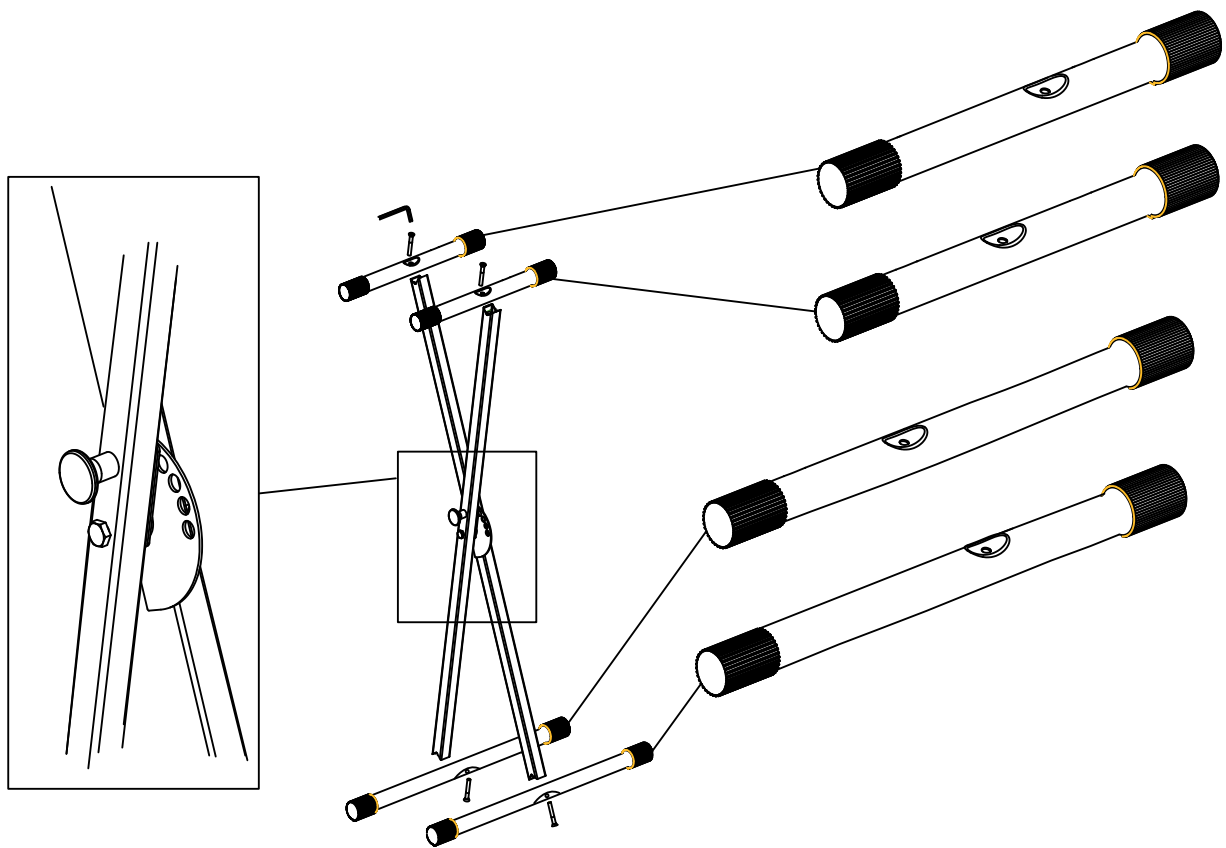




X-Keyboardständer einstrebig



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We love music!

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Bernbeurener Str. 11
86956 Schongau
www.kirstein.de

Art. 00009812 /00062730
Version 10/2019



KH-10

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FUNKTION UND HANDHABUNG Der Kopfhörer kann mit allen handelsüblichen Abspielgeräten, wie CD-Playern, Stereoanlagen, mobilen Musik-Playern verwendet werden, welche über einen Kopfhörerausgang mit 3,5mm Stereo-Klinke verfügen. Sollte Ihre Soundquelle mit einem Kopfhörerausgang mit 6,3mm Stereo-Klinke ausgestattet sein, nutzen Sie den mitgelieferten Adapter (6,3mm zu 3,5mm Stereoklinkenbuchse).

WARTUNG: Ihr Gerät erfordert keine besondere Wartung. Wenden Sie sich im Falle einer Fehlfunktion an ein zugelassenes Servicecenter oder direkt an den Hersteller.

REINIGUNG: Verwenden Sie zur Reinigung ein fusselfreies, trockenes oder nur leicht angefeuchtetes Tuch.

TECHNISCHE DATEN: System: dynamischer Kopfhörer Stereo, Nennimpedanz: 32Ohm +/- 10%, Frequenzbereich: 20-20000Hz, Empfindlichkeit: 103dB S.P.L. bei 1kHz +/- 2%

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Musikhaus Kirstein GmbH, Bernbeurener Strasse 11, 86956 Schongau, Germany, [Tel:08861-909494-0](tel:08861-909494-0), info@kirstein.de



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PRECAUTIONS (PLEASE READ CAREFULLY). Children should be supervised to ensure that they do not use this product as a toy. Never allow children to play with the packaging material unsupervised. Warnings: Read these instructions and keep these instructions in a safe place. Do not use this appliance in water. Precautions: To avoid damage to the product, do not place it in places with high temperatures or a lot of dust, very low or high humidity, do not place it directly next to an air conditioner and avoid direct sunlight. Do not use force when handling the product. Location: Do not expose the product to the following conditions to avoid deformation, discoloration or major damage: Direct sunlight, extreme temperature or humidity, excessively dusty or dirty place. Cleaning: Only clean the product with a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids or chemically impregnated wiping cloths. We reserve the right to make technical changes and changes in appearance. All information is correct at the time of printing. Musikhaus Kirstein GmbH accepts no liability for the accuracy and completeness of the descriptions, illustrations and information contained herein. Colors and specifications shown may differ slightly from the product. Musikhaus Kirstein GmbH products are only available through authorized dealers. Distributors and dealers are not authorized agents of Musikhaus Kirstein GmbH and have no authority to legally bind Musikhaus Kirstein GmbH in any way, whether expressly or by implication. These operating instructions are protected by copyright. Any duplication or reprinting, even in part, and any reproduction of the illustrations, even in modified form, is only permitted with the written consent of Musikhaus Kirstein GmbH.

WARNING: Ensure an appropriate volume level! Listening at too high a volume level can permanently damage your hearing!



FUNCTION AND HANDLING The headphones can be used with all commercially available playback devices such as CD players, stereo systems and mobile music players that have a headphone output with a 3.5mm stereo jack. If your sound source is equipped with a headphone output with a 6.3 mm stereo jack, use the supplied adapter (6.3 mm to 3.5 mm stereo jack).

MAINTENANCE: Your appliance does not require any special maintenance. In the event of a malfunction, contact an approved service center or the manufacturer directly.

CLEANING: Use a lint-free, dry or slightly damp cloth for cleaning.

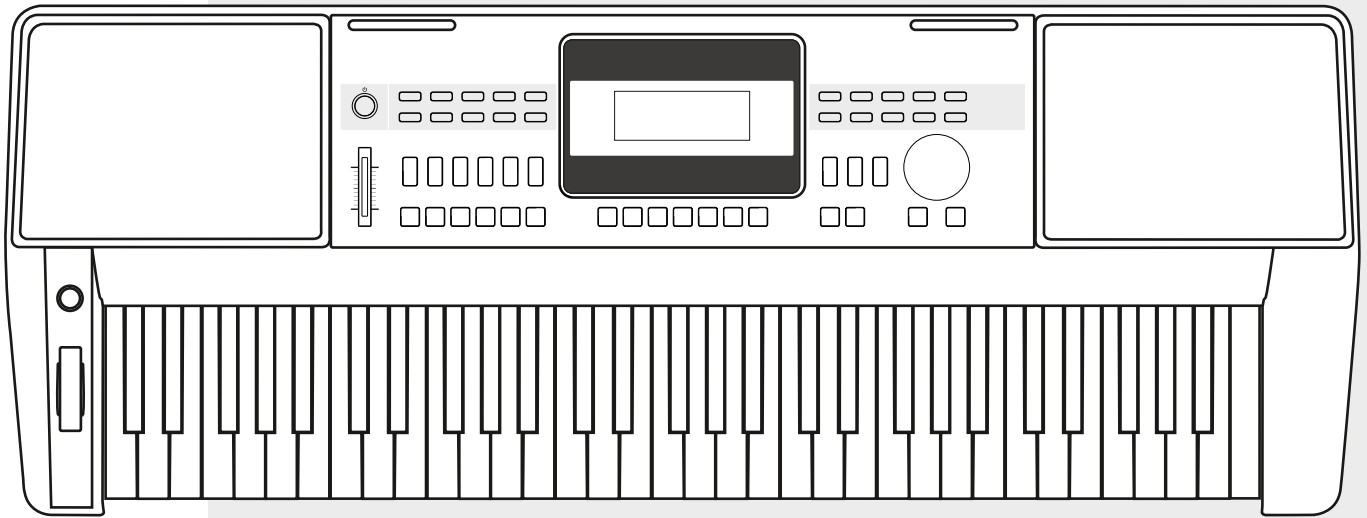
TECHNICAL DATA: System: dynamic stereo headphones, nominal impedance: 32Ohm +/- 10%, frequency range: 20-20000Hz, sensitivity: 103dB S.P.L. at 1kHz +/- 2%

WEEE declaration (Waste of Electrical and Electronic Equipment) Your product has been developed and manufactured using high-quality materials and components that are recyclable and reusable. This symbol means that electrical and electronic equipment must be disposed of separately from household waste at the end of its life. Please dispose of this appliance at your local municipal collection point or recycling center. Please help to protect the environment in which we all live.



Classic Cantabile

CPK-303



Owner's Manual

Version 07/2019

INFORMATION FOR YOUR SAFETY!

THE FCC REGULATION WARNING (for USA)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the user's authority to operate this equipment.

CAUTION

The normal function of the product may be disturbed by Strong Electro Magnetic Interference. If so, simply reset the product to resume normal operation by following the owner's manual. In case the function could not resume, please use the product in other location.

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe place for future reference.

Power Supply

Please connect the designated AC adaptor to an AC outlet of the correct voltage.

Do not connect it to an AC outlet of voltage other than that for which your instrument is intended.

Unplug the AC power adaptor when not using the instrument, or during electrical storms.

Connections

Before connecting the instrument to other devices, turn off the power to all units. This will help prevent malfunction and / or damage to other devices.

Location

Do not expose the instrument to the following conditions to avoid deformation, discoloration, or more serious damage:

- Direct sunlight
- Extreme temperature or humidity
- Excessive dusty or dirty location
- Strong vibrations or shocks
- Close to magnetic fields

Interference with other electrical devices

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.

Cleaning

Clean only with a soft, dry cloth.

Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

Handling

Do not apply excessive force to the switches or controls.

Do not let paper, metallic, or other objects into the instrument. If this happens, unplug the AC adaptor from the wall outlet. Then have the instrument inspected by qualified service personnel.

Disconnect all cables before moving the instrument.

Panel & Display Description

| | |
|------------------|---|
| Front Panel..... | 4 |
| Rear Panel..... | 4 |
| LCD..... | 5 |

Setup

| | |
|----------------------------|---|
| Power Supply..... | 6 |
| Setting a Music Stand..... | 6 |

Connections

| | |
|--------------------------------------|---|
| Connecting a pair of Headphones..... | 7 |
| Using Sustain Pedal..... | 7 |
| Connecting a Computer..... | 7 |

Quick Start

Power/Master Volume

| | |
|-------------------------------|---|
| Turn the Power On/ Off..... | 8 |
| Adjust the Master Volume..... | 8 |

| | |
|-------------------------|---|
| Playing Demo Songs..... | 8 |
|-------------------------|---|

| | |
|---------------------|---|
| Playing Voices..... | 9 |
|---------------------|---|

| | |
|---------------------|---|
| Playing Styles..... | 9 |
|---------------------|---|

| | |
|--------------------|----|
| Playing Songs..... | 10 |
|--------------------|----|

| | |
|-------------|----|
| Record..... | 10 |
|-------------|----|

Advanced Use

Voices

| | |
|-----------------------------------------------------|----|
| Select a Voice..... | 11 |
| Playing two voices simultaneously-DUAL..... | 11 |
| Playing Different Voices with Both hands-LOWER..... | 11 |

Styles

| | |
|--------------------------------------------------|----|
| Play Auto Accompaniment (rhythm track only)..... | 12 |
| Play Auto Accompaniment(all tracks)..... | 12 |
| Accompaniment Sections..... | 12 |
| Playing Different Accompaniment Sections..... | 13 |
| Fade..... | 13 |
| Accompaniment Volume Control..... | 13 |
| Chord Fingering..... | 14 |
| Tempo..... | 15 |

Function Menu

| | |
|---------------------|----|
| Tune..... | 16 |
| Split Point..... | 16 |
| Beat Type..... | 17 |
| Pedal Type..... | 17 |
| EQ Type..... | 17 |
| Reverb Type..... | 17 |
| Reverb Level..... | 18 |
| Chorus Type..... | 18 |
| Chorus Level..... | 18 |
| Harmony Type..... | 18 |
| MIDI IN/ OUT..... | 19 |
| Auto Power Off..... | 19 |

| | |
|------------|----|
| Mixer..... | 19 |
|------------|----|

Effect Related Settings

| | |
|-----------------|----|
| Octave..... | 20 |
| Touch..... | 20 |
| Metronome..... | 20 |
| Sustain..... | 20 |
| Pitch Bend..... | 21 |
| Modulation..... | 21 |
| DSP..... | 21 |
| Transpose..... | 21 |
| Harmony..... | 21 |

Register Memory

| | |
|--------------------------------------------------------------------------------|----|
| Registration Banks..... | 22 |
| Registering the Panel Setting and Recalling the Registered Panel Settings..... | 22 |
| Store Parameters to M1-M4..... | 22 |

| | |
|------------------------|----|
| One Touch Setting..... | 22 |
|------------------------|----|

Record

| | |
|----------------------------|----|
| Prepare for Recording..... | 23 |
| Start Recording..... | 23 |
| Stop Recording..... | 23 |
| Playback Recording..... | 24 |
| Delete User Song..... | 24 |

| | |
|----------------------------|----|
| Playing the Demo Song..... | 24 |
|----------------------------|----|

| | |
|-----------------|----|
| Piano Mode..... | 25 |
|-----------------|----|

Song

| | |
|-----------------------------|----|
| Listening to the Songs..... | 25 |
| Song Control..... | 25 |
| Lesson Mode..... | 26 |

Chord Dictionary

| | |
|------------------------------------|----|
| DICT 1 (Chord Learning Mode)..... | 27 |
| DICT 2 (Chord Examining Mode)..... | 27 |
| Exit Chord Dictionary..... | 27 |

Pedal Function

| | |
|---------------------------|----|
| Multi-function Pedal..... | 28 |
|---------------------------|----|

MIDI

| | |
|-----------------------------------|----|
| What's MIDI?..... | 29 |
| The main application of MIDI..... | 29 |

| | |
|----------------------|----|
| Troubleshooting..... | 30 |
|----------------------|----|

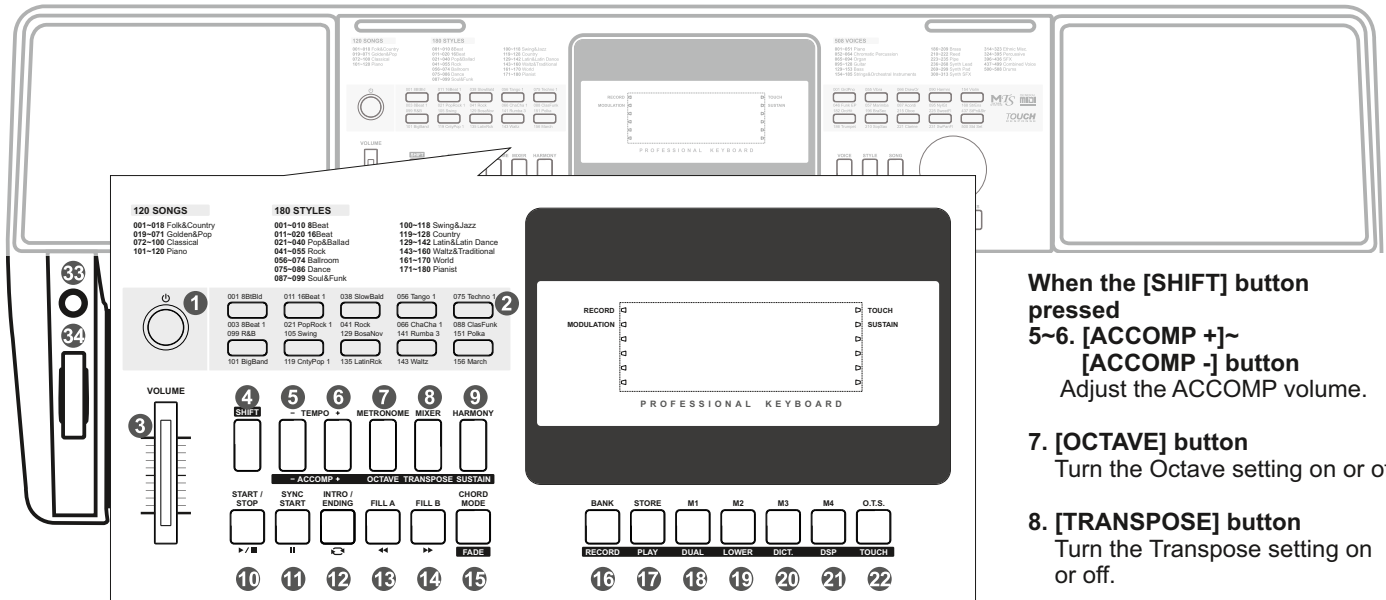
| | |
|---------------------|----|
| Specifications..... | 30 |
|---------------------|----|

Appendices

| | |
|--------------------------------|----|
| Voice List..... | 31 |
| Style List..... | 36 |
| Song List..... | 38 |
| Demo List..... | 39 |
| MIDI Implementation Chart..... | 40 |

Panel & Display Description

Front Panel



1. POWER SWITCH
Turn the Power on or off.

2. STYLE DIRECT SELECT BUTTON
Select a direct Style.

When the [SHIFT] button released
5~6. [TEMPO +]~ [TEMPO -] button
Adjust the current Tempo.

When the [SHIFT] button pressed
5~6. [ACCOMP +]~ [ACCOMP -] button
Adjust the ACCOMP volume.

3. [VOLUME] Slider
Adjust the master Volume.

4. [SHIFT] button
Select the second function of some buttons.

7. [METRONOME] button
Turn the metronome on or off.

7. [OCTAVE] button
Turn the Octave setting on or off.

8. [TRANPOSE] button
Turn the Transpose setting on or off.

9. [SUSTAIN] button
Turn the Sustain function on or off.

15. [FADE] button
Produce smooth Fade-ins or Fade-outs at the beginning or end of style playback.

In Style Mode

10. [START/ STOP] button
Start or Stop playing the style.

11. [SYNC START] button
Turn the Sync Start on or off.

12. [INTRO/ ENDING] button
Play the Intro or Ending.

13. [FILL A] button
A Fill-in A plays.

14. [FILL B] button
A Fill-in B plays.

In Song Mode

10. [START/ STOP] button
Start or Stop playing the song.

