00010178 Soundking AK20GR | 00009806 Soundking AK20RA
00010176 Soundking AK20BA | 00010177 Soundking AK20G



Instruction manual

Version 10.2020

© 2020

This manual is protected by copyright. Reproduction of these operating instructions, even in part, is only permitted with the permission of Musikhaus Kirstein GmbH. The same applies to the reproduction or copying of images, even in modified form.

Content

General safety instructions **3**
Soundking AK20 GR **4**
Soundking AK20 RA **5**
Soundking AK20 BA **6**
Soundking AK20 G **7**
WEEE-Erklärung (Waste of Electrical and Electronic Equipment) **8**

Thank you for choosing this product.
To ensure that you are fully satisfied with this product, please read this manual carefully before using our product. Keep this manual in a safe place. The manual must be passed on to all subsequent users.



Observe operating instructions!

⚠ WARNUNG The signal word WARNING indicates dangers which can lead to serious injury if no precautionary measures are taken.

⚠ HINWEIS The signal word NOTE indicates general precautions to be taken when handling the product.

⚠ HINWEIS Images and screen displays in this manual may differ slightly from the appearance of the actual product, as long as this does not have a negative effect on the technical properties and safety of the product.

⚠ HINWEIS All personal formulations in these operating instructions are to be considered gender-neutral.

These operating instructions apply to persons who have been supervised or instructed in the operation of the device by a person responsible for their safety and who have demonstrated that they are capable of handling the device.

⚠ WARNUNG **Children should be supervised to ensure that they do not play with the appliance.**
Do not leave children unattended.

All information in this manual has been checked to the best of our knowledge and belief. However, neither the author nor the publisher can be held liable for any damages in connection with the use of this manual.

Other product, brand and company names mentioned in this document may be the trademarks of their respective owners. The user of this document is responsible for compliance with all applicable copyright laws.

General safety instructions

- To reduce the risk of fire or shock, do not expose this unit to rain or moisture.
- Maintenance and repair must be carried out by qualified service personnel. Never open the enclosure yourself.
- Before connecting to the power supply, make sure that the voltage corresponds to the operating voltage of the unit.
- The unit has ventilation slots to protect it from overheating. These must remain free so as not to obstruct the air circulation.
- Avoid excessive heat, humidity, dust and vibration.
- Only use the AC adapter supplied with the product.
- Before switching on the unit, set the volume control to the minimum volume.
- To replace the fuse, qualified service personnel must disconnect the power supply. Only the same fuse, which is already installed ex works, may be used.
- Only use a soft, dry cloth to clean the unit.

Soundking AK20 GR



Volume Clean: This knob can be used to adjust the volume in the clean channel

Gain Overdrive: Here you can control the intensity of the distortion

Volume Overdrive: Turn this control to adjust the volume in the overdrive channel

Treble: Here you can adjust the tonal height in the mix

Middle: Here you can adjust the tonal midrange in the mix

Bass: Here you can adjust the tonal bass part in the mix

Reverb: Here you can adjust the intensity of the reverb

Specifications

Performance	20 Watt RMS, 60 Watt PEAK
Equalizer	treble, middle, bass
Output impedance	4-Ohm 8" Speaker
Connections	Instrument input, headphone output, connection for external speaker (8 ohms minimum)
Weight	7kg
Dimensions	346mm width x 343mm height x 192mm depth
Input power	220V - 240V / 50 Hz
Fuse	T500mA H/250V

Soundking AK20 RA



Depth Overdrive: Turn these knobs to adjust the volume in the overdrive channel and adjust the depth of the sound

Volume Clean: This knob can be used to adjust the volume in the clean channel

Treble: Here you can adjust the tonal height in the mix

Middle: Here you can adjust the tonal midrange in the mix

Bass: Here you can adjust the tonal bass part in the mix

Presence: By adjusting this control, the treble is emphasised or attenuated

Reverb: Here you can adjust the intensity of the reverb

Specifications

Performance	20 Watt RMS, 60 Watt PEAK
Equalizer	Treble, Middle, Bass, Presence
Output impedance	8-Ohm 8" Speaker
Connections	Instrument Input, Headphone Output, Effect Loop (Return & Send)
Weight	7,2kg
Dimensions	358mm width x 341mm height x 192mm depth
Input power	220V - 240V / 50 Hz
Fuse	T500mA H/250V

Soundking AK20 BA



Volume: This knob can be used to adjust the volume in the clean channel

Treble: Here you can adjust the tonal height in the mix

Middle: Here you can adjust the tonal midrange in the mix

Bass: Here you can adjust the tonal bass part in the mix

Presence: By adjusting this control, the treble is emphasised or attenuated

Specifications

Performance	20 Watt RMS, 60 Watt PEAK
Equalizer	Treble, Middle, Bass, Presence
Output impedance	8-Ohm 8" Speaker
Connections	Instrument input, headphone output
Weight	7,5kg
Dimensions	368mm width x 372mm height x 210mm depth
Input power	220V - 240V / 50Hz
Fuse	T500mA H/250V

