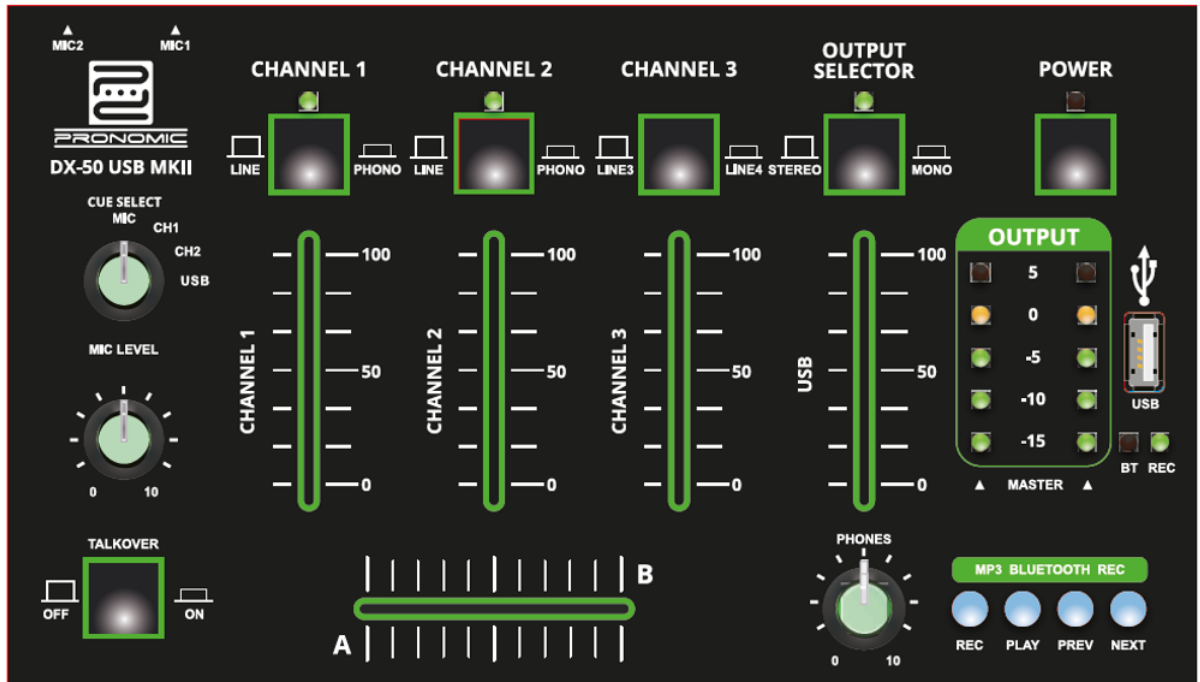




# DX-50 USB MKII DJ Mixer with USB Recording



## Operating instructions

ArtNo 00059208  
Version 09/2025

Thank you for **purchasing the DX-50 USB MKII DJ mixer**. We hope you enjoy using your new **DX-50 USB MKII DJ mixer**.

Please read this manual carefully to take full advantage of the practical features of the **DX-50 USB MKII DJ mixer**.

We also recommend that you keep this manual in a safe and easily accessible place for future reference.

## **Attention!**

Before switching on and using the appliance for the first time, please read the instructions for use to avoid injury or damage to the appliance.

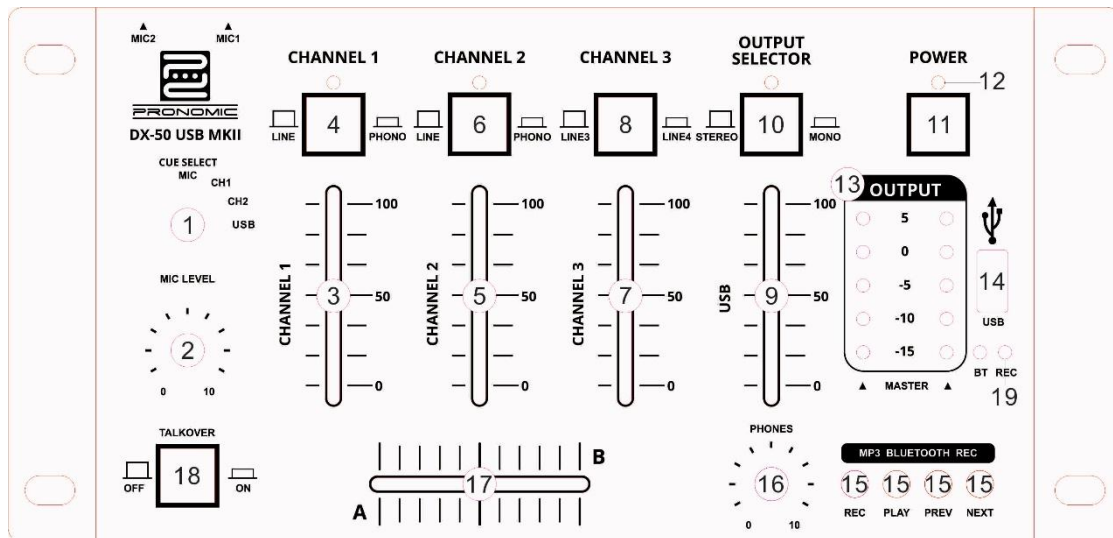
We thank you for your confidence in our product and hope you enjoy using it.