11. [PAUSE] button
Pause or continue playing the song.

12. [LOOP] button
Set the beginning and ending location of loop to the current song.

13. [REWIND] button
Rewind the song.

14. [FAST FORWARD] button
Fast forward the song.

8. [MIXER] button
Enter the Mixer menu.

9. [HARMONY] button
Turn the Harmony effect on or off.

15. [CHORD MODE] button
Enter the chord mode.

16. [BANK] button
Switch between Memories.

17. [STORE] button
Register the panel settings.

18~21. [M1] ~ [M4] buttons
Instantly call up a panel setting.

22. [O.T.S.] button
Turn the One Touch Setting function on or off. Instantly reconfigure all relevant settings.

16. [RECORD] button
Enter the Record Mode.

17. [PLAY] button
Play back recordings.

18. [DUAL] button
Turn the Dual function on or off.

19. [LOWER] button
Turn the Lower function on or off.

20. [DICT.] button
Enter the Chord Dictionary.

21. [DSP] button
Turn the DSP function on or off.

22. [TOUCH] button
Turn the Touch Response on or off.

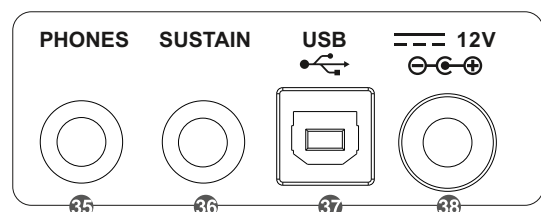
Rear Panel

35. PHONE/ OUTPUT jack
Connect a pair of headphones or external audio equipment.

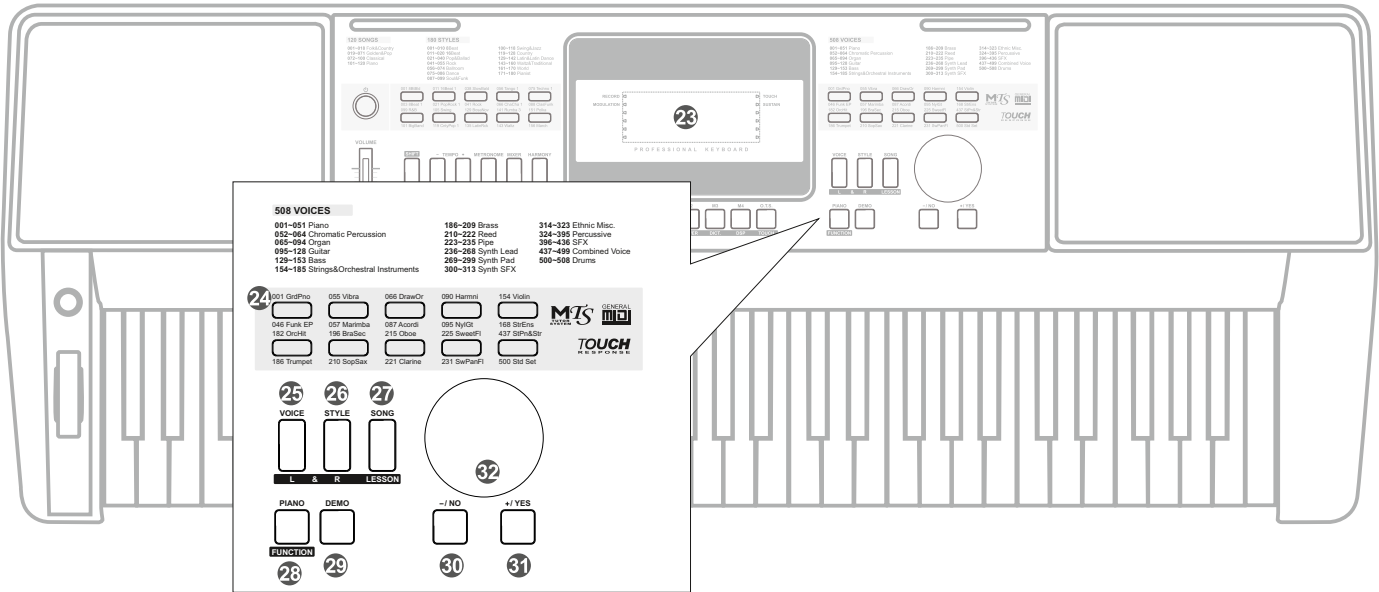
36. SUSTAIN jack
Connect a sustain pedal.

37. USB terminal
Connect to a computer to work as a USB-MIDI device.

38. DC 12V jack
Connect DC 12V power adaptor(optional).



Panel & Display Description



23. LCD display

Display important setting information.

24. VOICE DIRECT SELECT BUTTON

Select a direct Voice.

29. [DEMO] button

Switch to Demo Mode.

30 ~ 31. [-/NO]/ [+YES] button

Adjust parameter value.

32. DATA DIAL

Slowly or quickly adjust the parameter value.

When the [SHIFT] button Released

25. [VOICE] button

Switch to Voice Mode.

26. [STYLE] button

Switch to Style Mode.

27. [SONG] button

Enter the Song Mode.

28. [PIANO] button

Enter the Piano Mode.

When the [SHIFT] button Pressed

25. [LEFT HAND] button

Choose the Left Hand in Lesson Mode.

26. [RIGHT HAND] button

Choose the Right Hand in Lesson Mode.

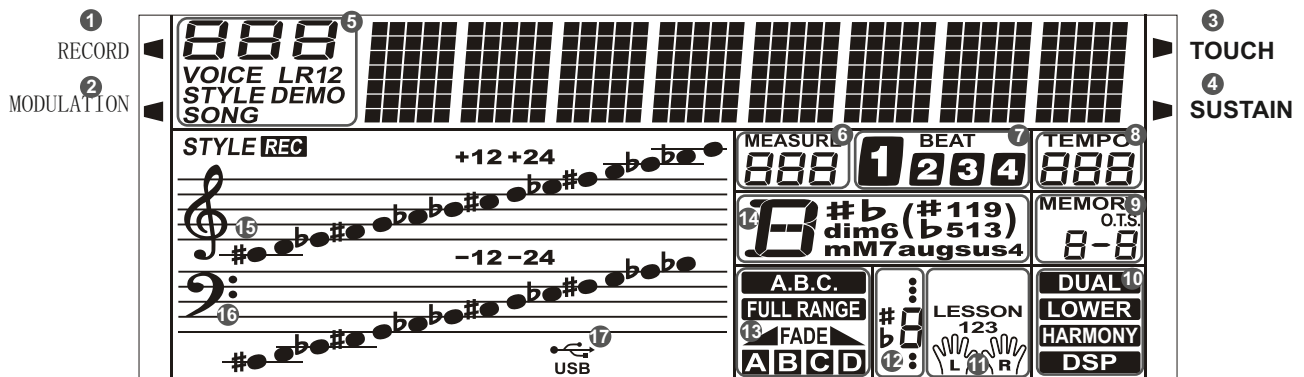
27. [LESSON] button

Enter the Lesson Mode.

28. [FUNCTION] button

Enter the Function Mode.

LCD



1. RECORD

2. MODULATION

3. TOUCH

4. SUSTAIN

5. VOICE/STYLE/DEMO/SONG

6. MEASURE

7. BEAT

8. TEMPO

9. M1-M4/ONE TOUCH SETTING

10. DUAL/ LOWER/ HARMONY/ DSP

11. LEFT/RIGHT HAND LESSON MODE

12. NUMBER MUSICAL NOTATION

13. A.B.C. / FULL RANGE/ FADE/A/B

14. CHORD

15. TREBLE CLEF

16. BASS CLEF

17. USB

Setup

This section contains information about setting up your instrument and preparing to play. Please go through this section carefully before turning the power on.

Power Supply

You can power the instrument either by batteries or by power adaptor. Before you switch your instrument on, turn down the volume of instrument and the connected audio equipment first.

Using Batteries

6 pieces of AA (NO.5) or equivalent alkaline batteries must first be installed into the battery compartment.

1. Open the battery compartment cover located on the bottom cabinet of the unit.
2. Insert the batteries; carefully follow the polarity markings on the cabinet.
3. Replace the compartment cover, making sure that it locks firmly in place.

Note:

1. Do not mix old and new batteries.
2. Always use same types of batteries.
3. Always remove the batteries from the unit when it is not being used for an extended period of time.

Using Power Adaptor

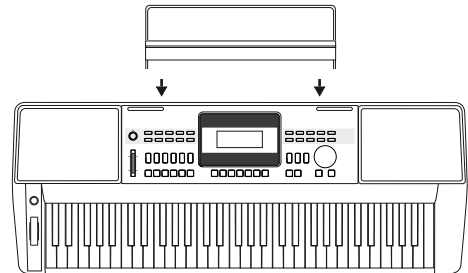
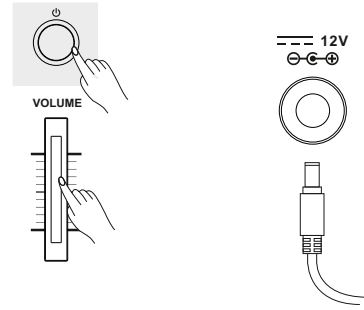
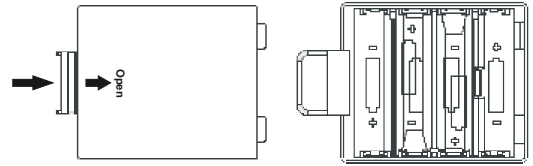
1. Connect the AC/DC adaptor to the power supply jack of this instrument.
2. Press the POWER SWITCH, the LCD screen is lit, which indicates the instrument has powered on.
3. If you are ready to turn off the instrument, press the POWER SWITCH again.

Note:

1. In the idle mode, the instrument will automatically shutdown in 30 minutes if you do not take any action on the instrument (Please refer to "Auto Power Off" for details).
2. When the keyboard is not in use or during thunderstorm, please disconnect the power for safety purpose.

Setting a Music Stand

A music stand is supplied with the keyboard. You can easily attach it to the instrument by inserting it into the slots at the rear of the panel.

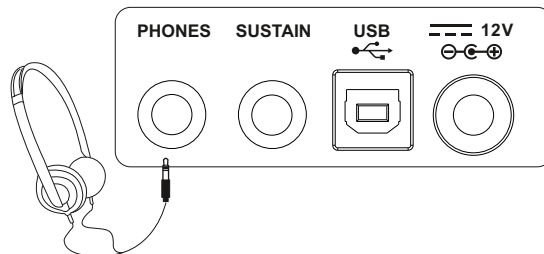


Connecting a pair of Headphones

A standard pair of stereo headphones can be connected to the PHONES jack for private practice or late-night playing. The internal stereo speaker system is automatically shut off when a pair of headphones is plugged into this jack.

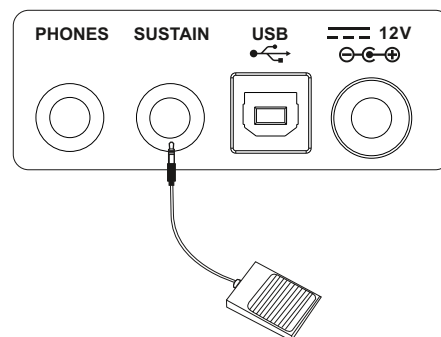
Note:

To avoid the risk of hearing loss when using headphones, please do not play the piano with a high volume level for a long time.



Using Sustain Pedal

Plug a function pedal into a sustain jack, you can select 4 pedal functions from the function menu setting: Sustain, Soft, switch to register memories and start/ stop a style. When using a sustain pedal in playing, your performance will remain an elegant sustain with hands out of keys, which makes the performance more expressive and abundant. (Refer to pedal function of Function Menu for details)

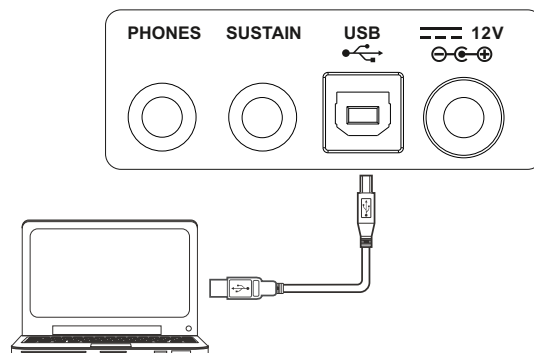


Connecting a Computer

The instrument receives and transmits MIDI messages via the USB connector.

Note:

If this product does not work correctly when connected to USB 3.0 port, you will need to connect to USB 2.0 port.



Power/Master Volume

Turn the Power On/Off

1. Firstly, please make sure you have correctly completed power connection.
2. Press POWER SWITCH, the LCD screen is lit, and displays data information on the screen, it indicates the instrument is powered on.

Note:

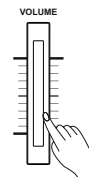
Press the POWER SWITCH, if the LCD screen isn't lit, please check the power is connected correctly or not.

Adjust the Master Volume

Move the MASTER VOLUME slider upwards/ downwards to increase/ decrease the volume level.

Note:

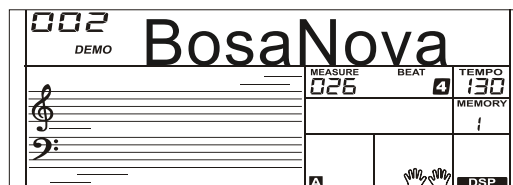
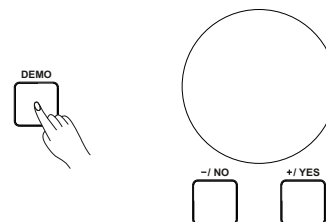
The overall volume is too low, or no sound is heard. The master volume may set too low. Set it to an appropriate level with the [MASTER VOLUME] slider. Another reason could be the headphones are connected, disabling the speak output. Try to unplug the headphones.



Playing Demo Songs

This instrument features 5 wonderful demos with different characters. Please refer to Demo List.

1. Press the [DEMO] button, enter the main interface of demo playing back, meanwhile, all the demo songs will loop playing.
2. Use the data dial or the [+ / Yes] / [- / No] button to select a demo song.
3. Press the [DEMO] or [START/STOP] button to stop playing, and exit demo mode.

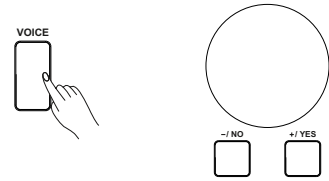


Playing Voices

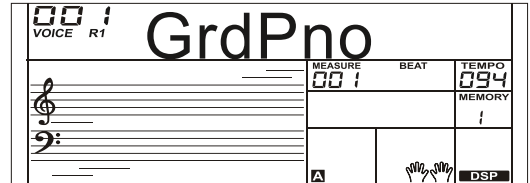
1. Press the [VOICE] button.
Enter the Voice Mode. The LCD displays the current default voice name and number.
2. Select a Voice.
Use the data dial or the [+ / Yes] / [- / No] button to select the voice you want to play. You can also use the Voice Direct Button to select a voice. 2 direct voices for each button (upper & lower key).
3. Play the Voice.
You can play the keyboard and listen to the wonderful voice.

Note:

While changing a voice, pay attention to the rules. If you press the same button, the voice will be changed between the upper and lower key. When the upper/lower voice is on, and then you press another direct button, the corresponding upper/lower voice will be selected.



| | | | | |
|-------------|-------------|-------------|-------------|--------------|
| 001 GrdPno | 055 Vibra | 066 DrawOr | 090 Harmni | 154 Violin |
| 046 Funk EP | 057 Marimba | 087 Acordi | 095 NylGt | 168 StrEns |
| 182 OrchHit | 196 BraSec | 215 Oboe | 225 SweetFl | 437 StPn&Str |
| 186 Trumpet | 210 SopSax | 221 Clarine | 231 SwPanFl | 500 Std Set |

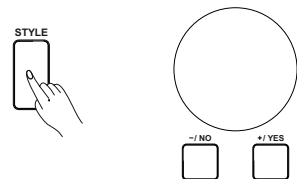


Playing Styles

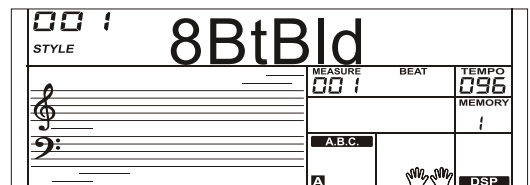
1. Press the [STYLE] button.
Enter the Style Mode. The LCD displays the current default style name and number.
2. Select a Style.
Use the data dial or the [+ / Yes] / [- / No] button to select the style you want to play. You can also use the Style Direct Button to select a style. 2 direct styles for each button (upper & lower key).
3. Play the Style.
Press the [START/STOP] button, directly start a rhythm playing. Or you can press the [SYNC START] button, and press any keys to start the rhythm playing.

Note:

While changing a style, please pay attention to the rules. If you press the same button, the style will be changed between the upper and lower key. When the upper/lower style is on, and then you press another direct button, the corresponding upper/lower style will be selected.



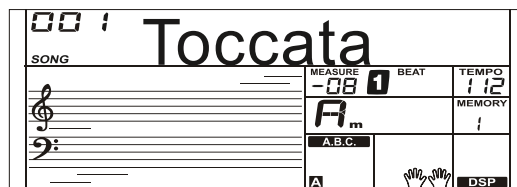
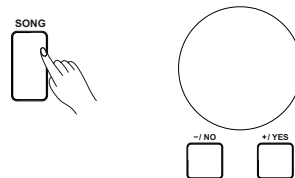
| | | | | |
|-------------|---------------|--------------|--------------|--------------|
| 001 8BtBld | 011 16Beat 1 | 038 SlowBald | 056 Tango 1 | 075 Techno 1 |
| 003 8Beat 1 | 021 PopRock 1 | 041 Rock | 066 ChaCha 1 | 088 ClasFunk |
| 099 R&B | 105 Swing | 129 BosaNov | 141 Rumba 3 | 151 Polka |
| 101 BigBand | 119 CntyPop 1 | 135 LatinRck | 143 Waltz | 156 March |



Playing Songs

This instrument has featured 120 preset songs, and each song can be practiced in LESSON mode.

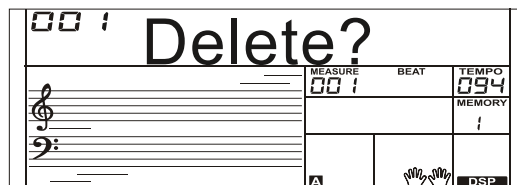
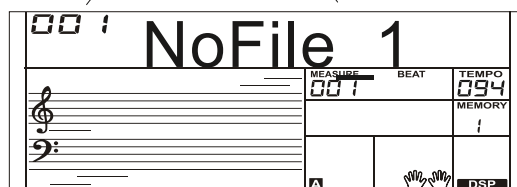
1. Press the [SONG] button.
Enter the song selection mode. It will play all songs circularly.
2. Select a song.
Use the data dial or the [+ / YES] / [- / NO] button to select the song you want to play.
3. Press the [START/STOP] button.
Once you start playing a song, it will play current song repeatedly.
4. While stop playing a song, press any of [STYLE] or [VOICE] button, you can exiting the song mode.



Record

You can record your performance and the accompaniment, this instrument can record up to 5 user songs.