Soundking AK20 G



Volume Clean: This knob can be used to adjust the volume in the clean channel

Gain Overdrive: Here you can control the intensity of the distortion

Volume Overdrive: Turn this control to adjust the volume in the overdrive channel

Treble: Here you can adjust the tonal height in the mix

Middle: Here you can adjust the tonal midrange in the mix

Bass: Here you can adjust the tonal bass part in the mix

Specifications

Performance	20 Watt RMS, 60 Watt PEAK
Equalizer	treble, middle, bass
Output impedance	4-Ohm 8" Speaker
Connections	Instrument input, headphone output, connection for external speaker (8 ohms minimum)
Weight	7kg
Dimensions	346mm width x 343mm height x 192mm depth
Input power	220V - 240V / 50Hz
Fuse	T500mA H/250V

WEEE-Erklärung
(Waste of Electrical and Electronic Equipment)

Your product has been designed and manufactured using high quality materials and components that are recyclable and reusable. The symbol means that your product must be disposed of separately from household waste at the end of its life.

Dispose of this unit at your local collection or recycling point.

Please help to protect the environment in which we all live.

All technical data and appearances can be changed without prior notice. All information was correct at the time of printing. Musikhaus Kirstein GmbH does not guarantee the correctness or completeness of the descriptions, photos or statements contained in this manual. Printed colours and specifications may differ slightly from the product. Products of Musikhaus Kirstein GmbH are only sold through authorised dealers. Distributors and dealers are not representatives of Musikhaus Kirstein GmbH and are not authorised to legally bind Musikhaus Kirstein GmbH in any way.

KIRSTEIN.de

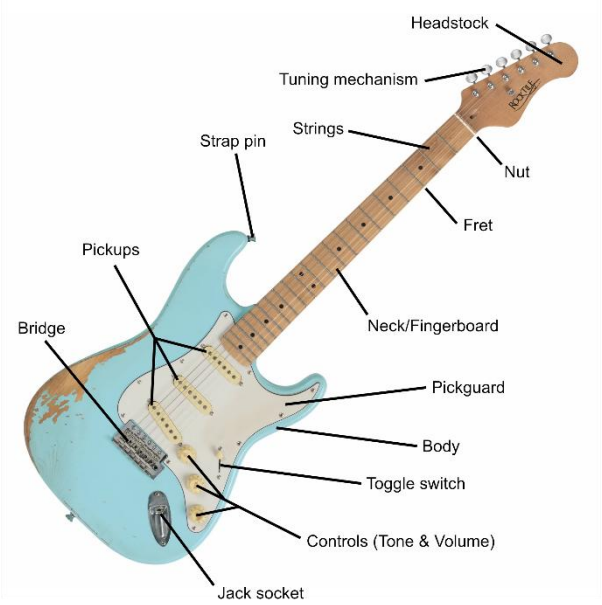


Musikhaus Kirstein GmbH
Bernbeurener Straße 11
86956 Schongau - Germany

Instruction - Electric guitars
00036328, 00022055

Thank you for purchasing this product. To ensure that you are completely satisfied with this product, please read these operating instructions carefully before using our product. Keep these operating instructions in a safe place, as they must be passed on to all subsequent users. All information in this user manual has been checked to the best of our knowledge and belief. However, neither the author nor the publisher can be held liable for any damage arising in connection with the use of these operating instructions.

- Only use the product in accordance with the instructions given here. Damage caused by failure to follow these instructions will invalidate the warranty! Musikhaus Kirstein GmbH accepts no liability for any resulting damage.
- Unauthorized conversions or modifications to the product are not permitted for safety reasons and will also invalidate the warranty.
- Check the item for possible damage before putting it into operation.
- Do not place any open light sources (candles, etc.) on or next to the product.
- Do not place any objects on the product.
- Do not allow any liquids or moisture to penetrate the instrument.
- Do not expose the product to rain or moisture.
- Do not place the instrument near heat sources such as radiators.
- Do not apply force to the controls.
- Keep the product away from electronic devices as these may cause interference.
- Keep the original packaging for warranty claims and safe transportation.
- When using a belt, make sure that the belt is securely fastened to the strap pins.
- Do not throw the article around, as the belt could come loose and people could be injured or objects damaged.
- Handle a broken string with care to avoid puncture injuries to the fingers and other parts of the body.
- Keep spare parts, batteries and accessories out of the reach of children, as they can be a potential choking hazard.
- The positive and negative contacts of the batteries and battery compartment must match. If the battery is inserted the wrong way round, the electronics will not work and the batteries may overheat, which in turn may damage the instrument or cause a fire.
- Disconnect the product from the instrument cable when not in use, otherwise the instrument's preamplifier will remain switched on and the battery will be drained.
- As your instrument is largely made of wood, avoid environments with high or low temperatures. Strong fluctuations in the environment can damage the item (e.g. deformation, cracks, discoloration).
- When not in use, place your instrument in a suitable stand on a firm surface or store it in a bag/case.
- Moisture, sweat and fingerprints on the strings or metal parts lead to rust and corrosion. Therefore, wipe your instrument with a special wipe for guitars/basses after playing. Instruments with a gloss finish should be cleaned carefully with a soft cotton cloth. Cloths made of polyester can scratch the varnish.
- Neck adjustments require an adjustment wrench and know-how and are best carried out by luthiers or specialist staff at a music store. Incorrect adjustments can irreparably damage the instrument.
- If the string action is too high or too low when the neck is adjusted correctly, the nut may need to be reworked. As with the neck adjustment, work on the nut requires special tools such as nut files and the repair should also be carried out by luthiers or specialist staff at a music store.