## **Important safety instructions**

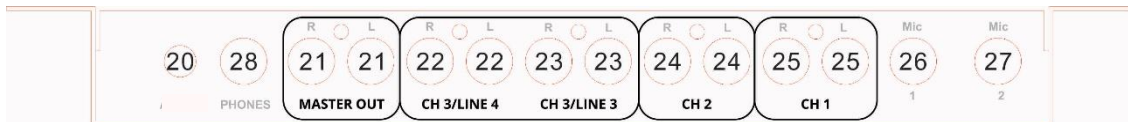
- To protect against damage to yourself, others or the appliance, read the following safety instructions and keep them for future reference.
- To avoid defects or electric shocks, this unit must be protected from dripping and splashing water, as well as immersion. If water does get into the unit, unplug it from the mains immediately and remove any batteries.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Avoid mechanical shocks and check the unit regularly for damage to the housing, mains plug and other accessories.
- Only use the accessories & attachments provided and approved by the manufacturer.
- In case of leakage of battery acid, avoid contact with skin, eyes and mucous membranes. In case of contact, rinse the affected area immediately with plenty of water and consult a doctor if necessary.
- Repairs may only be carried out by qualified personnel. Unauthorised intervention may have an impact on safety and function.
- The appliance and the packaging may contain small parts that can be swallowed by children or cause suffocation.
- Listening at a high volume for a long period of time can cause hearing impairment.
- This unit contains magnetic materials. If necessary, consult your doctor about possible effects on implants such as pacemakers or defibrillators.

## Front

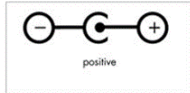


1. CUE SELECTION (pre-listening) (1) for MIC, CH1, CH2, USB CHANNEL.
2. Use the MIC LEVEL CONTROL (2) to adjust the volume of the microphone signal.
3. The CHANNEL 1 FADER (3) adjusts the volume of channel 1.
4. The PHONO1/LINE1 SWITCH (4) selects the appropriate input level for line or phono devices. The PHONO setting is intended for record players. Use the "LINE" setting for all other signal sources, i.e. a CD or MP3 player.
5. The CHANNEL 2 FADER (5) adjusts the volume of channel 2.
6. PHONO2/LINE2 SWITCH (6) selects the appropriate input level for line or phono devices. The PHONO setting is intended for record players. Use the "LINE" setting for all other signal sources, i.e. a CD or MP3 player.
7. The CHANNEL 3 FADER (7) adjusts the volume of channel 3.
8. Input selection for channel 3: With the LINE3/LINE4 SWITCH (8) you can select RCA inputs 3 or 4 (22/23) as audio source.
9. The fader of the USB CHANNEL (9) adjusts the volume of the USB/MP3/BT player.
10. The MONO/STEREO SWITCH (10) switches between mono and stereo.
11. POWER SWITCH (11) to switch the unit on and off.
12. POWER SUPPLY LED (12).
13. OUTPUT METER (13): Displays the levels of the left and right master channels.
14. USB CONNECTION (14) for connecting a USB stick.
15. CONTROL BUTTONS (15) to adjust the USB/MP3/BT player functions.
16. The PHONES CONTROL (16) adjusts the volume of the headphone signal.
17. The CROSSFADER (17) is used to crossfade between channel 1 and 2.
18. With MIC TALKOVER (18) you can switch the talkover function on or off.
19. REC LED (19) indicates when a recording is in progress. (LED flashes red!)

## Backside Panel



20. MAINS CONNECTION (20): Please make sure to use only the supplied power cord(DC12V 500mA) to avoid damage to the unit.



21. Use the MASTER-OUT (21) to connect the unit to an amplifier. The level is controlled by the resulting mix of the channel faders.

22. The MIC1 CONNECTION (26) is a 6.3mm jack socket for the microphone connection.

23. The MIC2 CONNECTION (27) is a 6.3mm jack socket for the microphone connection.

24. HEADPHONES (28) Connect your headphones here with a 6.3mm jack cable (output signal is Main Mix).

## Use

### PLAY

The button “Play” is used for playback as well as for switching through the different modes USB/BT. The two LEDs (green/red) indicate the current operating status of the unit. Long press the Play (Mode) button to enter the desired mode. The selected signal will be play backed on the USB-channel (9).