1. Press and hold the [SHIFT] button, and then press the [RECORD] button. Enter the song mode, you can use the data dial or the [+ / YES] / [- / NO] button to select a user song to be saved.
2. Press and hold the [SHIFT] button, and then press the [RECORD] button. Enter the record standby mode, and you can select voice, style or other parameters to prepare recording.
3. Press the [START/STOP] button or play a key on the keyboard to start recording.
4. Press and hold the [SHIFT] button, and then press the [RECORD] button to exit the record mode.
5. If you want to play back a record song, you can press and hold [SHIFT] button, and then press the [PLAY] button to enter the selection interface. Use the data dial or the [+ / YES] / [- / NO] button to select the recorded song you want to play back. Press and hold the [RECORD] button and then press the [PLAY] button to play back recorded songs.
6. While playing back recorded songs, you can press and hold the [SHIFT] button and then press the [PLAY] button to exit the playing back.
7. In the selection interface of record playing back, press and hold the [SHIFT] button and then press the [RECORD] button, it displays "Delete?", press [+ / YES] to confirm delete song, or [- / NO] to cancel this operation and back to the selection interface.



The instrument features 508 build-in voices. In order to offer you a better performance experience, we programmed many useful effects which can be inserted while playing voices. Please refer to Function Menu.

Select a Voice

The default voice number is 001 when power on and the “VOICE R1” icon will be lightening up on the left-top corner of the LCD. The current voice name and number will be display on the LCD. Use the data dial or [+ /YES] / [- /NO] button to select the voice you want to play, or you can also use the Voice Direct Button.

Note:

Press the [VOICE] button, switch to the voice mode. The “VOICE R1” icon will be lightening and display the name of upper voice. The system will judge current dual voice and lower voice are turned on or off, the sequence is:

VOICE R1 -> VOICE R2 -> VOICE L -> VOICE R1
Automatically skip the voices which haven't turned on.

Playing two voices simultaneously-DUAL

This instrument has a dual voice function. This function is capable to enhance the delicacy of your music by playing two voices of musical instruments simultaneously; new combinations of voices and music could be created then. When the dual function is off, the voice indicated is VOICE 1, when the dual function is on; the voice indicated is VOICE 2.

1. In idle mode, press and hold the [SHIFT] button and then press the [DUAL] button to turn dual function on. The LCD displays the current voice name and number, and the indicate “VOICE R 2” and “DUAL”.

You can use the data dial or [+ /YES] / [- /NO] button to select the dual voice you want to play. The default R2 voice is NO. 168: String Ensembles.

2. Play the keyboard, and then you will hear two different voices are sounded simultaneously in a layer. It seems like two different instruments playing at the same time.
3. When dual function is on, pressing and hold the [SHIFT] button and then press the [DUAL] button will turn dual function off.

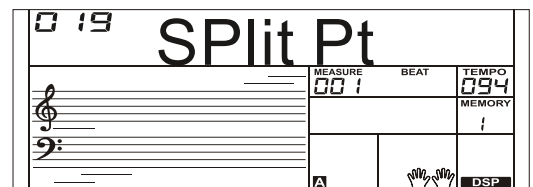
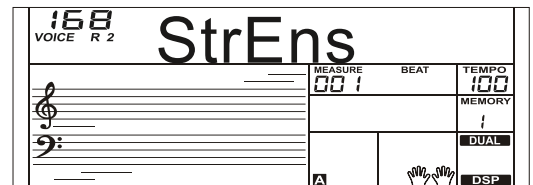
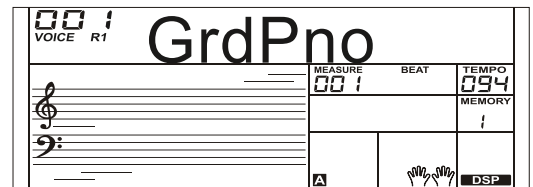
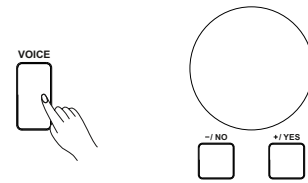
Note:

When the keyboard has been split, only the right hand area will respond the dual voice, the left hand will not respond to it.

Playing Different Voices with Both hands-LOWER

The lower function splits the keyboard into right and left areas to create two different voices. The left section voice is lower voice. The A.B.C. function is on, left section keyboard can control the accompaniment; the A.B.C. function is off, left section keyboard can control the lower voice. The default split point of this instrument is: F#3 (19) and you can assign a desire split point on the keyboard. Refer to Split Point Setting for more details.

1. In idle mode, press and hold the [SHIFT] button and then press the [LOWER] button to turn the lower function on. The keyboard is split into two independent sections, and each section has its voice. The LCD displays the left hand voice name and number, and the indicate “VOICE L” and “LOWER”.
2. You can use the data dial or the [+ /YES] / [- /NO] button to select the lower voice you want to play. The factory voice setting is NO.168: String Ensembles.
3. Play the keyboard in different sections, and you will hear two different voices.
4. When lower function is on, pressing and hold the [SHIFT] button and then press the [LOWER] button will turn lower function off.



Styles

The auto accompaniment feature puts a full backing band at your fingertips. To use it, all you have to do is to play the chords with your left hand using your selected accompaniment style, and then the accompaniment will automatically play along, instantly following the chords you play. With auto accompaniment, even a solo performer can enjoy playing with the backing of an entire band or orchestra. This keyboard features 180 styles in a variety of musical genres. Try to select some of the different styles (refer to Style List) and enjoy the auto accompaniment feature.

Play Auto Accompaniment (rhythm track only)

1. Press [STYLE] button.
Enter the style mode. The "STYLE" icon on the left-top of the LCD will light up. The LCD displays the name and number of the current style.
2. Select a style.
Use the data dial or the [+ / YES] / [- / NO] button to select a style you want to play. Or you can use the Style Direct Button to make a quick selection.
3. Start playing a style.
Press the [START/STOP] button to start the rhythm tracks of the auto accompaniment. Also you can press [SYNC START] and then play any key to start the rhythm tracks of the auto accompaniment.

Play Auto Accompaniment (all tracks)

1. Turn the auto accompaniment on.
In style mode, you can press the [CHORD MODE] button to enter the "auto bass chord" (A.B.C.) mode. The keyboard is split into two sections. Left hand section is chord detect section. The "A.B.C." icon will light up. Now pressing any key in chord detect section (Sync Start status) you will hear the fantastic accompaniment. Press [CHORD MODE] button again to enter "full range" mode. The "FULL RANGE" icon will light up. The whole keyboard is chord detect section.
2. Start the auto accompaniment.
You can press [SYNC START] button and then play a chord in chord detect section to start auto accompaniment of all tracks. When you change a chord, the accompaniment automatically changes. You can also press [START/STOP] button to start auto accompaniment of rhythm track, then play a chord in chord detect section. It will start auto accompaniment of all tracks.

Accompaniment Sections

There are various types of Auto Accompaniment sections that allow you to vary the arrangement of the accompaniment to match the song you are playing. They are: Intro, Main (A, B), Fill (A, B), and Ending. By switching among them during your performance you can easily produce the dynamic elements of a professional sounding arrangement in your performance.

INTRO Section

The intro is an opening section of the song. Each preset style features two different patterns. When the intro pattern finished, the system will automatically shift to the main section.

MAIN Section

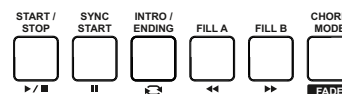
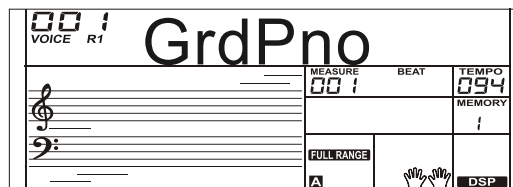
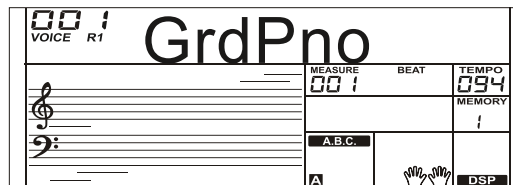
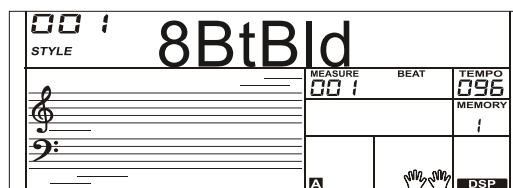
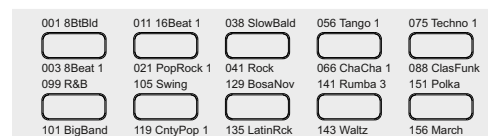
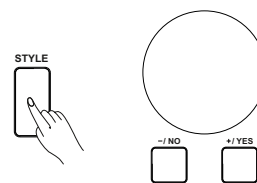
The main is an important section of the song. And it plays an accompaniment pattern and repeat infinitely until another section's button is pressed.

FILL IN Section

Auto fill in function automatically adds a fill to your performance. When the fill-in is finished, accompaniment shifts to the Main section (A,B).

ENDING Section

Ending is used for the ending of the song. When the ending is finished, accompaniment automatically stops. The length of the ending differs depending on the selected style.



Note:

1. Hold down the [FILL A] / [FILL B] button when the style is playing, the selected fill-in pattern repeats continuously until button is released.
2. Press [FILL A] / [FILL B] button when style stops, it will change to the normal section.

Playing Different Accompaniment Sections

1. Press the [STYLE] button.
2. Press the Style Direct Button, data dial or [+ / YES] / [- / NO] button to select a style.
3. Press [CHORD MODE] button to enter A.B.C. (auto bass chord) mode.
4. Press [SYNC START] button.
5. Press the [FILL A] button, select the Main A section.
6. Press the [INTRO/ENDING] button. Now the "A" indicate on LCD, and the style is ready to play.
7. It will start the accompaniment as soon as you start playing in Chord section. When the playback of the intro is finished, it automatically leads into Main A section.
8. Press the [FILL B] button. A fill-in plays, automatically followed by the Main B section.
9. Press the [INTRO/ENDING] button again, and it will enter the Ending Section. When the ending is finished, the auto accompaniment automatically stops.

Fade

1. Fade In

Starting the style with fade in produces a smooth beginning, the volume increases from low to high.

Press and hold the [SHIFT] button and then press the [FADE] button when Style playback is stopped. The "▲FADE" icon will be lighting up, and then flashing with style playing.

2. Fade Out

Stopping the style with fade out produces a smooth ending, the volume increases from high to low. Press and hold the [SHIFT] button and then press the [FADE] button during Style playback. The "FADE ▽" icon will be lighting up, and then flashing with auto accompaniment stops.

3. Fade In/ Out Time

The default time value is 10 seconds.

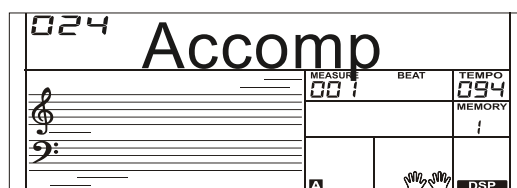
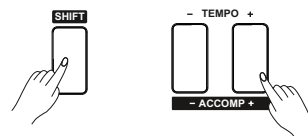
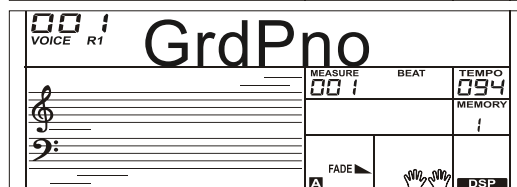
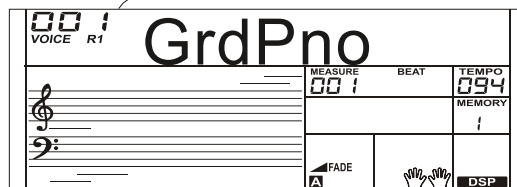
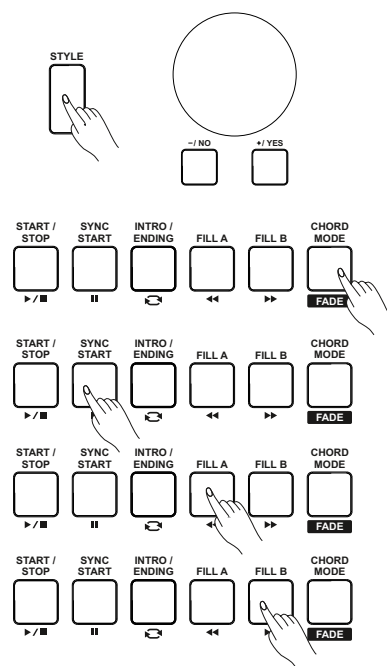
Accompaniment Volume Control

Adjust the master accompaniment volume; you can use this function to balance auto accompaniment part volume and keyboard voice volume.

1. Press and hold the [SHIFT] button, and then use the [ACCOMP +] / [ACCOMP -] button to set accompaniment volume, adjustable range: 0~32, the LCD displays current accomp volume "XXX Accomp". The default value is: 24.
2. Press and hold the [SHIFT] button and then press the [ACCOMP +] / [ACCOMP -] for a while you can quickly adjust the volume value.
3. Press and hold the [SHIFT] button, at the accomp volume temporarily showed on the LCD, press the [ACCOMP +] and [ACCOMP -] buttons simultaneously to restore to its default value: 24.

Note:

The accompaniment setting will automatically exit if no operation is done over 5 seconds.



Styles

Chord Fingering

How the chords are played or indicated with your left hand (in the auto accompaniment section of the keyboard) is referred to as "fingering". There are 2 types of fingerings as described below.

Chord Basics

A chord, in music, is any harmonic set of three or more notes that is heard as if sounding simultaneously. The most frequently encountered chords are triads. A triad is a set of three notes that can be stacked in thirds. When stacked in thirds, the triad's members, from lowest pitched tone to highest, are called: the Root, the Third, and the Fifth.

Triad Type

There are following basic triad types:

| | |
|------------------|----------------------------------------------------------------------------------------------------|
| Major Triad | A root with a major third added above and a perfect fifth will consist as a "Major Triad". |
| Minor Triad | A root with a minor third added above and a perfect fifth will consist as a "Minor Triad". |
| Augmented Triad | A root with a major third added above and an augmented fifth will consist as an "Augmented Triad". |
| Diminished Triad | A root with a minor third added above and a diminished fifth will consist as a "Diminished Triad". |

Chord Inversion

We define this chord its root is not in the bass (i.e., is not the lowest note) as an inversion chord. When the root is in the bass, we call the chord: root-position chord. If we put the Third and Fifth in the root position, then it forms "Inversion", we call this chord "Inversion Chord". See the following major triad and its inverted chord.

Chord Name

The chord name contains two parts content: Chord root and Chord type.

Single Finger

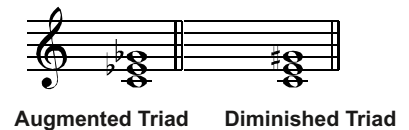
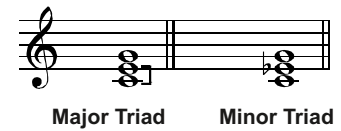
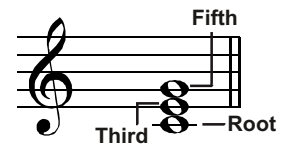
Single finger type not only can detect single finger but also can detect multi finger. And the single finger makes it easily to play chords through only one, two or three keys. Including major, minor, seventh, and minor seventh chord. Refer to relevant picture on the right for details.

Multi Finger

Multi finger type only can recognize those chords have listed in the chord list, and also can be found in the dictionary function.

Note:

In full range mode, the entire keyboard will only recognize chords played in normal fingering.



Cm

Chord Root Chord Type

| | |
|--|----------------------------------------------------------------------------------------------|
| | * Major Triad Only press the root note on the keyboard. |
| | * Minor Triad Press the root note and the nearest left black key simultaneously. |
| | * Seventh chord Press the root note and the nearest left white key simultaneously. |

| | | | | | |
|---------------------------------------|---------------------------|------------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|
| 0 C | 1 C ₆ | 2 Cm ₇ | 3 CM ₇ (#11) | 4 CM(9) | 5 CM ₇ (9) |
| 6 C ₆ (9) | 7 Caug | 8 Cm | 9 Cm ₆ | 10 Cm ₇ | 11 Cm ₇ (b5) |
| 12 Cm(9) | 13 Cm ₇ (9) | 14 Cm ₇ (11) | 15 CmM ₇ | 16 CmM ₇ (9) | 17 Cdim |
| 18 Cdim ₇ | 19 C ₇ | 20 C ₇ sus ₄ | 21 C ₇ (b5) | 22 C ₇ (9) | 23 C ₇ (#11) |
| 24 C ₇ (13) | 25 C ₇ (b9) | 26 C ₇ (b13) | 27 C ₇ (#9) | 28 CM ₇ aug | 29 C ₇ aug |
| 30 C ₇ sus ₄ | 31 C ₁₊₂₊₅ | Notes enclosed in parentheses are optional; the chords could be recognized without them. | | | |

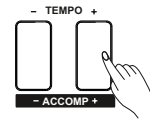
Tempo

Each style of the instrument has been set with a default or standard tempo; however, this can be changed by using the [TEMPO +]/[TEMPO -] button.

1. Use the [TEMPO +]/[TEMPO -] button to change the tempo. While the tempo data is flashing, use the data dial can also change the tempo.
2. Press the [TEMPO+] and [TEMPO-] buttons simultaneously to restore the default tempo setting.

Note:

The tempo will change when changing the style not playing the accompaniment. The tempo will not change when changing the style playing the accompaniment.

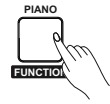


Function Menu

Press and hold the [SHIFT] button and then press the [FUNCTION] button to enter function menu. The LCD displays the default "Tune" function menu option. Use [+ / YES] / [- / NO] button to set parameter of the current menu.

The option and parameters are as follows:

| No. | Content | LCD display | Range | Default |
|-----|----------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1 | Tune | XXX Tune | -50 ~ +50 | 0 |
| 2 | Split Point | XXX Split pt | 1-61 | 19 |
| 3 | Beat Type | XXX Beat | 0, 2-9 | 4 |
| 4 | Pedal Type | XXX Ped XXX | Ped Sust, Ped Soft, Ped St/S, Ped Mem | Ped Sust |
| 5 | EQ Type | XXX EQ XXX | EQ Pop, EQ Rock, EQ Class, EQ Jazz, EQ Dance, EQ Reset | EQ Reset |
| 6 | Reverb Type | XXX RevHall1 | RevRoom1, RevRoom2, RevRoom3, RevHall1, RevHall2, RevHall3, RevChrh1, RevChrh2, RevDelay, RevPnDly | RevHall1 |
| 7 | Reverb Level | XXX Rev Lev | 0-32 | 23 |
| 8 | Chorus Type | XXX ChrGMCr2 | ChrChrs1, ChrChrs2, ChrGMCr1, ChrGMCr2, ChrFlgr1, ChrFlgr2, ChrRtry1, ChrRtry2 | ChrGMCr2 |
| 9 | Chorus Level | XXX Chr Lev | 0-32 | 0 |
| 10 | Harmony Types | XXX HrmDuet | HrmDuet, HrmStdTri, HrmFulCd, HrmRkDut, HrmCtDut, HrmCtTri, HrmBlock, Hrm4Cis1, Hrm4Cis2, Hrm40pen, Hrm1+5, HrmOctv1, HrmOctv2, HrmStrum | HrmDuet |
| 11 | | | 01-16, ALL | ALL |
| 12 | | | 01-16 | 01 |
| 13 | MIDI Receive | XXX Midi In | 30, 60, OFF | 30 |
| | MIDI Transmit | XXX Midi Out | | |
| | Auto Power Off | XXX PowerOff | | |



Note:

The function menu status will exit if no operation is done within 5 seconds.

