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CG-10X Street
guitar combo

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1 General notes

This user manual contains important information on safe operation of the device. Read and follow all safety notes and all instructions. Save this manual for future reference. Make sure that it is available to all persons using this device. If you sell the device, include the manual for the next owner.

Our products are subject to a process of continuous development. We therefore reserve the right to make changes without notice.

Symbols and signal words

This section provides an overview of the symbols and signal words used in this user manual.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
CAUTION!	This combination of symbol and signal word indicates a possible dangerous situation that can result in minor injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.
Warning signs	Type of danger
	Warning – high-voltage.
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used for amplification and playback of signals from musical instruments with electromagnetic pickups. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety



DANGER!

Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.



DANGER!

Electric shock caused by high voltages inside

Within the device there are areas where high voltages may be present. Never remove any covers.

There are no user-serviceable parts inside.

Do not use the device if covers, protectors or optical components are missing or damaged.



DANGER!

Electric shock caused by short-circuit

Always use proper ready-made insulated two-wire mains cabling (power cord). Do not modify the mains cable or the plug. Failure to do so could result in electric shock/death or fire. If in doubt, seek advice from a registered electrician.



CAUTION!

Possible hearing damage

With loudspeakers or headphones connected, the device can produce volume levels that may cause temporary or permanent hearing impairment.

Do not operate the device permanently at a high volume level. Decrease the volume level immediately if you experience ringing in your ears or hearing impairment.



NOTICE!

Risk of fire

Do not block areas of ventilation. Do not install the device near any direct heat source. Keep the device away from naked flames.



NOTICE!

Operating conditions

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.



NOTICE!

Power supply

Before connecting the device, ensure that the input voltage (AC outlet) matches the voltage rating of the device and that the AC outlet is protected by a residual current circuit breaker. Failure to do so could result in damage to the device and possibly injure the user.

Unplug the device before electrical storms occur and when it is unused for long periods of time to reduce the risk of electric shock or fire.



NOTICE!

Risk of fire due to incorrect polarity

Incorrectly inserted batteries may destroy the device or the batteries.

Ensure that proper polarity is observed when inserting batteries.



NOTICE!

Possible damage by leaking batteries

Leaking batteries can cause permanent damage to the device.

Take batteries out of the device if it is not going to be used for a longer period.



NOTICE!

Possible damage due to incorrect storage

Deep discharge can cause batteries to become permanently damaged or lose some of their capacity.

Before prolonged rest periods, charge the batteries to around 50 % of their capacity and then switch the equipment off. Store the equipment at a temperature between 10 °C and 32 °C in as dry an environment as possible. During extended storage periods, charge the batteries to 50 % approximately every three months.

3 Features

Special features of the device:

- Mains and battery operation
- 10 watt output power (RMS) in mains operation
- 5 watt output power (RMS) in battery operation
- 6.5" speaker
- 2 channels
- 3-band EQ with sweepable mids
- Chorus and Delay effects
- Adjustable microphone input
- MP3 input
- Headphones outlet
- Charging function with indicator for rechargeable batteries in mains operation

4 Installation and starting up

Unpack and carefully check that there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the device against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

Create all connections while the device is off. Use the shortest possible high-quality cables for all connections. Take care when running the cables to prevent tripping hazards.



NOTICE!

Possible property damage by magnetic fields

Loudspeakers produce a static magnetic field. Therefore, maintain an appropriate distance to devices that can be adversely affected or damaged by an external magnetic field.

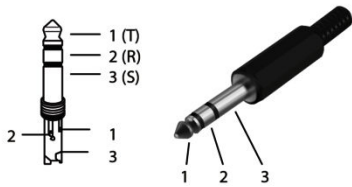
4.1 Pin assignment

Jack plug for signal inputs and outputs



The figure and the table show the pin assignment of the 1/4-inch (6.35-mm) jack plugs (mono) for the input (INPUT) and the microphone input (MIC IN).

1	Signal
2	Ground, shielding



The figure and the table show the pin assignment of the ¼-inch (6.35-mm) jack plugs (stereo) for the headphones output (PHONE).

1	Signal left channel
2	Signal right channel
3	Ground, shielding



We recommend earphones with stereo jack plugs providing a signal to both ears. The signal of the amplifier is mono



The figure and the table show the pin assignment of the 1/4-inch (3.5-mm) jack plugs (stereo) for the MP3 input (MP3).

1	Signal left channel
2	Signal right channel
3	Ground, shielding



We recommend the MP3 connection via 1/4-inch (3.5-mm) jack plugs so that both channels can be played. The signal processing of the device is effected in mono though stereo devices can also be connected.

4.2 Battery operation

You can also operate the device independently of the mains power supply with the supplied integrated VRLA rechargeable batteries. Rechargeable devices can be charged during mains operation.



NOTICE!

Possible damages by using non-rechargeable batteries

When using non-rechargeable batteries, dangerous corrosive substances may leak. Additionally, fire hazard exists!

Exclusively use rechargeable batteries.

Rechargeable batteries are charged automatically during mains operation. During the charging the battery control LED „CHARGE“ on the rear side of the device is illuminated. If the batteries are charged, this LED fades. To avoid overcharging of the batteries, take the batteries out of the battery compartment or disconnect the device from the mains supply and run it in battery mode.