### Brief overview

MODE OF USE		GREEN BT LED	RED REC LED
USB playback mode		Permanent on	off
Bluetooth-mode	Search for connections	Fast flashing	off
	Connection found and pause	Permanent on	off
	BT connected and song playing	Slow flashing	off
Recording mode	Ready to recording or stopped	off	Flashing
	Recording in progress	off	Permanently on

## Detailed description

### USB mode

The USB stick is inserted into the USB socket. The vast majority of USB sticks are recognized by the mixer itself and playback starts automatically. If this does not happen, press the **Play** button until the status LEDs indicate the following:

BT LED green = permanently on

REC LED red: permanently off

The player is ready for use. Each subsequent short press of the PLAY button switches between play and pause.

PREV/NEXT button: Press briefly to select the next or previous track, or press and hold for more than 3 seconds to fast forward or rewind within the song.

### BT mode:

Press the PLAY button (MODE) for 2-3 seconds until the status LEDs indicate the following:

BT LED green = quick flashing

REC LED red: permanently off

The mixer searches for a BT connection.

If you want to connect the mixer and your external Bluetooth playback device for the first time, then now switch on the Bluetooth function in the menu of your external device (e.g. smartphone, notebook or MP3 player).

After a few seconds, the mixer should appear in the display of your external device with the identification Name "**BLUETOOTH**".

Confirm this BT connection via your external device

When the connection is established, the **green LED on the mixer lights up constantly**.

The BT player is now ready for use.

If you now start the Songs from your Smartphone or notebook, **the green LED changes to a slow flashing mode**.

If you later activate a device that already had a BT connection with the mixer in the past, the connection is automatically established.

In BT mode, the PLAY/ PREV/NEXT functions on the DJ mixer or on your BT device (smartphone) can be used for control.

PREV/NEXT button: Press briefly to select the next or previous track.

Each time you press the PLAY button, the operation switches between play and pause.

 **NOTE**

If you transfer songs to the mixer in BT mode and at the same time insert a USB-Stick into the USB slot, the mixer automatically switches to USB mode and plays the contents of the USB stick (the green LED lights up permanently).

To switch back to BT status, press and hold the play button for a few seconds.

The mixer confirms the change back to BT mode with a short beep- signal.

However, you must start/continue playback of the BT song manually on the smartphone again.

The green BT LED starts flashing again accordingly.

### Recording mode

If you want to record your mix, you can do so on a USB stick. To use this function, you need to have an MP3 file on your USB stick so that it is recognized. Insert a suitable USB stick into the port on the right-hand side of the housing.

Press and hold the REC button for approx. 2-3 seconds until the **red REC LED remains constantly on**. The recording has now started and is already running.

With each press (approx. 3 seconds) of the REC button, the recording process stops.

**The red LED then flashes.** As soon as you stop the recording, a song- file is saved on the USB storage device.

After stopping the recording, the recorded content is automatically played back from the USB stick on the USB channel.

The recorded signals/content are saved on the USB stick in MP3 format. The file name on the USB stick is called **JL\_ REC..**

### Specifications

Sensitivity MIC 1 & MIC 2: .....	R 1.5 mV (10 kΩ)
PHONO sensitivity:.....	3mV (47 kΩ)
LINE/CD sensitivity:.....	150 mV (22 kΩ)
MASTER OUTPUT:.....	nominal 775 mV MAX 1.5 V
Frequency response:.....	20Hz-20KHz ± 2dB
Talkover attenuation: .....	-12dB
Headphone output:300mV/32 Ω	
Bluetooth transmission frequency.....	2402-2480 MHz
Max. Transmitting power.....	< 20mW
Power supply / ext. power supply.....	DC12V 500mA
USB-A Port .....	Formatierung FAT32, max. 32 GB

## WEEE/CE Declaration

Your product has been designed and manufactured with high quality materials and components that can be recycled and reused. This symbol means that electrical and electronic equipment must be disposed of separately from household waste at the end of its useful life. Please dispose of this appliance at your local municipal collection point or recycling centre. Please help to preserve the environment in which we live.

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## SIMPLIFIED EU DECLARATION OF CONFORMITY

Musikhaus Kirstein GmbH hereby declares that the radio equipment type [Pronomic DX-50 USB] conforms to Directive 2014/53/EU. The full text of the EU declaration of conformity is available for download at the following internet address:

[http://www.kirstein.de/docs/Konformitaetserklaerung/CE\\_Konformitaetserklaerung\\_00059208.pdf](http://www.kirstein.de/docs/Konformitaetserklaerung/CE_Konformitaetserklaerung_00059208.pdf)



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