Tune

This function sets the pitch of entire keyboard by steps of cents.

1. Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select the tune menu. The LCD displays "xxx Tune". Use [+ / YES] / [- / NO] button or data dial to change tune value. Its range is from -50 to 50 cents.

2. Press [+ / YES] and [- / NO] buttons simultaneously will set the tune value to its default setting: 0.

3. The setting is applied to both accompaniment and the voice.

Split Point

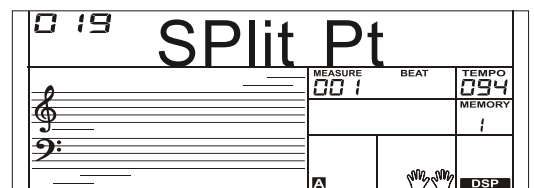
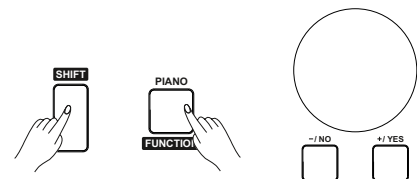
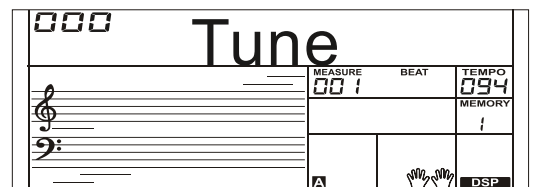
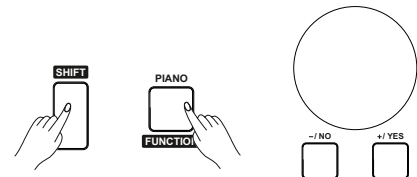
This function sets the point which separates the entire keyboard to two sections:

1. Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select split point menu. The LCD displays "xxx Split Pt". Use [+ / YES] / [- / NO] button or data dial to change Split Point. The range of Split Point is: 1-61, press the [+ / YES] and [- / NO] buttons to restore its default setting.

2. Press [+] and [-] buttons simultaneously will set the split point value to its default setting.

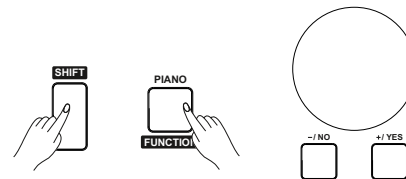
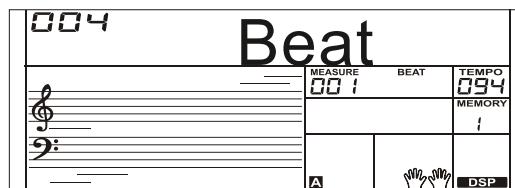
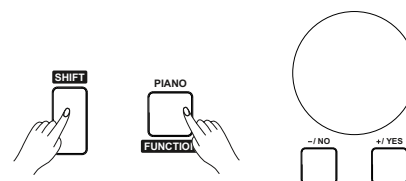
Note:

The Split keys belong to the left hand area.



Beat Type

1. Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select beat type menu. The LCD displays "xxx Beat".
Use [+ / YES] / [- / NO] button or data dial to change beat type. The range of beat type: 0, 2~9.
2. Press [+ / YES] and [- / NO] buttons simultaneously will set the beat type value to its default setting: 4.



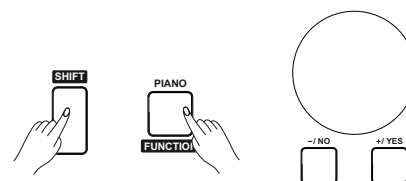
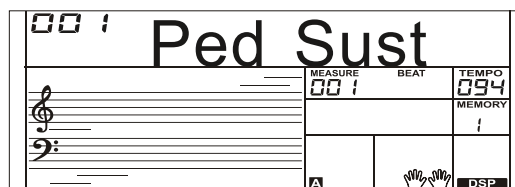
Pedal Type

1. Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select pedal type menu. The LCD displays "001 Ped Sust".
Use [+ / YES] / [- / NO] button or data dial to change pedal type.
2. There are 4 types of pedal are available.
3. Press [+] and [-] buttons simultaneously will set the pedal type to its default setting: Sust.

| No. | LCD Display | Pedal Function |
|-----|-------------|---------------------|
| 1 | Ped Sust | Sustain Pedal |
| 2 | Ped Soft | Soft Pedal |
| 3 | Ped Mem | Memory Switch Pedal |
| 4 | Ped St/S | Start/Stop Pedal |

Note:

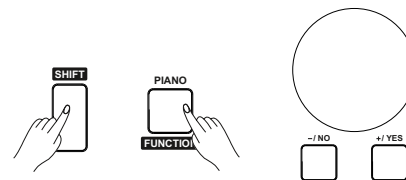
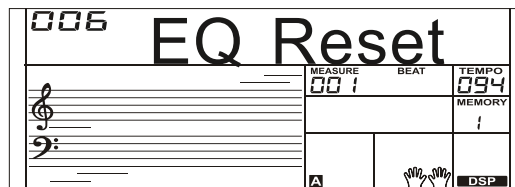
1. This instrument allows normally open and normally closed pedal, and it would be automatically detect pedal type when powered on.
2. We don't recommend you pressing the pedal while turning the instrument on, because if you do that the pedal function would be inverted.



EQ Type

1. Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select the EQ type menu. The LCD displays "006 EQ Reset".
Use [+ / YES] / [- / NO] button or data dial to change EQ type. There are 6 EQ types are available.

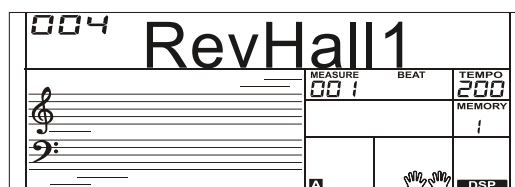
| No. | LCD Display | EQ Type |
|-----|-------------|-----------|
| 1 | EQ Pop | Pop |
| 2 | EQ Rock | Rock |
| 3 | EQ Class | Classical |
| 4 | EQ Jazz | Jazz |
| 5 | EQ Dance | Dance |
| 6 | EQ Reset | Reset |



Reverb Type

- Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select reverb type menu. The LCD displays "004 RevHall1".
Use [+ / YES] / [- / NO] button or data dial to change reverb type. The default setting is Hall 1.

| No. | LCD Display | Reverb Type |
|-----|-------------|-------------|
| 1 | RevRoom1 | Room 1 |
| 2 | RevRoom2 | Room 2 |
| 3 | RevRoom3 | Room 3 |
| 4 | RevHall1 | Hall 1 |
| 5 | RevHall2 | Hall 2 |
| 6 | RevHall3 | Hall 3 |
| 7 | RevChrh1 | Church 1 |
| 8 | RevChrh2 | Church 2 |
| 9 | RevDelay | Delay |
| 10 | RevPnDly | Pan Delay |

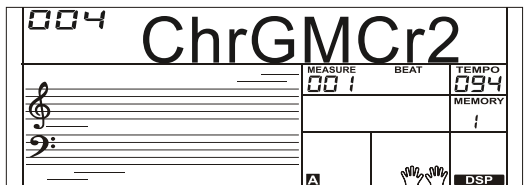
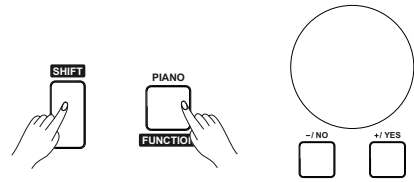
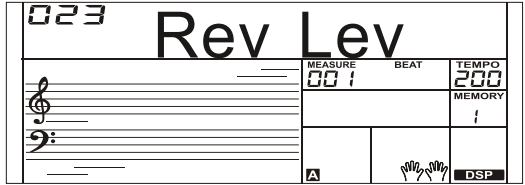
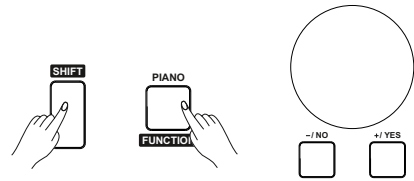


Function Menu

Reverb Level

Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select reverb level. The LCD displays “xxx Rev Lev”, adjustable range is: 0-32.

Use the [+YES]/ [-NO] button or data dial to change reverb level, press the [+YES] and [-NO] buttons simultaneously to restore its default setting: 23.



Chorus Type

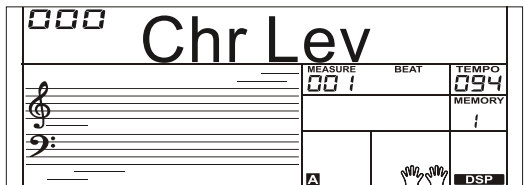
Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select chorus type menu. The LCD displays “004 ChrGMCr2”, Use the [+YES]/ [-NO] button or data dial to change chorus type, the default setting is GM Chorus 2.

| NO. | LCD Display | Chorus Type |
|-----|-------------|-------------|
| 1 | ChrChrs1 | Chorus 1 |
| 2 | ChrChrs2 | Chorus 2 |
| 3 | ChrGMCr1 | GM Chorus 1 |
| 4 | ChrGMCr2 | GM Chorus 2 |
| 5 | ChrFlgr1 | Flanger 1 |
| 6 | ChrFlgr2 | Flanger 2 |
| 7 | ChrRtry1 | Rotary 1 |
| 8 | ChrRtry2 | Rotary 2 |

Chorus Level

Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select chorus level menu. The LCD displays “xxx Chr Lev”, adjustable range: 0-32.

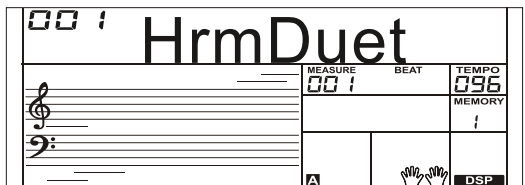
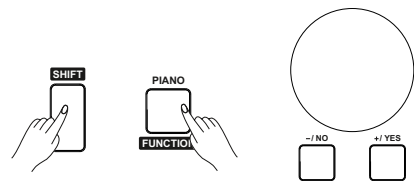
Use the [+YES]/ [-NO] button or data dial to change chorus level, Press the [+YES] and [-NO] buttons simultaneously to restore its default setting: 0.



Harmony Type

Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select harmony type menu. The LCD displays “001 HrmDuet”.

Use [+YES]/ [-NO] button or data dial to change harmony type. The harmony types are as follows:



| No. | LCD Display | Harmony Type |
|-----|-------------|--------------|
| 1 | HrmDuet | Duet |
| 2 | HrmStdTri | StandardTrio |
| 3 | HrmFulCd | Full Chord |
| 4 | HrmRkDut | Rock Duet |
| 5 | HrmCtDut | Country Duet |
| 6 | HrmCtTri | Country Trio |
| 7 | HrmBlock | Block |
| 8 | Hrm4Cls1 | 4 Close 1 |
| 9 | Hrm4Cls2 | 4 Close 2 |
| 10 | Hrm4Open | 4 Open |
| 11 | Hrm1+5 | 1+5 |
| 12 | HrmOctv1 | Octave 1 |
| 13 | HrmOctv2 | Octave 2 |
| 14 | HrmStrum | Strum |

Press [+YES] and [-NO] buttons simultaneously restore to its default setting: Hrm Duet.

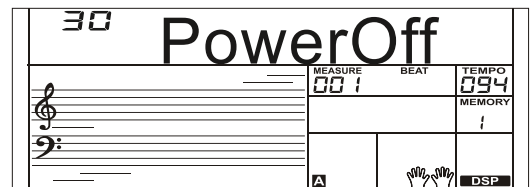
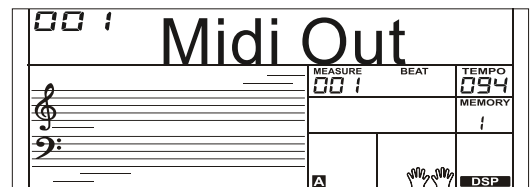
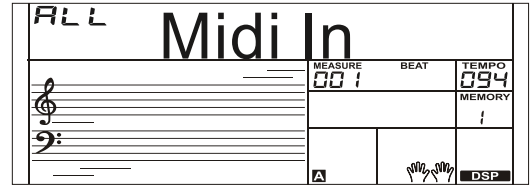
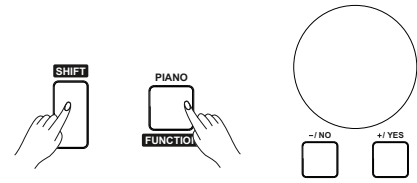
MIDI IN/ OUT

Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select MIDI in/ out menu. The LCD displays “xxx Midi In”/ “xxx Midi Out”.

1. Use [+ /YES]/ [- /NO] button or data dial to change MIDI in channel: 1~16, ALL. Press [+ /YES] and [- /NO] buttons simultaneously to restore MIDI in channel to its default setting: ALL.
2. Use [+ /YES]/ [- /NO] button or data dial to change MIDI out channel: 1~16. Press [+ /YES] and [- /NO] buttons simultaneously to restore MIDI out channel to its default setting: 1.

Auto Power Off

1. Press and hold the [SHIFT] button and then repeatedly press the [FUNCTION] button to select auto power off menu. The LCD displays “xxx Power Off”. Use [+ /YES]/ [- /NO] button or data dial to change auto power off time. This function can offer three options: 30 minutes, 60 minutes or OFF and the default setting is: 30 minutes.



Mixer

Mixer function can control the volume of different tracks. It just likes a mini type mixing controller, separately control the left/right hand track volume, bass track volume, and rhythm track volume and so on.

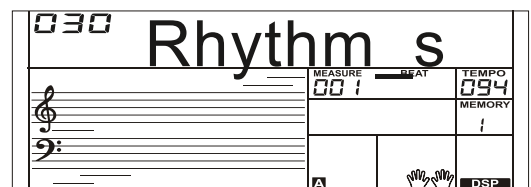
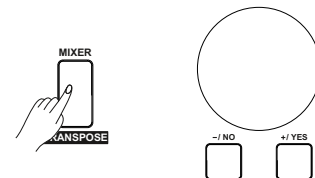
1. Press the [MIXER] button to enter the mixer function menu, the LCD displays “030 Rhythm_s” for the first time when powered on; after then it will keep your last options every time.
2. Repeatedly press the [MIXER] button to select one that you want to set. Use [+ /YES]/ [- /NO] button or data dial to change parameters.

The option and parameters are as follows:

| Content | LCD Display | Range | Default Value |
|-------------------------------------|--------------|-------|---------------|
| Adjust the Rhythm track volume. | XXX Rhythm_s | 0-32 | 30 |
| Adjust the Percussion track volume. | XXX Rhythm_m | 0-32 | 30 |
| Adjust the Bass track volume. | XXX Bass | 0-32 | 27 |
| Adjust the Chord 1 track volume. | XXX Chord1 | 0-32 | 30 |
| Adjust the Chord 2 track volume. | XXX Chord2 | 0-32 | 30 |
| Adjust the Chord 3 track volume. | XXX Chord3 | 0-32 | 30 |
| Adjust the Phrase 1 track volume. | XXX Phrase1 | 0-32 | 30 |
| Adjust the Phrase 2 track volume. | XXX Phrase2 | 0-32 | 30 |
| Adjust the Upper 1 track volume. | XXX Upper 1 | 0-32 | 22 |
| Adjust the Upper 2 track volume. | XXX Upper 2 | 0-32 | 22 |
| Adjust the Lower track volume. | XXX Lower | 0-32 | 20 |

Note:

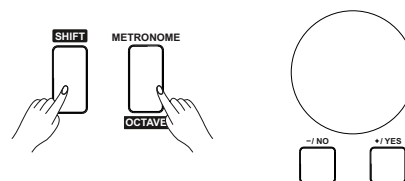
The function menu status will exit if no operation is done within 5 seconds.



Effect Related Settings

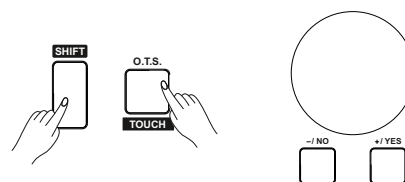
Octave

Press and hold the [SHIFT] button and then press the [OCTAVE] button to select octave function menu. The LCD displays “xxx Octave”. Use [+ / YES] / [- / NO] button or data dial to change octave value, adjustable range is: -1 ~ +1. Press the [+ / YES] and [- / NO] buttons simultaneously to restore default setting: 0.



Touch

1. Press and hold the [SHIFT] button and then press the [TOUCH] button to enter touch menu. The LCD displays “xxx Touch”.
2. Use [+ / YES] / [- / NO] button or data dial to change touch response level. Default level of touch response is 2.
3. If the value is set to OFF, that means no touch response to keyboard.
4. The touch function lets you dynamically and expressively controls the level of the voice with your playing strength – just as on an acoustic instrument.



Metronome

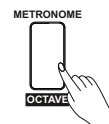
The metronome provides a click sound, giving you an accurate tempo guide when you practice, or letting you hear and check how a specific tempo sounds.

Press [METRONOME] button to start the metronome.

To stop the metronome, press the [METRONOME] button again. (The metronome type can be set in the function menu.)

Note:

The metronome and style can be started at the same time. If you start the metronome after the style stop playing, the beat type will be changed as metronome setting; if you start the metronome while the style is playing, the beat type will be changed as style setting.

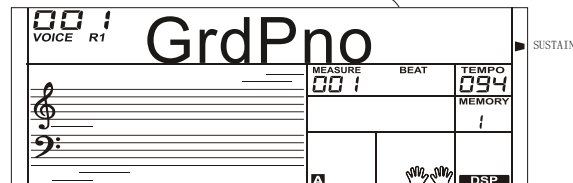
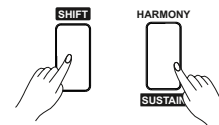


Sustain

1. Press and hold the [SHIFT] button and then press the [SUSTAIN] button to start sustain function. All notes will sustain even after releasing the keys.
2. To stop the sustain function, press and hold the [SHIFT] button and then press the [SUSTAIN] button again.

Note:

If you want a better sustain effect, you can use a sustain pedal. (Refer to pedal function for more details.)



Pitch Bend

Use the pitch bend wheel to bend notes up (roll the wheel away from you) or down (roll the wheel toward you) while playing the keyboard. The pitch bend wheel is self-centering and will automatically return to normal pitch when released.

You can use the pitch bend wheel to imitate the guitar, violin, saxophone, urheen, suona and other instruments pitch bend effect, make your performance more vivid.

Modulation

The Modulation function applies a vibrato effect to notes played on the keyboard. This is applied to all the keyboard parts. Pressing the [MODULATION] button to add modulation effect and releasing [MODULATION] button to stop modulation effect.

This modulation effect is very important to those performances with urheen, guitar, and violin these string instruments, make your performance more vivid.

DSP

1. Press and hold the [SHIFT] button and then press the [DSP] button to set the DSP effect on and the icon on the LCD is lightened when keyboard is power on.
2. Stop DSP effect, press and hold the [SHIFT] button and then press the [DSP] button again to turn DSP effect off.

Note:

What is DSP?