The illustration on the left shows the possible components of a typical electric guitar. Please note that the model you have purchased may not be equipped with all components, such as the strap pins. This illustration is only intended to give you a better understanding of the instrument.

Musikhaus Kirstein GmbH
Bernbeurener Straße 11
86956 Schongau - Germany
info@kirstein.de
Tel: +49 (0)8861/909494-0

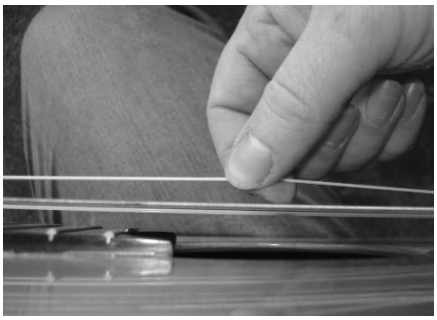
Instruction - Electric guitars

00036328, 00022055

Tuning the guitar strings

Starting from the thickest/lowest string, the standard tuning of the electric guitar is E - A - D - g - h - e.
The strings are wound onto the tuning mechanism on the headstock. By turning these pegs in different directions, the tension of the string is increased or decreased and the tone is raised or lowered accordingly. The purchase of a tuner is particularly recommended for beginners, as this makes tuning the instrument much easier. The tuner should come with instructions on how to use it. Based on reference tones, you can also tune the guitar or get closer to the required pitch. Our following video can be used for this:
https://www.youtube.com/watch?v=I-ot4yYDlkc Finally, the fine tuning can be done with a tuner.

In the beginning, strings hold their tuning relatively poorly. The strings themselves still elongate a little on all instruments. Here it helps a lot to pull the string a little (approx. 2 cm) away from the instrument immediately after tuning and then tune it again, see the following picture. Repeat this process several times (approx. 3-10 times) until the string holds the tuning for the time being. Don't worry if the instrument is out of tune again the next day. A string is only really stable in tune after 1-2 weeks for a normal user at home.



Change strings

First, the strings are relaxed by turning the tuning mechanism counterclockwise until the strings no longer have any tension. We recommend using a string crank for this. Now the upper end of the string can be completely released from the tuning mechanism. Now you can pull the strings out of the bridge with your fingers. The end of the new string with the ball end is passed through the corresponding hole in the bridge. On various models, the string is pushed through the body on the back of the guitar and then through the bridge and the string is pulled a little so that the ball end is properly anchored in the bridge. Now guide the other end of the string to the headstock, through the hole of the corresponding tuning machine and give the string some slack, i.e. do not pull it "tightly" through the hole. To ensure a better grip when winding the string, you can bend the short end slightly directly behind the tuning mechanism. The string is then wound clockwise until it is reasonably taut. After winding the string, tune the instrument and cut off the protruding end of the string with a side cutter. For further information and illustration, please use the following link: https://www.youtube.com/watch?v=SSHVAzL-c-k

Adjusting the neck and saddle

If you change the steel strings on your electric guitar or if the strings have been pulling on the neck for a long time, it may be necessary to readjust the neck bend of the guitar using the neck tension rod. This is particularly the case if the new strings have a different gauge than the old strings, as the nut may also need to be reworked. However, this work should be carried out by trained specialists to avoid irreparable damage to the instrument.

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. The symbol means that your product must be disposed of separately from household waste at the end of its service life. Dispose of this appliance at your local collection point or recycling center. Please help to protect the environment in which we all live.

All technical data and appearances are subject to change without prior notice. All information was correct at the time of printing. Musikhaus Kirstein GmbH accepts no liability for the accuracy or completeness of the descriptions, photos or statements contained in this manual. Printed colors and specifications may differ slightly from the product. Musikhaus Kirstein GmbH products are only sold through authorized dealers. Distributors and dealers are not representatives of Musikhaus Kirstein GmbH and are not authorized to legally bind Musikhaus Kirstein GmbH in any way.

Musikhaus Kirstein GmbH
Bernbeurener Straße 11
86956 Schongau - Germany
info@kirstein.de
Tel: +49 (0)8861/909494-0