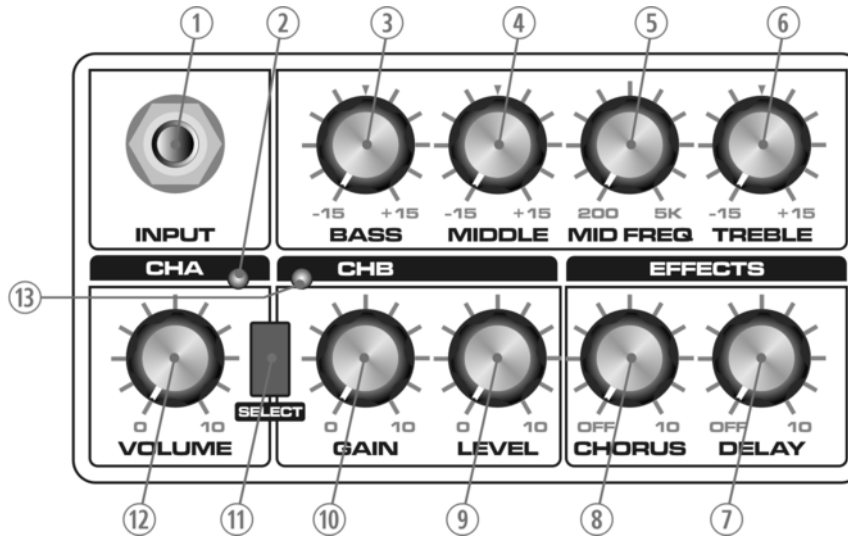
We recommend using Ni-MH-batteries (nickel-metal hydride). Maximum operation time is approx.10 hours.

Inserting batteries

For this purpose, remove the two thumb screws on the bottom side of the device and remove the flap of the battery compartment. Insert batteries 10 × 1,5 V batteries (size AA) according to the location plan on the flap. Be sure to observe the correct polarity, otherwise the device will not work or could be damaged. Remount the flap for the battery compartment and tighten both thumb screws.

5 Components and functions

Top side

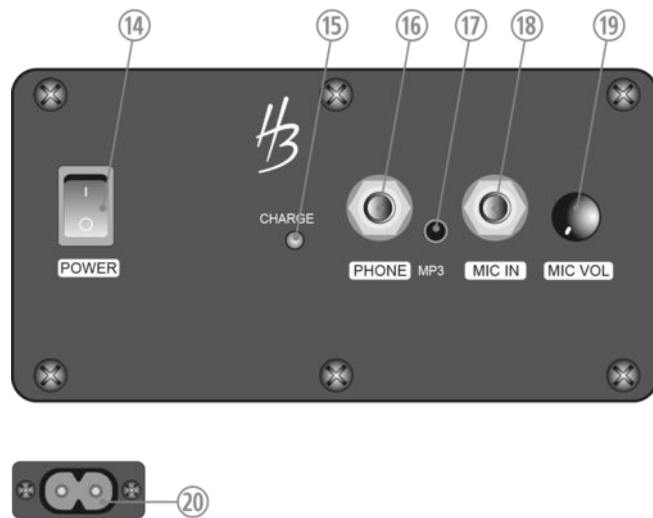


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1	INPUT 1/4" TS phone socket for the input signal from the instrument.
2	CHA This LED shows that channel A is active.
3	BASS Using the bass control of the 3-band EQ you can raise or lower the middle frequencies up to 15 dB.
4	MIDDLE Using the mids control of the 3-band EQ you can raise or lower the middle frequencies up to 15 dB.
5	MID FREQ Adjust the center frequency for the mids within a range of 200 Hz and 5 kHz.
6	TREBLE Using the treble control of the 3-band EQ you can raise or lower the middle frequencies up to 15 dB.
7	DELAY Use this control to set the intensity of the DELAY effect. The effect is inactive in OFF position.

8	CHORUS Use this control to set the intensity of the CHORUS effect. The effect is inactive in OFF position.
9	LEVEL This is the volume control for channel B.
10	GAIN Use this control to regulate the input amplification for channel B and overdrive.
11	SELECT Channel switch Channel A reproduces clean sound whereas channel B reproduces distorted sounds.
12	VOLUME This is the volume control for channel A.
13	CHB This LED shows that channel Bis active.

Rear panel



14	POWER Power on/off switch. Turns the device on and off.
15	CHARGE The load control LED is illuminated when the batteries in the battery compartment are charged.
16	PHONE ¼-inch (6.35-mm) headphone jack socket. When you connect headphones, the internal speakers are disconnected. To avoid annoying noises, turn the volume of the active channel completely down before plugging headphones in or out.
17	MP3 You can connect MP3/CD players or similar devices to this ¼-inch (6.35-mm) jack socket to effect reproduction via the amplifier.
18	MIC IN Insert a dynamic microphone here and play it via the amplifier.

19 **MIC VOL**

Use this control to set the volume of the master signal.

20 Connect the main socket of the device to the mains supply with the enclosed power cord

6 Technical specifications

Input impedance	-10 dBu/ 1 MΩ
Output power	10 W (RMS) @ 4 5 W for operation with rechargeable batteries
Configuration	1 × 6.5" speaker 4 Ω
Operating supply voltage	AC 230 V ~ 50 Hz 10 × 1,5 V rechargeable batteries, size AA
Power consumption	18 W (RMS)
Dimensions (W × H × D)	235 mm × 235 mm × 155 mm
Weight	3,4 kg (without batteries)

7 Protecting the environment

Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are fed to a recovery. Please follow the notes and markings on the packaging.

Disposal of batteries



Batteries must not be disposed of as domestic waste or thrown into fire. Dispose of the batteries according to national or local regulations regarding hazardous waste. To protect the environment, dispose of empty batteries at your retail store or at appropriate collection sites.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose with your normal household waste.

Dispose this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

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