The DSP is a simulate sounds of sound localization technology in the real environment. Since each sound should be produced in a certain space, so when you at home, in cinema or in the wilderness, even play the same violin you can hear different sounds, the difference sounds are caused by different atmosphere

Transpose

Press and hold the [SHIFT] button and then press the [TRANPOSE] button to start transpose function.

Use [+ / YES] / [- / NO] button or data dial to change transpose value, adjustable range: -12~ +12, the default value is: 0. The LCD displays "xxx Transpos".

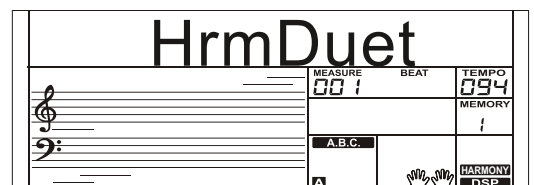
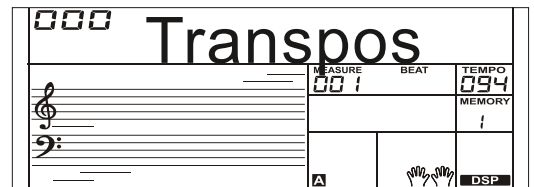
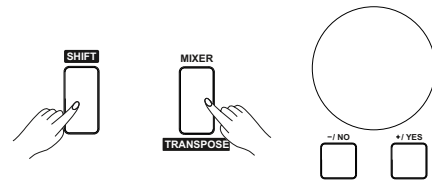
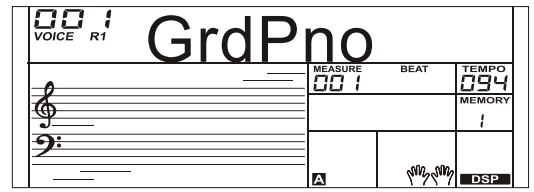
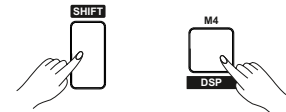
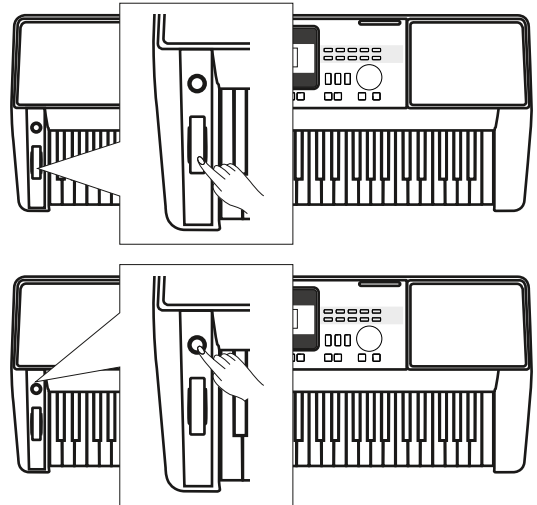
Harmony

The harmony function can add harmony effect to the main voice. If you turn the harmony on, the harmony function will automatically add harmony notes to the notes played in the right-hand section, which gives you a rich and harmonic expression.

1. Press the [CHORD MODE] button to turn auto accompaniment on.
2. Press the [HARMONY] button to turn the harmony effect on.
3. Play a chord with your left hand.
4. Play some notes in the right-hand range of the keyboard. When a Harmony type is selected, this type automatically add one or more harmony notes to a single-note melody played in the right-hand.

Note:

1. Harmony cannot be turned on when the Full Range fingering mode is selected.
2. The harmony types of "1+5", "Octave 1" or "Octave 2" will respond whether the A.B.C. is open or not. Other types of harmony will respond only when the A.B.C. is open.



Register Memory

The Registration Memory feature can make your performance more easily and efficiently. It allows you to save virtually all panel settings to a Registration Memory setting, and you can instantly recall custom panel settings by pressing a single button.

Registration Banks

There are 8 memory banks, and each bank has 4 memories (M1-M4).

Registering the Panel Setting and Recalling the Registered Panel Settings

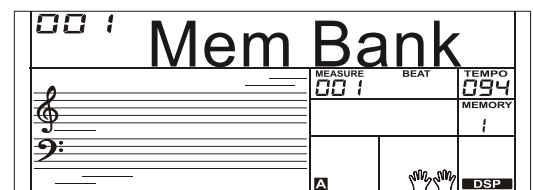
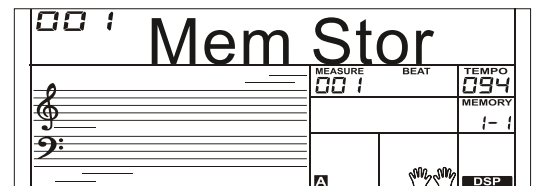
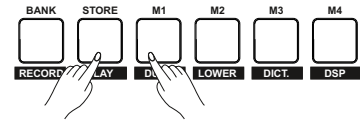
1. Holding down the [STORE] button press one of the registration memory buttons: [M1] - [M4]. Notice that the new settings will replace the previous memory data.
2. Press one of the registration memory buttons: [M1] - [M4]. In this example, press [M2] button, the panel settings stored in the memory 2 of bank 1 are recalled.
3. Press the [BANK] button, adjustable range 1~ 8, the LCD displays "00x Mem Bank".

Store Parameters to M1-M4

You can store the following parameters to M1-M4: Voice (including voice, dual, lower, DSP, mixer), Accompaniment (including style, tempo, and accompaniment no/off), Function Parameters (including velocity, part parameters in function menu).

Note:

1. Calling up a registered memory, change its parameters differently, the memory number which displayed on the LCD will be cleared.
2. All the memory parameters will be saved even turn the power off.



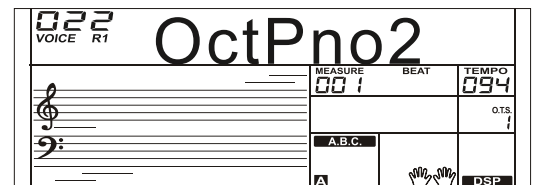
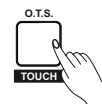
One Touch Setting

When One Touch Setting is switched on, you can instantly recall all auto accompaniment related settings including voices selection and digital effects simply with a single touch of a button.

1. Press the [O.T.S.] button to turn on the One Touch Setting for current style. The LCD displays "O.T.S.". Press one of the One Touch Setting buttons [M1]-[M4]. Various panel settings (such as voice, effect, etc.) that match the selected style can be instantly recalled with just a single button press. Auto accompaniment is automatically turned on during O.T.S mode and the lower and dual function automatically shut down.
2. If you press the [O.T.S.] button, switch to the registered memory. The LCD displays "MEMORY".
3. The configuration data of O.T.S.:
 Voice (Volume, Pan, Octave)
 Dual (Volume, Pan, Octave)
 Left Hand (Volume, Pan, Octave)

Note:

The O.T.S. automatically turned off when you enter the song mode.



Use the powerful record function; you can record your own keyboard performance real time as a user song, just like using recording equipment, and can also playback it. Up to 5 user songs you can record in this instrument.

Prepare for Recording

1. Before you start recording, you need to select a user song to keep the recording song.
2. Press and hold the [SHIFT] button and then press the [RECORD] button to select a user song, the "REC" icon lights up. The LCD displays "XXX NoFile_X", if you have selected a user song with no record data; or the LCD displays "XXX ReSongX", if you have selected a user song with record data, for example, "001 RecSong1". You can use [+ / YES] / [- / NO] button or data dial to select a user song you want to record.
3. Press and hold the [SHIFT] button and then press the [RECORD] button, the record icon starts flashing. In the recording preparation status, you can adjust parameters such as the voice, style and so on.
4. In the recording preparation status, press and hold the [SHIFT] button and then press the [RECORD] button to exit the record mode.

Note:

The new record will cover the user song you have selected.

Start Recording

1. In the recording preparation status, press the [START/STOP] button to start recording. The LCD displays the four beat points flash in circle, and count the measures. You can start/ stop recording by pressing the [STAR/ STOP] button as you like.
2. Or you can play the keyboard to start recording. When the A.B.C. is open, play any key in left hand section would start accompaniment with chord. When the A.B.C is closed, press the [START/ STOP] button twice would start accompaniment.
3. While recoding, the [SYNC START] button is unavailable.

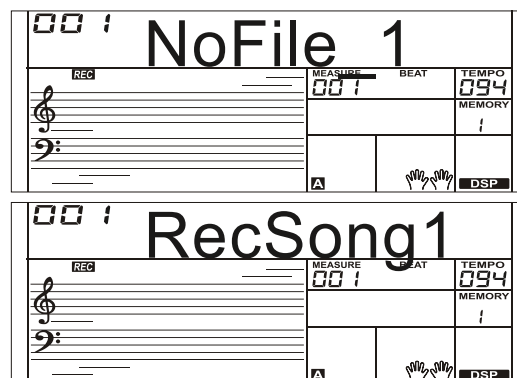
Stop Recording

Manually Stop Recording

Press and hold the [SHIFT] button and then press the [RECORD] button to stop recording. The "REC" icon, beat count and record icon are going out.

Automatically Stop Recoding

1. When recording is in process, if the memory is full, the recording will stop and save automatically.
2. If you choose the accomp recording, the recording will stop automatically when the ending of the rhythm finishes.



Record

Playback Recording

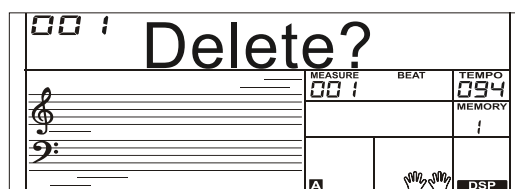
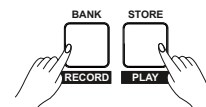
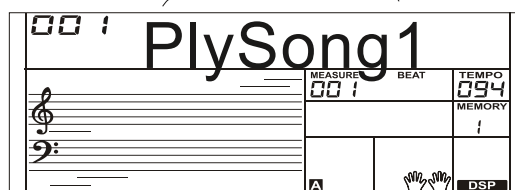
1. When recording is in process, holding down [SHIFT] button and then press the [PLAY] button to enter the selection interface. The LCD displays “XXX NoFile_X”, if you have selected a user song with no record data; or the LCD displays “XXX PlySongX”, if you have selected a user song with record data, for example, “001 PlySong1”. You can use [+ /YES] / [- /NO] button or data dial to select a user song you want to playback.
2. Press and hold the [SHIFT] button and then press the [PLAY] button to playback the user song.
3. If want to stop playing record, press and hold the [SHIFT] button and then press the [PLAY] button.

Delete User Song

1. Pressing and holding [RECORD] and [SONG] button together and turn power on simultaneously, all user songs will be erased.
2. In the recording playback status, holding down [SHIFT] button and then press the [RECORD] button, the LCD will display “Delete?”, press [+ /YES] button to confirm delete user song, press the [- /NO] button to cancel delete user song.

Note:

All user songs won't be erased even turn the instrument off.



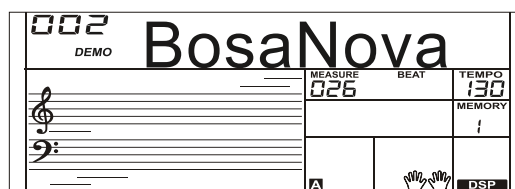
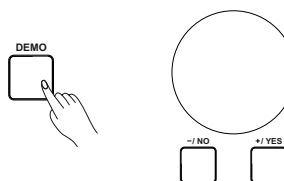
Playing the Demo Song

This instrument features 5 wonderful demos. Please refer to Demo List.

1. Press the [DEMO] button, the DEMO icon is lit, all demo songs will be played in circle.
2. Use [+ /YES] / [- /NO] button or data dial to select different demo song. Press the [DEMO] or [START/STOP] button to stop playing and exit the demo mode.

Note:

In the demo status, all buttons and keys are unavailable except [DEMO], [START/STOP], [+ /YES], [- /NO] button, [TEMPO +], [TEMPO -], data dial, [VOLUME] slider and POWER SWITCH.



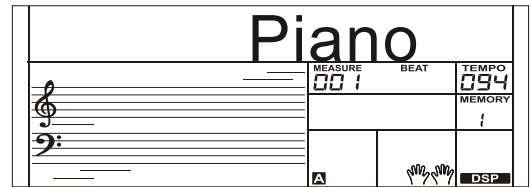
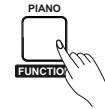
Piano Mode

This function is to set the voice of the whole keyboard to piano instantly.

1. Press the [PIANO] button can enter or exit piano mode.
2. In piano mode, the accompaniment control is the same to other mode. The accompaniment only plays the rhythm part

Note:

In piano mode, you can set the mixer function and enter function menu.

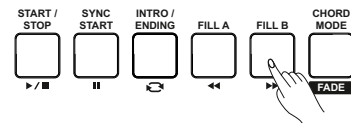
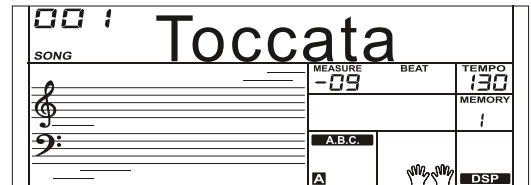


Song

The instrument has 120 songs in all, use [+ / YES] / [- / NO] button and data dial to select a song, and each song can be learned with lesson mode.

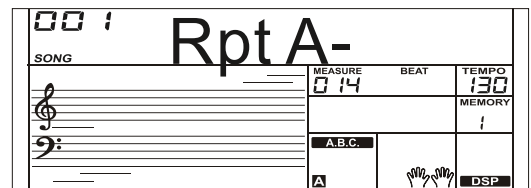
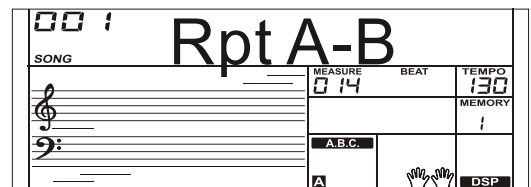
Listening to the Songs

1. Press the [SONG] button to enter the song mode. All songs will be played circularly.
2. Use the [+] or [-] button to select a song
3. When the song is stop playing:
If you press the [SONG] button, it will start all songs playing, the icon of song is lit, press the [SONG] or [START/ STOP] button to stop playing, but still in the song mode.
If you press the [START/STOP] button, it will play current song repeatedly. Start playing songs, the icon of song is lit, press the [SONG] or [START/ STOP] button to stop playing, but still in the song mode. This option is available in lesson mode.
4. When the song is stopped, press the [STYLE] or [VOICE] button will exit the song mode.



Song Control

1. Introductory Beat
Before song start playing, it has the introductory beat; the measure starts from negative value. It begins to play song when the measure goes to 1.
2. REW, FF and PAUSE
When the song is playing:
Press the [◀] button to fast forward the song.
Press the [▶] button to rewind the song (base on the measure).
Press the [⏸] button to pause the playing song, press again to continue playing.
3. Song Repeat
When playing the song, press the [↺] to set the loop begin and press it again to set the loop end. When in loop status, press [↺] again to quit the loop playing status.



Song

Lesson Mode

This lesson mode is consisting of four combination buttons: [SHIFT] + [LESSON], [SHIFT] + [L], [SHIFT] + [R] and [SHIFT] + [L] + [R].

1. Enter the lesson mode

While the song is stop playing, holding down the [SHIFT] button and press the [LESSON] button.

2. Select the practice hand.

All songs can be learned in this mode and in three types: time training, note training and performance mode. And the keyboard has a grading system to help you to know well about your progress.

There are 3 levels of the lessons. Use [SHIFT] + [L], [SHIFT] + [R] or [SHIFT] + [L] + [R] button to select which hand you want to practice. If neither hand is selected, the keyboard will automatically select the right hand practice for you.

Note:

1. According to the type of the song, the content of your practice by left hand is different. If you choose a rhythm song, the left hand practices the chord; if you choose a piano song, the left hand practices the melody. But some the MIDI song does not support this left hand lesson mode.
2. You cannot change the practice mode when the song is playing. Unless you quit practicing process, or you will get a comment, which can be used to judging your learning level.
3. When the song is playing, the staff and the chord will be displayed on the LCD, indicate the melody and chord position, and it will be convenient for you to practice.

Lesson 1 - Practice timing

While the song stop playing, press the combination [SHIFT] + [LESSON] buttons to enter the lesson mode. The "LESSON 1" icon is lightened on the LCD. In Lesson 1 mode, the keyboard only grade the time value of the playing, don't care the correction of the note. As long as the time value is correct, the melody will sound.

Lesson 2 - Practice note accuracy

Press the [SHIFT] + [LESSON] buttons again to enter the lesson 2 mode.

The "LESSON 2" icon lights up. In LESSON 2 mode, the keyboard only grades your practice by the note; doesn't care about the correctness of the timing. Only when you play the correct note, the song will continue to the next note.

Lesson 3 - Performance

Press the [SHIFT] + [LESSON] button in LESSON 2 to enter the lesson 3 mode. Or you can repeatedly press the [LESSON] button when the song stops playing. The "LESSON 3" icon lights up. In LESSON 3 mode, it will score your practice by the correction of the time value and note.

Comment Function:

The LESSON 1, LESSON 2 and LESSON 3 have this comment function, and it can be divide into 4 classes.

Corresponding to your playing grade, the system will play back different effect voices.

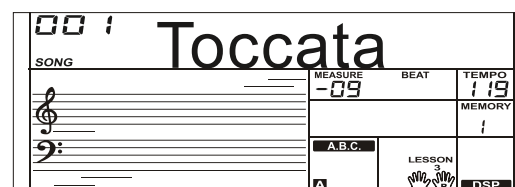
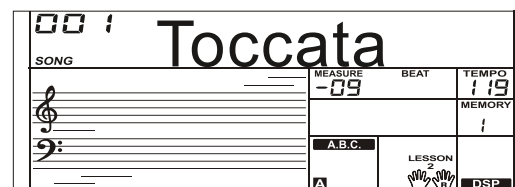
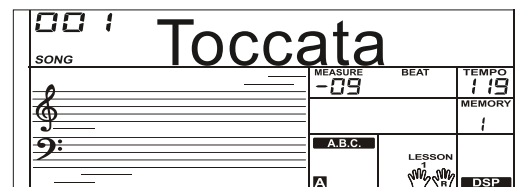
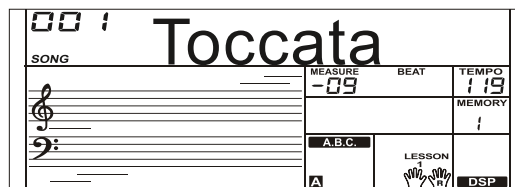
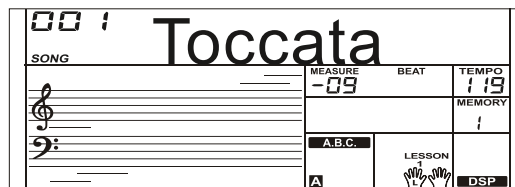
The 1 class: "Excellent!"

The 2 class: "Very Good!"

The 3 class: "Good!"

The 4 class: "Try Again!"

Automatically play back the current song after comments part, and keep up the original lesson mode.



Chord Dictionary

If you know the name of a chord but don't know how to play it, you can use the Chord Dictionary function. You can learn the chord and test in this features. Displaying the chord notes on LCD and helping you clearly know the correct way to play chords.

Dict 1 (Chord Learning Mode)

- Press and hold the [SHIFT] button and then press the [DICT.] button to enter the DICT 1 mode.
The LCD display "Dict.1", and the A.B.C. automatically set to on. In DICT 1 mode, the keys C4~B5 are used to assign the Chord Type, the keys C6~B6 are used to assign the Chord Root. When the Chord Type and Chord Root are confirmed, the notes you should play for the specified chord (root and chord type) are shown in the LCD as the notation and also in the keyboard diagram.

Dict 2 (Chord Examining Mode)

In DICT 1 mode, press and hold the [SHIFT] button and then press the [DICT.] button to enter the DICT 2 mode. This is an Examining mode. The chord area on the LCD will display a random chord while the keyboard position doesn't display anything on LCD. When you play the correct chord within 3 seconds, the next chord (random) will be displayed on LCD to wait for the correct chord playing. If not, LCD will display the corresponding keyboard position automatically.

Exit Chord Dictionary

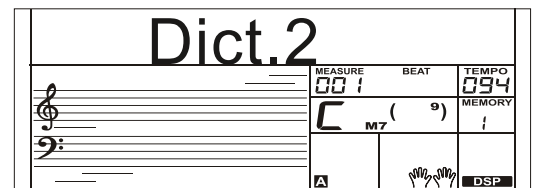
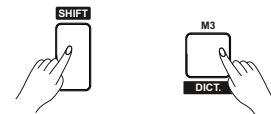
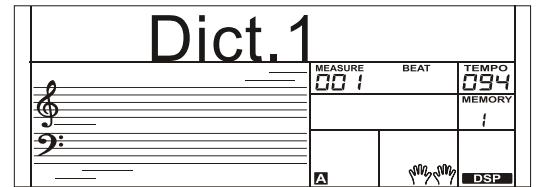
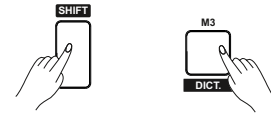
In DICT 2 mode, Press and hold the [SHIFT] button and then press the [DICT.] button again to turn off chord dictionary.

Note:

The keyboard does not sound when specified the chord root and chord type in the right hand section. Play a chord in the left hand section, a prompt sound will be heard when you play it correctly, or play back the corresponding chord to remind you.

24 Chords will be displayed in the dictionary mode as follows:

| Note | Chord Root | Note | Chord Root | Note | Chord Root |
|------|------------|------|------------|------|------------|
| C6 | C | C4 | M | C5 | 7 (b9) |
| C#6 | C#/Db | C#4 | M(9) | C#5 | 7 (9) |
| D6 | D | D4 | 6 | D5 | 7 (#9) |
| Eb6 | Eb/D# | Eb4 | mM7 | Eb5 | 7 (b13) |
| E6 | E | E4 | M7 | E5 | 7 (13) |
| F6 | F | F4 | M | F5 | 7 (#11) |
| F#6 | F#/Gb | F#4 | M(9) | F#5 | dim7 |
| G6 | G | G4 | M6 | G5 | dim |
| Ab6 | Ab/G# | Ab4 | M7 (9) | Ab5 | 7aug |
| A6 | A | A4 | M7 | A5 | aug |
| Bb6 | Bb/A# | Bb4 | M7b5 | Bb5 | 7sus4 |
| B6 | B | B4 | 7 | B5 | sus4 |
| | | | | | |



Pedal Function

Using pedal function can makes your performance more naturally and with greater expressiveness.

Multi-function Pedal

You can refer to Pedal Type chapter for details.

1. Sustain Pedal

This pedal function performs the same function as the damper pedal on an acoustic piano, letting you sustain the sound of voices even after releasing the keys.

Step and press on the pedal to turn the sustain effect on.
Release the pedal to turn the sustain effect on.

2. Soft Pedal

When the soft pedal is selected, pressing this pedal and makes them (the notes you play) sound softer.

3. Save Pedal

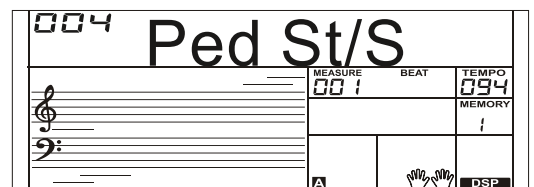
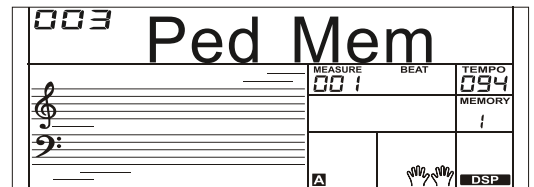
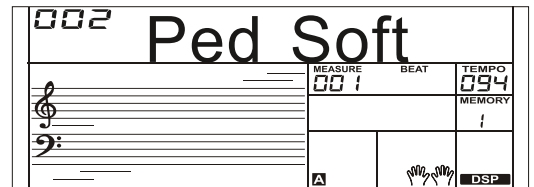
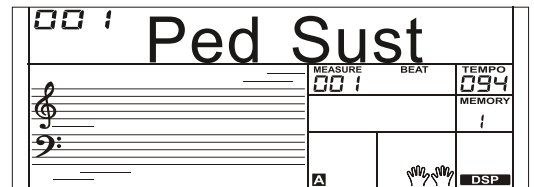
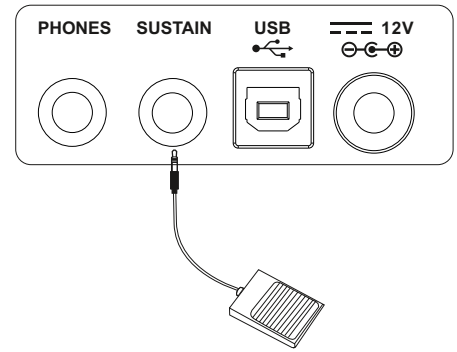
When the save pedal is selected, pressing this pedal at the first time to call up register memory: M1, and then you can call up register memory M2, M3...by pressing this pedal step by step (There are 32 memories).

Note:

When you pressing this pedal and change memory number, the pedal function setting of register memory will be overlapped or ignored.

4. Style Start/Stop Pedal

When the style start/stop pedal is selected, pressing this pedal to start/stop accompaniment.



With the MIDI functions you can expand your musical possibilities. This section will let you know what MIDI is, and what it can do, as well as how you can use MIDI on your instrument.

What's MIDI?

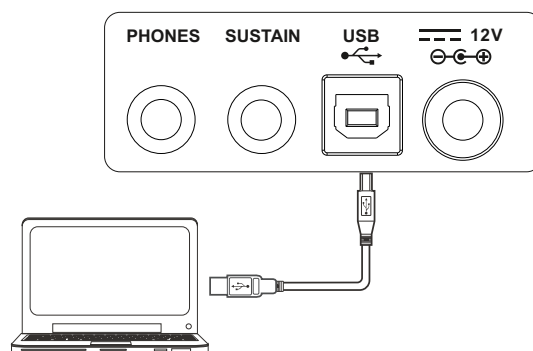
1. MIDI (short for Musical Instrument Digital Interface) allows a wide variety of electronic musical instruments, computers and other related devices to connect and communicate with one another. MIDI carries event messages that specify notation, pitch and velocity, control signals for parameters such as volume, vibrato, audio panning, and program change information to change the voice selections.
2. The instrument can output the real-time playback information via MIDI and control external MIDI devices. The instrument can also accept incoming MIDI messages and generate sound accordingly.

Note:

This instrument has a USB(DEVICE) terminal, which can be connected to a PC as an MIDI input or MIDI output. This can not be connected with another instrument, unless other USB host device with an USB terminal.

The main application of midi

1. Used as a tone generator
This instrument can receive MIDI data from computer, and execute MIDI controls to change channels, change voices, add effect and make sound and so on. Refer to MIDI Implementation Chart for more MIDI controls.
2. Used as a MIDI Keyboard
This instrument will send MIDI data to your computer and these MIDI data are record, when you play keys, change voice and turn DSP on/off. If you play keys with accompaniment, the computer can only record your performance only. You can also edit all records, such as change channels, change voices and add DSP effects and so on, on your computer. And then you can play back them by other sound source (for example the sound card of computer). It is available to play with the instrument while playing back records. Refer to MIDI Implementation Chart for more MIDI controls.



Troubleshooting

| Problem | Possible Cause and Solution |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The speakers produce a pop sound whenever the power is turned ON or OFF. | This is normal and is no cause for alarm. |
| No sound when the keyboard is played. | The R1/R2/L voice volume (Mixer) settings could be set too low. Make sure the voice volumes are set at appropriate levels. |
| When using a mobile phone, noise is produced. | Using a mobile phone in close proximity to the instrument may produce interference. To prevent this, turn off the mobile phone or use it further away from the instrument. |
| The auto accompaniment does not play back even Sync is in standby condition and a key is pressed. | You may be trying to start accompaniment by playing a key in the right-hand range of the keyboard. To start the accompaniment with Sync Start, make sure to play a key in the left-hand range of the keyboard. |
| Certain notes sound at wrong pitch. | Make sure that the tuning value is set to 0. Press and hold the [+ / YES] and [- / NO] buttons at the same time, then turning the power on will set INSTRUMENT to default. |
| The Harmony function does not operate. | And Harmony cannot be turned on when a drum kit is selected for the voice R1. |

Notice:

If you notice any abnormality cannot handle, please connect the provider or specified repair station, and have the instrument inspected by qualified service personnel.

Specifications

Keys

61 Keys with Touch Keyboard, 3 Touch Levels

LCD Display

Multi-functional LCD

Polyphony

128

Voices

508

Styles

180

Demos

5

Songs

120

Tempo

30-280

Panel Memory

32

DSP

Use this feature you will hear a broader and fuller play effect

Chord mode

Single-finger, Multi-finger

Chord dictionary

Convenient for users to learn chords

Accompany [song] control button

Start/Stop, Sync Start, Intro/Ending, Fill A, Fill B, Chord mode(Fade).

Record

5 user song, support playback

Control button

Power Switch, Volume Slider, Style Direct Button, Shift, Tempo+/- (Accomp+/-), Metronome(Octave), Mixer(Transpose), Harmony(Sustain), Start/Stop, Sync Start, Intro/Ending, Fill A, Fill B, A.B.C.(Fade), Bank(Record), Store(Play), M1(Dual), M2(Lower), M3(Dict.), M4(DSP), O.T.S.(Touch), Voice Direct Button, Voice(L), Style(R), Song(Lesson), Piano(Function), Demo, -/NO, +/YES, Data Dial

Connectors

USB IN, Multi-function Pedal, Headphones/Output

Power Supply

DC 12V IN

Speaker

4ohm 10W x 2

Dimensions

970 x 370 x 142 mm

Weight

6 kg

* All specifications and appearances are subject to change without notice.

Voice List

| NO. | Name | LCD Name |
|-----------------------------|---------------------------------|----------|
| Piano | | |
| 1 | Acoustic Grand Piano | GrdPno |
| 2 | Acoustic Grand Piano 2 | GrdPno 2 |
| 3 | Acoustic Grand Piano (wide) | GrdPnoW |
| 4 | Acoustic Grand Piano (dark) | GrdPnoD |
| 5 | Bright Acoustic Piano | BritePn |
| 6 | Bright Acoustic Piano 2 | BritePn2 |
| 7 | Bright Acoustic Piano (wide) | BritePnW |
| 8 | Electric Grand Piano | E.Piano |
| 9 | Electric Grand Piano 2 | E.Piano2 |
| 10 | Electric Grand Piano (wide) | E.GdPnoW |
| 11 | Electric Grand Piano (dark) | E.GdPnoD |
| 12 | Honky Tonk Piano | HnyTonk |
| 13 | Honky Tonk Piano 2 | HnyTonk2 |
| 14 | Honky Tonk Piano (wide) | HnyTonkW |
| 15 | Honky Tonk Piano (dark) | HnyTonkD |
| 16 | Harpsichord | Harpsi |
| 17 | Harpsichord 2 | Harpsi 2 |
| 18 | Harpsichord (octave mix) | HarpsiO |
| 19 | Harpsichord (wide) | HarpsiW |
| 20 | Harpsichord (with key off) | HarpsiK |
| 21 | Octave Grand Piano | OctPno |
| 22 | Octave Grand Piano 2 | OctPno 2 |
| 23 | Piano & Strings | Pno&Str |
| 24 | Piano & Pad | Pno&Pad |
| 25 | Piano & Choir | Pno&Cho |
| 26 | Piano & EP | Piano&EP |
| 27 | Piano & Vibraphone | Pno&Vib |
| 28 | Detuned Electric Piano | DetEP |
| 29 | Detuned Electric Piano 2 | DetEP 2 |
| 30 | Electric Piano | E.Pno |
| 31 | Electric Piano 2 | E.Pno 2 |
| 32 | Electric Piano 3 | E.Pno 3 |
| 33 | Electric Piano 4 | E.Pno 4 |
| 34 | Electric Piano 1 (velocity mix) | VelEP 1 |
| 35 | Electric Piano 2 (velocity mix) | VelEP 2 |
| 36 | 60's Electric Piano | 60's EP |
| 37 | EP Legend | E.Legend |
| 38 | Phase EP | Phase EP |
| 39 | Clavi | Clavi |
| 40 | Clavi 2 | Clavi 2 |
| 41 | Phase Clavi | PhaClavi |
| 42 | Wah Clavi | WahClavi |
| 43 | Pulse Clavi | PulClavi |
| 44 | Dream EP | DreamEP |
| 45 | Tremolo EP | TremEP |
| 46 | Funk EP | Funk EP |
| 47 | Warm EP | Warm EP |
| 48 | Choir EP | Choir EP |
| 49 | Wah EP | Wah EP |
| 50 | Modern EP | ModernEP |
| 51 | EP Pad | EPPad |
| Chromatic Percussion | | |
| 52 | Celesta | Celesta |
| 53 | Glockenspiel I | Glckspl |

| | | |
|---------------|-----------------------------------|----------|
| 54 | Music Box | Mbox |
| 55 | Vibraphone | Vibra |
| 56 | Vibraphone (wide) | VibraW |
| 57 | Marimba | Marimba |
| 58 | Marimba (wide) | MarimbaW |
| 59 | Xylophone | Xyloph |
| 60 | Tubular Bells | TubulBe |
| 61 | Church Bell | ChurBell |
| 62 | Carillon | Carillon |
| 63 | Dulcimer | Dulcime |
| 64 | Santur | Santur |
| Organ | | |
| 65 | Italian 60's Organ | 60'sOr |
| 66 | Drawbar Organ | DrawOr |
| 67 | Drawbar Organ 2 | DrawOr 2 |
| 68 | Detuned Drawbar Organ | DetDrOr |
| 69 | Drawbar Organ 3 | DrawOr 3 |
| 70 | Detuned Percussive Organ | DetPerOr |
| 71 | Percussive Organ | PercOr |
| 72 | Percussive Organ 2 | PercOr 2 |
| 73 | 70's Percussive Organ | 70'sPeOr |
| 74 | Percussive Organ 3 | PercOr 3 |
| 75 | Rock Organ | RockOr |
| 76 | Rock Organ 2 | RockOr 2 |
| 77 | Rock Organ 3 | RockOr 3 |
| 78 | Church Organ | ChurOr |
| 79 | Church Organ 2 | ChurOr 2 |
| 80 | Church Organ 3 | ChurOr 3 |
| 81 | Church Organ (octave mix) | ChurOrO |
| 82 | Detuned Church Organ | DetChuOr |
| 83 | Reed Organ | ReedOr |
| 84 | Reed Organ 2 | ReedOr 2 |
| 85 | Rotary Organ | RotaryOr |
| 86 | Puff Organ | PuffOr |
| 87 | Accordion | Acordi |
| 88 | Accordion 2 | Acordi 2 |
| 89 | Accordion 3 | Acordi 3 |
| 90 | Harmonica | Harmni |
| 91 | Harmonica 2 | Harmni 2 |
| 92 | Harmonica 3 | Harmni 3 |
| 93 | Tango Accordion | TangoAc |
| 94 | Tango Accordion 2 | TangoAc2 |
| Guitar | | |
| 95 | Acoustic Guitar (nylon) | NylGt |
| 96 | Acoustic Guitar (nylon) 2 | NylGt 2 |
| 97 | Acoustic Guitar (nylon) 3 | NylGt 3 |
| 98 | Acoustic Guitar (nylon + key off) | NylGtK |
| 99 | Ukulele | Ukulele |
| 100 | Acoustic Guitar (steel) | Ac.Gt |
| 101 | Acoustic Guitar (steel) 2 | Ac.Gt 2 |
| 102 | 12-Strings Guitar | 12StrGt |
| 103 | Mandolin | Mandol |
| 104 | Mandolin 2 | Mandol 2 |
| 105 | Steel Guitar with Body Sound | SteGtBod |
| 106 | Electric Guitar (jazz) | JazzGt |
| 107 | Electric Guitar (jazz) 2 | JazzGt 2 |

Voice List

| | | |
|-----|---------------------------------------------|----------|
| 108 | Electric Guitar (pedal steel) | PedalGt |
| 109 | Electric Guitar (clean) | CleaGt |
| 110 | Electric Guitar (clean) 2 | CleaGt 2 |
| 111 | Electric Guitar (detuned clean) | DetClGt |
| 112 | Mid Tone Guitar | MidGt |
| 113 | Electric Guitar (muted) | MuteGt |
| 114 | Electric Guitar (muted) 2 | MuteGt 2 |
| 116 | Electric Guitar (funky cutting) | FunkGt |
| 117 | Electric Guitar (muted velo-sw) | VelMutGt |
| 118 | Jazz Man | JazzMan |
| 119 | Overdriven Guitar | OverGt |
| 120 | Overdriven Guitar 2 | OverGt 2 |
| 121 | Guitar Pinch | GtPinch |
| 122 | Distortion Guitar | DistGt |
| 123 | Distortion Guitar 2 | DistGt 2 |
| 125 | Distortion Guitar (with feedback) | DistFeGt |
| 126 | Guitar Feedback | FeedbGt |
| 127 | Distorted Rhythm Guitar | DistRhGt |
| 128 | Guitar Harmonics | GtHarmo |
| 129 | Guitar Harmonics 2 | GtHarmo2 |
| 129 | Velocity Nylon Guitar | VelNylGt |
| 130 | Bass | |
| 132 | Acoustic Bass | A.Bass |
| 133 | Acoustic Bass 2 | A.Bass 2 |
| 134 | Wah Bass | WahBass |
| 135 | Electric Bass (finger) | FingerBa |
| 136 | Finger Slap Bass | FinrSlBa |
| 137 | Electric Bass (pick) | PickBa |
| 138 | Electric Bass (pick) 2 | PickBa 2 |
| 139 | Fretless Bass | FretBa |
| 140 | Fretless Bass 2 | FretBa 2 |
| 142 | Slap Bass | SlapBa |
| 143 | Slap Bass 2 | SlapBa 2 |
| 144 | Slap Bass 3 | SlapBa 3 |
| 145 | Slap Bass 4 | SlapBa 4 |
| 146 | Synth Bass | SynBa |
| 147 | Synth Bass 2 | SynBa 2 |
| 148 | Synth Bass 3 | SynBa 3 |
| 149 | Synth Bass 4 | SynBa 4 |
| 150 | Warm Synth Bass | WarSynBa |
| 152 | Rsonance SynBass | ResSynBa |
| 153 | Clavi Bass | ClaviBa |
| | Hammer | Hammer |
| 154 | Attack Bass | AttackBa |
| 155 | Synth Bass (rubber) | RubBa |
| 156 | Synth Bass (rubber) 2 | RubBa 2 |
| 157 | Attack Pulse | AttPulse |
| 158 | Strings & Orchestral Instruments | |
| 160 | Violin | Violin |
| 161 | Violin 2 | Violin 2 |
| | Violin (slow attack) | SlowVin |
| | Viola | Viola |
| | Viola 2 | Viola 2 |
| | Cello | Cello |
| | Cello 2 | Cello 2 |
| | Contrabass | ConBa |

| | | |
|-----|----------------------|----------|
| 162 | Tremolo Strings | TreStr |
| 163 | Tremolo Strings 2 | TreStr 2 |
| 164 | Pizzicato Strings | PizStr |
| 165 | Orchestral Harp | Harp |
| 166 | Yang Chin | YangChin |
| 167 | Timpani | Timpani |
| 168 | String Ensembles | StrEns |
| 169 | String Ensembles 2 | StrEns 2 |
| 170 | String Ensembles 3 | StrEns 3 |
| 171 | String Ensembles 3 | StrEns 3 |
| 172 | Strings & Brass | Str&Brs |
| 173 | 60's Strings | 60's Str |
| 174 | Synth Strings | SynStr |
| 175 | Synth Strings 2 | SynStr 2 |
| 176 | Synth Strings 3 | SynStr 3 |
| 177 | Choir Aahs 2 | ChoAah |
| 178 | Choir Aahs | ChoAah 2 |
| 179 | Choir Aahs | ChoAah 2 |
| 180 | Voice Oohs | VoiOhs |
| 181 | Humming | Humming |
| 182 | Anlong Voice | AnlVoice |
| 183 | Synth Voice | SynVo |
| 184 | Orchestra Hit | OrcHit |
| 185 | Bass Hit Plus | BaHit |
| 186 | 6th Hit | 6th Hit |
| 187 | Euro Hit | Euro Hit |
| | Brass | |
| 189 | Trumpet | Trumpet |
| 190 | Dark Trumpet | DarkTp |
| 191 | Trombone | Tromb |
| 192 | Trombone 2 | Tromb 2 |
| 193 | Bright Trombone | BritBone |
| 194 | Tuba | Tuba |
| 195 | Muted Trumpet | MutTp |
| 196 | Muted Trumpet 2 | MutTp 2 |
| 197 | Muted Trumpet 2 | MutTp 2 |
| 198 | French Horn | FrHorn |
| 199 | French Horn 2 | FrHorn 2 |
| 200 | Brass Section | BraSec |
| 201 | Brass Section 2 | BraSec 2 |
| 202 | Synth Brass | SynBra |
| 203 | Synth Brass 2 | SynBra 2 |
| 204 | Synth Brass 3 | SynBra 3 |
| 205 | Synth Brass 4 | SynBra 4 |
| 206 | Synth Brass 5 | SynBra 5 |
| 207 | Synth Brass 5 | SynBra 5 |
| 208 | Analog Synth Brass | AnSyBra |
| 209 | Analog Synth Brass 2 | AnSyBra2 |
| 210 | Analog Synth Brass 3 | AnSyBra3 |
| 210 | Jump Brass | JumBra |
| 211 | Jump Brass 2 | JumBra 2 |
| 212 | Jump Brass 2 | JumBra 2 |
| 213 | Funny | Funny |
| 214 | Funny 2 | Funny 2 |
| | Reed | |
| | Soprano Sax | SopSax |
| | Soprano Sax 2 | SopSax 2 |
| | Alto Sax | AltSax |
| | Tenor Sax | TenoSax |
| | Baritone Sax | BariSax |

| | | |
|-------------------|----------------------------|----------|
| 215 | Oboe | Oboe |
| 216 | 2 Oboe | 2 Oboe |
| 217 | English Horn | EngHorn |
| 218 | 2 English Horn | 2EngHorn |
| 219 | Bassoon | Bassoon |
| 220 | 2 Bassoon | 2Bassoon |
| 221 | Clarinet | Clarine |
| 222 | 2 Clarinet | 2Clarine |
| Pipe | | |
| 224 | Piccolo | Piccolo |
| 225 | 2 Piccolo | 2Piccolo |
| 226 | Sweet Flute | SweetFl |
| 227 | Flute | Flute |
| 228 | 2 Flute | 2 Flute |
| 229 | Recorder | Recorde |
| 230 | 2 Recorder | 2Recorde |
| 231 | Pan Flute | PanFl |
| 232 | Sweet Pan Flute | SwPanFl |
| 233 | Blown Bottle | BloBott |
| 234 | Shakuhachi | Shakuh |
| 235 | Whistle | Whistle |
| | Ocarina | Ocarina |
| Synth Lead | | |
| 237 | Lead 1 (square) | Squ Ld |
| 238 | Lead 1a (square)2 | Squ Ld 2 |
| 239 | Lead 1b (sine) | Sine Ld |
| 240 | Lead 2 (sawtooth) | Saw |
| 241 | Lead 2a (sawtooth) 2 | Saw 2 |
| 242 | Lead 2b (saw + pulse) | Saw&Puls |
| 243 | Lead 2c (double sawtooth) | DoubSaw |
| 244 | Lead 2d (sequenced analog) | SeqAna |
| 245 | Wavy Sawtooth | WavySaw |
| 246 | Super Analog | SuperAna |
| 247 | Lead 3 (calliope) | Callio |
| 248 | Lead 4 (chiff) | ChiffLd |
| 249 | Lead 5 (charang) | CharaLd |
| 250 | Lead 5a (wire lead) | Wire Ld |
| 251 | Lead 6 (voice) | VoiceLd |
| 252 | Lead 7 (fifths) | Fifths |
| 253 | Lead 8 (bass + lead) | Bass&Ld |
| 254 | Lead 8a (soft wrl) | Soft wrl |
| 255 | Massiness | Massin |
| 256 | Square | Square |
| 257 | Slow Square Lead | SlSquLd |
| 258 | Sine Solo | SineSolo |
| 259 | Thick Square | ThickSqu |
| 260 | 2Oscillators Lead | 2OscLd |
| 261 | Wavy Sawtooth | WavySaw |
| 262 | Super Analog | SuperAna |
| 263 | Big Lead | Big Ld |
| 264 | Fat Lead | Fat Ld |
| 265 | PWM 4th | PWM 4th |
| 266 | Delayed Lead | DelLd |
| 267 | Fifth Lead | Fifth Ld |
| | Corrie | Corrie |

| | | |
|------------------|----------------------|----------|
| 268 | Quint | Quint |
| Synth Pad | | |
| 269 | Pad 1 (new age) | NewAge |
| 270 | Pad 2 (warm) | WarmPd |
| 271 | Pad 2a (sine pad) | Sine Pad |
| 272 | Pad 3 (polysynth) | PolySyn |
| 273 | Pad 4 (choir) | ChoirPd |
| 274 | Pad 4a (itopia) | ItopiaPd |
| 275 | Pad 5 (bowed) | BowedPd |
| 276 | Pad 6 (metallic) | MetaPd |
| 277 | Pad 7 (halo) | HaloPad |
| 278 | Pad 8 (sweep) | SweepPd |
| 279 | Pad 8 (sweep) 2 | SweepPd2 |
| 280 | Pad 8 (sweep) 3 | SweepPd3 |
| 281 | Pan Pad | PanPad |
| 282 | Pan Pad 2 | PanPad 2 |
| 283 | Dipolar Pad | DipolPad |
| 284 | PWM Pad | PWM Pad |
| 285 | Warmly Pad | WarmPad |
| 286 | Horn Pad | Horn Pad |
| 287 | Click Pad | ClickPad |
| 288 | Analog Pad | Ana Pad |
| 289 | 80's Poly Pad | 80'sPoly |
| 290 | PWM 4th Soft | PWM4thSf |
| 291 | Synth Calliope Soft | SynCalSf |
| 292 | Soft Vox | Soft Vox |
| 293 | 5th SawWave | 5th Saw |
| 294 | 5th Lead Soft | 5thLdSf |
| 295 | Slow Square | Slow Squ |
| 296 | New Year Pad | NewYearP |
| 297 | Space Voice | SpaVoice |
| 298 | Rising | Rising |
| 299 | Congregate | Congrega |
| Synth SFX | | |
| 300 | FX 1 (rain) | Rain |
| 301 | FX 2 (soundtrack) | SoundTk |
| 302 | Prelude | Prelude |
| 303 | FX 3 (crystal) | Crystal |
| 304 | FX 3a (synth mallet) | SynMalle |
| 305 | FX 4 (atmosphere) | Atmosp |
| 306 | Warm Air | Warm Air |
| 307 | FX 5 (brightness) | Bright |
| 308 | Smog | Smog |
| 309 | FX 6 (goblins) | Goblins |
| 310 | FX 7 (echoes) | Echoes |
| 311 | FX 7b (echo pan) | Echo Pan |
| 312 | FX 7a (echo bell) | EchoBell |
| 313 | FX 8 (sci-fi) | Sci-Fi |
| 314 | Sitar | Sitar |
| 315 | Sitar 2 | Sitar 2 |
| 316 | Banjo | Banjo |
| 317 | Shamisen | Shamis |
| 318 | Koto | Koto |
| 319 | Taisho Koto | TaisKoto |
| 320 | Kalimba | Kalimba |

Voice List

| | | |
|-------------------|----------------------|----------|
| 321 | Bag Pipe | BagPipe |
| 322 | Fiddle | Fiddle |
| 323 | Shanai | Shanai |
| Percussive | | |
| 324 | Tinkle Bell | TinkBe |
| 325 | Agogo | Agogo |
| 326 | Steel Drums | SteeDru |
| 327 | Woodblock | WoodBlo |
| 328 | Castanets | Castan |
| 329 | Taiko Drum | TaiDrum |
| 330 | ConcertBass Drum | ConBsDr |
| 331 | Acoustic Bass Drum | ABaDrum |
| 332 | Room Kick | RoomKick |
| 333 | Power Kick | PoweKick |
| 334 | Electric Bass Drum | EiBaDrum |
| 335 | Analog Bass Drum | AnBaDrum |
| 336 | Jazz Kick | JazzKick |
| 337 | Side Stick | SidStick |
| 338 | Analog Rim Shot | AnRiShot |
| 339 | Acoustic Snare | A.Snare |
| 340 | Room Snare | RoomSn |
| 341 | Power Snare | PowerSn |
| 342 | Electric Snare | E.Snare |
| 343 | Analog Snare | Ana Sn |
| 344 | Jazz Snare | JazzSn |
| 345 | Brush Tap | BrushTap |
| 346 | Concert SD | ConSD |
| 347 | Hand Clap | HandClap |
| 348 | Tom | Tom |
| 349 | Room Tom | Room Tom |
| 350 | Power Tom | PowerTom |
| 351 | Electric Tom | E.Tom |
| 352 | Analog Tom | Ana Tom |
| 353 | Brush Tom | BrushTom |
| 354 | Closed Hi-hat | ClosedHH |
| 355 | Analog Closed Hi-hat | AnClosHH |
| 356 | Pedal Hi-hat | Pedal HH |
| 357 | Open Hi-hat | Open HH |
| 358 | Crash Cymbal | CrashCym |
| 359 | Analog Cymbal | Ana Cym |
| 360 | Ride Cymbal | Ride Cym |
| 361 | China Cymbal | ChinaCym |
| 362 | Ride Bell | RideBell |
| 363 | Tambourine | Tambouri |
| 364 | Splash Cymbal | SplashCy |
| 365 | Cowbell | Cowbell |
| 366 | Analog Cowbell | AnaCowbl |
| 367 | High Bongo | HiBongo |
| 368 | Low Bongo | LoBongo |
| 369 | Mute Hi Conga | MuHiCong |
| 370 | Open Hi Conga | OpHiCong |
| 371 | Low Conga | LoConga |
| 372 | Analog Hi Conga | AnHiCong |
| 373 | Analog Mid Conga | AnMiCong |
| 374 | Analog Low Conga | AnLoCong |

| | | |
|------------|---------------------------|----------|
| 375 | High Timbale | HiTimbal |
| 376 | Low Timbale | LoTimba |
| 377 | Cabasa | Cabasa |
| 378 | Maracas | Maracas |
| 379 | Analog Maracas | AnMarac |
| 380 | Short Guiro | ShGuiro |
| 381 | Long Guiro | LoGuiro |
| 382 | Claves | Claves |
| 383 | Mute Cuica | MuCuica |
| 384 | Open Cuica | OpCuica |
| 385 | Mute Triangle | MuTrge |
| 386 | Open Triangle | OpTrge |
| 387 | Shaker | Shaker |
| 388 | Mute Surdo | MuSurdo |
| 389 | Open Surdo | OpSurdo |
| 390 | Melodic Tom | MeloTom |
| 391 | Melodic Tom 2 | MeloTom2 |
| 392 | Synth Drum | SynDrum |
| 393 | Rhythm Box Tom | RhTom |
| 394 | Electric Drum | E.Drum |
| 395 | Reverse Cymbal | ReveCym |
| SFX | | |
| 396 | Guitar Fret Noise | GtFreNo |
| 397 | Guitar Cutting Noise | GtCutNo |
| 398 | Acoustic Bass String Slap | BsStrSl |
| 399 | Breath Noise | BreNois |
| 400 | Flute Key Click | FiClick |
| 401 | Seashore | Seashor |
| 402 | Rain | Rain |
| 403 | Thunder | Thunder |
| 404 | Wind | Wind |
| 405 | Stream | Stream |
| 406 | Bubble | Bubble |
| 407 | Bird Tweet | BirdTw |
| 408 | Bird Tweet 2 | BirdTw 2 |
| 409 | Dog | Dog |
| 410 | Horse Gallop | HorseGal |
| 411 | Telephone Ring | TelRing |
| 412 | Telephone Ring 2 | TelRing2 |
| 413 | Door Creaking | DoorCrea |
| 414 | Door | Door |
| 415 | Scratch | Scratch |
| 416 | Wind Chime | WindChim |
| 417 | Helicopter | Helicopt |
| 418 | Car Engine | CarEngin |
| 419 | Car Stop | Car Stop |
| 420 | Car Pass | Car Pass |
| 421 | Car Crash | CarCrash |
| 422 | Siren | Siren |
| 423 | Train | Train |
| 424 | Jetplane | Jetplane |
| 425 | Starship | Starship |
| 426 | Burst Noise | BurstNoi |
| 427 | Applause | Applause |
| 428 | Laughing | Laughing |

| | | |
|-----------------------|--------------------------------|----------|
| 429 | Screaming | Scream |
| 430 | Punch | Punch |
| 431 | Heart Beat | HeartBea |
| 432 | Footsteps | Footstep |
| 433 | Gunshot | Gunshot |
| 434 | Machine Gun | MachiGun |
| 435 | Lasergun | Lasergun |
| 436 | Explosion | Explosio |
| Combined Voice | | |
| 437 | Stereo Piano & Strings Pad | StPn&Str |
| 438 | Stereo Piano & Choir | StPn&Cho |
| 439 | Stereo Piano & Synth Strings | StPn&Syn |
| 440 | Stereo Piano & Warm Pad | StPn&Pad |
| 441 | Stereo Piano & Soft Ep | StPn&Ep |
| 442 | FM Electric Piano | FMEp |
| 443 | Digital Piano | DigiPn |
| 444 | E.Piano & Strings | EP&Str |
| 445 | E.Piano & Ac Guitar | EP&Gt |
| 446 | E.Piano & Vibraphone | Ep&Vib |
| 447 | E.Piano 2 & Pad | Ep2&Pad |
| 448 | E.Piano 2 & Strings | Ep2&Str |
| 449 | Harpichord & Stereo Strings | Haps&St |
| 450 | Music Box & Stereo Strings | Mxb&Str |
| 451 | Vibraphone & Stereo Strings | Vib&Str |
| 452 | Vibraphone Octave | VibOct |
| 453 | Vibraphone & Marimba & Kalimba | VibMK |
| 454 | Marimba & Kalimba | Mar&Kal |
| 455 | Marimba Delay | MarDel |
| 456 | Xylophone Octave | XylopOct |
| 457 | Organ & Stereo Strings | Org&Str |
| 458 | Stereo Organ & Piano | StOr&Pno |
| 459 | Rock Organ & Strings | RoOr&Str |
| 460 | Church Organ & Choir | ChuOr&Ch |
| 461 | Church Organ & Strings | ChuOr&St |
| 462 | Acoustic Guitar & Flute | Gt&Fl |
| 463 | Acoustic Guitar & Clav | Gt&Cl |
| 464 | 24 String Guitar | 24Gt |
| 465 | Steel Guitar & Warm Pad | StGt&Pad |
| 466 | Stereo Strings & Horn | StStr&Hn |
| 467 | Orchestra | Orchest |
| 468 | Full Strings | FullStr |
| 469 | Full Strings 2 | FullStr2 |
| 470 | Symphonic | Symphon |
| 471 | Stereo Choir & Strings | StCh&Str |
| 472 | Stereo Choir & Steel Guitar | Ch&Gt |
| 473 | 3 Trumpet Loose | 3Trump |
| 474 | Trombone & Stereo Strings | Tb&StStr |
| 475 | 3 Trombones Loose | 3Tromb |
| 476 | 3 Muted Trumpets Loose | 3MuTrumb |
| 477 | Club Brass | ClubBras |
| 478 | Brass & Woodwinds | Br&Wood |
| 479 | Woodwinds & Strings | Wind&Str |
| 480 | Section Woods Small | WoodSma |
| 481 | Pan Flute & Strings Pad | PanFu&St |
| 482 | Koto & Shamisen | Koto&Sh |

| | | |
|--------------|----------------------------|----------|
| 483 | Flute & Clarinet | Fl&Cl |
| 484 | Flute & Oboe | Fl&Ob |
| 485 | Flute & Bassoon | Fl&Bn |
| 486 | Flute & Oboe & Clarinet | Fl&Ob&Cl |
| 487 | Flute & Clarinet & Bassoon | Fl&Cl&Bn |
| 488 | Flute & Oboe & Bassoon | Fl&Ob&Bn |
| 489 | Flute Octave | FlOct |
| 490 | Flute & Oboe Octave | Fl&ObOct |
| 491 | Flute & Clarinet Octave | Fl&ClOct |
| 492 | Oboe & Bassoon | Ob&Bn |
| 493 | Oboe & Clarinet | Ob&Cl |
| 494 | Oboe & Clarinet & Bassoon | Ob&Cl&Bn |
| 495 | Oboe Octave | ObOct |
| 496 | Oboe & Clarinet Octave | Ob&ClOct |
| 497 | Oboe & Bassoon Octave | Ob&BnOct |
| 498 | Clarinet & Bassoon | Cl&Bn |
| 499 | Clarinet & Oboe Octave | Cl&ObOct |
| Drums | | |
| 500 | Standard Set | Std Set |
| 501 | Room Set | Room Set |
| 502 | Power Set | PowerSet |
| 503 | Electronic Set | ElectSet |
| 504 | Analog Set | Ana Set |
| 505 | Jazz Set | Jazz Set |
| 506 | Brush Set | BrushSet |
| 507 | Orchestra Set | Orch.Set |
| 508 | SFX Set | SFX Set |

Style List

| NO. | Name | LCD Name |
|-----------------------|------------------|-----------|
| 8BEAT | | |
| 1 | 8Beat Ballad | 8BtBld |
| 2 | 8Beat Piano | 8BtPiano |
| 3 | 8Beat 1 | 8Beat1 |
| 4 | Guitar Pop 1 | GtPop1 |
| 5 | 8Beat Hip Hop | 8BtHiHop |
| 6 | 8Beat Blues Rock | 8BeatBIR |
| 7 | 8Beat Pop | 8BtPop |
| 8 | 8Beat 2 | 8Beat2 |
| 9 | Sweet Beat | SweetBt |
| 10 | 8Beat 3 | 8Beat3 |
| 16BEAT | | |
| 11 | 16Beat 1 | 16Beat1 |
| 12 | 16Beat Funk 1 | 16BtFuk1 |
| 13 | 16Beat Ballad 1 | 16BtBld1 |
| 14 | 16Beat R&B | 16BtR&B |
| 15 | Pop 16Beat 1 | Pop16Bt1 |
| 16 | 16Beat Funk 2 | 16BtFuk2 |
| 17 | 16Beat Dance | 16BtDanc |
| 18 | Pop 16Beat 2 | Pop16Bt2 |
| 19 | 16Beat 2 | 16Beat2 |
| 20 | Pop Shuffle | PopShfl |
| POP&BALLAD | | |
| 21 | Pop Rock 1 | PopRock1 |
| 22 | Pop Dance | PopDanc |
| 23 | Pop Fusion | PopFusn |
| 24 | Analog Night 1 | AnalgNt1 |
| 25 | 6/8 Pop | 6/8Pop |
| 26 | Brit. Pop 1 | BritPop1 |
| 27 | Brit. Pop 2 | BritPop2 |
| 28 | Pop Hit | PopHit |
| 29 | Fusion Shuffle | FusShuffl |
| 30 | Analog Night 2 | AnalgNt2 |
| 31 | Guitar Pop 3 | GtPop3 |
| 32 | 60's Pop | 60'sPop |
| 33 | Guitar Ballad | GtBallad |
| 34 | Ballad Rock | BalladRk |
| 35 | Soft Ballad | SoftBald |
| 36 | Love Ballad | LoveBld |
| 37 | Easy Ballad | EasyBld |
| 38 | Slow Ballad | SlowBald |
| 39 | Pop Ballad 1 | PopBld1 |
| 40 | EP Ballad | EPBallad |
| ROCK | | |
| 41 | Rock | Rock |
| 42 | New Wave | NewWave |
| 43 | Ska | Ska |
| 44 | Pop Rock 2 | PopRock2 |
| 45 | Slow Rock | SlowRock |
| 46 | 70's Rock&Roll | 70'sRock |
| 47 | Folk Rock | FolkRock |
| 48 | Soft Rock | SoftRock |
| 49 | Old Rock | OldRock |
| 50 | Easy Rock | EasyRock |

| NO. | Name | LCD Name |
|-------------------------|-----------------|-----------|
| 51 | New Shuffle | NewShuffl |
| 52 | Rock Hip Hop | RkHipHop |
| 53 | Rock&Roll 1 | R'N'R1 |
| 54 | Rock Shuffle | RockShfl |
| 55 | Rock&Roll 2 | R'N'R2 |
| BALLROOM | | |
| 56 | Tango 1 | Tango1 |
| 57 | Spain Matador | Matador |
| 58 | Twist 1 | Twist1 |
| 59 | Twist 2 | Twist2 |
| 60 | Big Band Fox | BandFox |
| 61 | Tango 2 | Tango2 |
| 62 | Slow Fox | SlowFox |
| 63 | Slow Waltz 1 | SlowWlz1 |
| 64 | Swing Fox | SwingFox |
| 65 | Salsa 1 | Salsa1 |
| 66 | Cha Cha 1 | ChaCha1 |
| 67 | Cha Cha 2 | ChaCha2 |
| 68 | Beguine 1 | Beguine1 |
| 69 | Beguine 2 | Beguine2 |
| 70 | Rumba 1 | Rumba1 |
| 71 | Samba 1 | Samba1 |
| 72 | Samba 2 | Samba2 |
| 73 | Jive | Jive |
| 74 | Fox Trot | FoxTrot |
| DANCE | | |
| 75 | Techno 1 | Techno1 |
| 76 | Hip Hop 1 | HipHop1 |
| 77 | House 1 | House |
| 78 | Down Beat | DownBeat |
| 79 | Progressive | Progress |
| 80 | Rap 1 | Rap1 |
| 81 | Disco | Disco |
| 82 | Disco Party | DscParty |
| 83 | 70's Disco Funk | 70'sFunk |
| 84 | Club Dance | ClubDanc |
| 85 | Euro Dance | EuroDanc |
| 86 | Garage | Garage |
| SOUL & FUNK | | |
| 87 | Funk 1 | Funk1 |
| 88 | Classic Funk | ClasFunk |
| 89 | Jay R&B | JayR&B |
| 90 | Gospel Swing | GopSwing |
| 91 | Gospel | Gospel |
| 92 | Funk 2 | Funk2 |
| 93 | Electric Funk | ElecFunk |
| 94 | Groove Funk | GrooveFk |
| 95 | Rubber Funk | RubberFk |
| 96 | Cool Funky | ColFunky |
| 97 | Jazz Funk | JazzFunk |
| 98 | Groove | Groove |
| 99 | R&B | R&B |
| SWING & JAZZ | | |
| 100 | Latin Jazz 1 | LatinJz1 |

| NO. | Name | LCD Name |
|--------------------------------|---------------------|-----------|
| 101 | Big Band | BigBand |
| 102 | Dixieland 1 | Dixland1 |
| 103 | Guitar Swing 1 | GtSwing1 |
| 104 | Broadway Big Band | BwayBand |
| 105 | Swing | Swing |
| 106 | Latin Jazz 2 | LatinJz2 |
| 107 | Fusion | Fusion |
| 108 | Acid Jazz | AcidJazz |
| 109 | Cool Jazz Ballad | CoolJzBd |
| 110 | Swing Shuffle | SwingSfl |
| 111 | Big Band Medium | BandMid |
| 112 | Dixieland 2 | Dixland2 |
| 113 | Acoustic Jazz | AcoustJz |
| 114 | Guitar Swing 2 | GtSwing2 |
| 115 | Ragtime | Ragtime |
| 116 | Modern Jazz Ballad | MdJzBald |
| 117 | Swing Ballad | SwingBal |
| 118 | Orchestra Swing | OrhSwing |
| COUNTRY | | |
| 119 | Country Pop 1 | CntyPop1 |
| 120 | Bluegrass 1 | Bluegrs1 |
| 121 | 8Beat Country | Ct8Beat |
| 122 | Modern Country | ModernCt |
| 123 | Country Pop 2 | CntyPop2 |
| 124 | Bluegrass 2 | Bluegrs2 |
| 125 | 2/4 Country | 2/4Cntry |
| 126 | Country Quick Steps | QuickStp |
| 127 | Country Folk | CntyFolk |
| 128 | Country Shuffle | CnyShuffl |
| LATIN & LATIN DANCE | | |
| 129 | Bossa Nova | BosaNov |
| 130 | Latin | Latin |
| 131 | New Reggae | NewRegga |
| 132 | Reggae Dance | DanRegga |
| 133 | Paso Doble | Pasodobl |
| 134 | Lite Bossa | LteBossa |
| 135 | Latin Rock | LatinRck |
| 136 | Slow Bolero | SIBolero |
| 137 | Disco Samba | DscSamba |
| 138 | Mambo | Mambo |
| 139 | Meneito | Meneito |
| 140 | Rumba 2 | Rumba2 |
| 141 | Rumba 3 | Rumba3 |
| 142 | Salsa 2 | Salsa2 |
| WALTZ & TRADITIONAL | | |
| 143 | Waltz | Waltz |
| 144 | Old Waltz | OldWaltz |
| 145 | English Waltz | EngWaltz |
| 146 | German Waltz | GemWaltz |
| 147 | Italian Mazurka | ItaMazuk |
| 148 | Mexico Waltz | MexWaltz |
| 149 | Vienna Waltz | VinaWtz |
| 150 | Slow Waltz 2 | SlwWltz2 |

| NO. | Name | LCD Name |
|----------------|----------------|-----------|
| 151 | Polka | Polka |
| 152 | 6/8 March | 6/8March |
| 153 | German Polka | GerPolka |
| 154 | Party Polka | PtyPolka |
| 155 | Army March | ArmMarch |
| 156 | March | March |
| 157 | March | March |
| 158 | US March | USMarch |
| 159 | Musette | Musette |
| 160 | French Musette | FMusette |
| | Mazurka | Mazurke |
| WORLD | | |
| 162 | Enka Ballad | EnkaBald |
| 163 | Laendler | Laendler |
| 164 | Hawaiian | Hawaiian |
| 165 | Sirtake | Sirtake |
| 166 | Dangdut | Dangdut |
| 167 | 6/8 Flipper | 6/8Flipp |
| 168 | New Age | NewAge |
| 169 | Tarantella | Tarantel |
| | Scottish | Scottish |
| 171 | Norteno | Norteno |
| 172 | | |
| 173 | | |
| PIANIST | | |
| 174 | Pianist 1 | Pianist1 |
| 175 | Pianist 2 | Pianist2 |
| 176 | Pianist 3 | Pianist3 |
| 177 | Piano Rock | PianoRk |
| 178 | Pop Bossa | PopBossa |
| 179 | Piano Beat | PianoBt |
| 180 | Piano Bar | PianoBar |
| | Blues | Blues |
| | Pop Waltz | PopWaltz |
| | 6/8 Ballad | 6/8Ballad |

Song List

| NO. | Name | LCD Name |
|---------------------------|-------------------------------|-----------|
| FOLK & COUNTRY | | |
| 1 | Toccata | Toccata |
| 2 | Carry Me Back To Old Virginny | CarMeBk |
| 3 | El Condor Pasa | ElCondor |
| 4 | Traumerei | Traumere |
| 5 | Aloha Oe | AlohaOe |
| 6 | Greensleeves | Sleeves |
| 7 | Home Sweet Home | SwHome |
| 8 | Heidenroslein | Heidenro |
| 9 | Long,Long Ago | LongAgo |
| 10 | Die Lorelei | Lorelei |
| 11 | Over The Waves | OverWave |
| 12 | My Darling Clementine | Clemnt |
| 13 | Gwine To Run All Night | Gwine |
| 14 | Symphony No.6 "Pathetic" | Sympony6 |
| 15 | Oh! Susanna | Susanna |
| 16 | Prelude Op.28 No.15 | Prelude |
| 17 | The House Of The Rising Sun | RiseSun |
| 18 | Menuet | Menuet |
| GOLDEN & POP | | |
| 19 | Valse Des Fleurs | Fleurs |
| 20 | Fruhlingstimmen | Fruhling |
| 21 | Frohlicher Landmann | Landmann |
| 22 | Are You Lonesome Tonight? | RULone |
| 23 | Toy Symphony | ToySymph |
| 24 | Auld Lang Syne | AulSyne |
| 25 | Ave Maria | Avemaria |
| 26 | Tales Of Hoffman | Hoffman |
| 27 | La Donne Mobile | DoneMble |
| 28 | Serenata | Serenata |
| 29 | Bridal March | Bridal |
| 30 | Can'T Help Fallin' In Love | CantHlp |
| 31 | Chanson Du Toreador | Toreador |
| 32 | Danny Boy | DannyBoy |
| 33 | Ich Liebe Dich | LieDich |
| 34 | Wiegenlied 2 | Wieglied2 |
| 35 | Spanish Serenade | Serenade |
| 36 | Piano Concerto | Concerto |
| 37 | Piano Concerto 2 | Concrcto2 |
| 38 | Madame Butterfly | Madame |
| 39 | Invitation To The Dance | ToDance |
| 40 | Wiegenlied 3 | Wieglied3 |
| 41 | Jingle Bells | Jinbells |
| 42 | Joy To The World | JoyWorld |
| 43 | La Paloma | LaPaloma |
| 44 | My Bonnie | MyBonnie |
| 45 | La Reine De Saba | Saba |
| 46 | La Cucaracha | Cucarach |
| 47 | Little Brown Jug | BrownJug |
| 48 | Battle Hymne Of The Republic | BatlHyme |
| 49 | Yellow Rose Of Texas | YellRose |
| 50 | The Wabash Cannon Ball | CannBall |
| 51 | Annie Laurie | AnnieLa |

| NO. | Name | LCD Name |
|------------------|------------------------------------------------------------------------|----------|
| 52 | Turkish March | Turkish |
| 53 | An Die Musik | Musik |
| 54 | Lieder Ohne Worte Op.62 No.6 | Lieder |
| 55 | Red River Valley | RedRiver |
| 56 | Die Forelle | Forelle |
| 57 | Symphony No. 94 "Suprise" | No. 94 |
| 58 | Polonaise | Polonais |
| 59 | Rondeau | Rondeau |
| 60 | Moments Musicaux | Musicaux |
| 61 | Silent Night | Silnight |
| 62 | Moldau | Moldau |
| 63 | Summertime | Summer |
| 64 | Dreaming Of Home And Mother | Dreaming |
| 65 | Ring Ring De Banjo | DeBanjo |
| 66 | Der Lindenbaum | DerLinde |
| 67 | Zigeunerweisen | Zigeuner |
| 68 | The Maiden's Prayer | Prayer |
| 69 | Fur Elise | FurElise |
| 70 | Der Freischutz | DerFreis |
| 71 | Maria! Mari! | Maria! |
| CLASSICAL | | |
| 72 | Waves Of The Danube | WaDanube |
| 73 | Santa Lucia | SantaLuc |
| 74 | Solveig's Song | Solveig |
| 75 | Pianosonatan 08 IN Cm IN Pathetique | Piano08 |
| 76 | Brahms Waltz | BrmsWalz |
| 77 | Aida | Aida |
| 78 | Carmen-Prelude | Carmen2 |
| 79 | L'Arlesienne | L'Arlesi |
| 80 | Ungarische Tanz | Ungaris |
| 81 | Mazurka | Mazurka |
| 82 | Pizzicato Polka | Polka |
| 83 | Menuett | Menuett |
| 84 | Rigoletto | Rigolett |
| 85 | Serenade | Serenade |
| 86 | Song Without Words | SongNoWd |
| 87 | Swan | Swan |
| 88 | Prelude To Act 2 (Swan Lake) | SwanLak1 |
| 89 | Valse (Swan lake) | SwanLak2 |
| 90 | The Happy Farmer | HpFarmer |
| 91 | The Sleeping Beauty | SleepBty |
| 92 | La Traviata | LaTravia |
| 93 | Wiegenlied | Wiegenli |
| 94 | Mov.2 Adagio Non Troppo Piano Sonata No.9 In D | Sonata9 |
| 95 | Mov.1 Andante Grazioso Piano Sonata No.11 In A [Alla TurSonata11ca] | Sonata11 |
| 96 | Prelude In C | Prelude |
| 97 | Chinese Dance | ChDance |
| 98 | Emperors Waltz | EmprWalz |
| 99 | March Militaire | MilMar1 |
| 100 | Symphony No.40 | Symphony |

| NO. | Name | LCD Name |
|--------------|------------------------------|----------|
| PIANO | | |
| 101 | Hanon Piano Fingering 1 | Hanon 1 |
| 102 | Hanon Piano Fingering 2 | Hanon 2 |
| 103 | Hanon Piano Fingering 3 | Hanon 3 |
| 104 | Hanon Piano Fingering 4 | Hanon 4 |
| 105 | Hanon Piano Fingering 5 | Hanon 5 |
| 106 | Basic Tutorial Beyer Piano12 | Beyer 12 |
| 107 | Basic Tutorial Beyer Piano13 | Beyer 13 |
| 108 | Basic Tutorial Beyer Piano14 | Beyer 14 |
| 109 | Basic Tutorial Beyer Piano15 | Beyer 15 |
| 110 | Basic Tutorial Beyer Piano18 | Beyer 18 |
| 111 | Cuckoo | Cuckoo |
| 112 | Basic Tutorial Beyer Piano21 | Beyer 21 |
| 113 | Basic Tutorial Beyer Piano29 | Beyer 29 |
| 114 | Butterfly | Buterfly |
| 115 | Basic Tutorial Beyer Piano45 | Beyer 45 |
| 116 | Christmas Eve | Chriseve |
| 117 | Basic Tutorial Beyer Piano50 | Beyer 50 |
| 118 | Basic Tutorial Beyer Piano52 | Beyer 52 |
| 119 | Basic Tutorial Beyer Piano55 | Beyer 55 |
| 120 | Basic Tutorial Beyer Piano59 | Beyer 59 |

Demo List

| NO. | Name | LCD Name |
|-----|------------|----------|
| 1 | Demo | Demo |
| 2 | Bossa Nova | BosaNova |
| 3 | Fusion | Fusion |
| 4 | Jazz | Jazz |
| 5 | Funk | Funk |

MIDI Implementation Chart

| Function | | Transmitted | Recognized | Remarks |
|------------------|----------------|---------------|--------------------------|-----------------------|
| Basic Channel | Default | 1ch | 1-16ch | |
| | Changed | 1-16ch | 1-16ch | |
| Mode | Default | x | 3 | |
| | Messages | x | x | |
| | Altered | ***** | x | |
| Note Number | | 0—127 | 0—127 | |
| | :True voice | ***** | 0—127 | |
| Velocity | Note on | o 9nH,V=1-127 | o 9nH,V=1-127 | |
| | Note off | x (9nH,V=0) | x (9nH,V=0; 8nH,V=0-127) | |
| After Touch | key's | x | x | |
| | Ch's | x | x | |
| Pitch Bend | | o | o | |
| Control Change | 0 | o | o | Bank Select |
| | 1 | o | o | Modulation |
| | 5 | x | o | Portamento Time |
| | 6 | x | o | Data Entry |
| | 7 | x | o | Volume |
| | 10 | x | o | Pan |
| | 11 | o | o | Expression |
| | 64 | o | o | Sustain Pedal |
| | 65 | x | o | Portamento ON/OFF |
| | 66 | x | o | Sostenuto Pedal |
| | 67 | x | o | Soft Pedal |
| | 80 | x | o | Reverb Program |
| | 81 | x | o | Chorus Program |
| | 91 | x | o | Reverb Level |
| | 93 | x | o | Chorus Level |
| | 120 | x | o | All Sound Off |
| | 121 | x | o | Reset All Controllers |
| 123 | o | o | All Notes Off | |
| Program Change | :true | ***** | 0—127 | |
| System Exclusive | | x | o | |
| System Common | :SongPosition | x | x | |
| | :Song Select | x | x | |
| | :Tune | x | x | |
| System Real Time | :Clock | o | x | |
| | :Commands | x | x | |
| Aux Messages | :LOCAL ON/OFF | x | x | |
| | :All Notes Off | x | o | |
| | :Active sense | o | o | |
| | :Reset | x | o | |
| Notes: | | | | |

- Mode 1: OMNI ON, POLY
- Mode 2: OMNI ON, MONO

- Mode 3: OMNI OFF, POLY
- Mode 4: OMNI OFF, MONO
- o: YES
- x: NO



We love music!

WEEE-Declaration

Your product is designed and manufactured with materials and components of high quality, which are recyclable and can be reused.

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