



JB SYSTEMS GEQ215 Audio Processing User Manual

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Operation Manual

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DISPOSAL OF THE DEVICE

Dispose of the unit and used batteries in an environment friendly manner according to your country regulations.

OPERATION MANUAL

Thank you for buying this JB Systems® product. To take full advantage of all possibilities, please read these

operating instructions very carefully.

FEATURES

- 2x 15-band graphic equalizer (+/-12dB)
- Balanced XLR & '1/4" Jack inputs and outputs
- Equalizer bypass switch.
- 50Hz Lowcut filter switch
- 4-segment Output Level meters
- Standard 19" — 1Unit rack format.

BEFORE USE

- Before you start using this unit, please check if there's no transportation damage. Should there be any, do not use the device and consult your dealer first.
- Important: This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the fixture, be sure to add this user manual.
- To protect the environment, please try to recycle the packing material as much as possible.

Check the contents:

Check that the carton contains the following items:

- User manual
- GEQ215 equalizer
- Mains cable

SAFETY INSTRUCTIONS:



CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user or the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.



This symbol means: indoor use only



This symbol means: Read instructions

- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when

bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance or may even cause damages.

- This unit is for indoor use only.
- Don't place metal objects or spill liquid inside the unit. No objects filled with liquids, such as vases, shall be placed on this appliance. Electric shock or malfunction may result. If a foreign object enters the unit, immediately disconnect the mains power.
- No naked flame sources, such as lighted candles, should be placed on the appliance.
- Don't cover any ventilation openings as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum safe ambient temperature is 40°C. Don't use this unit at higher ambient temperatures.
- Minimum distances around the apparatus for sufficient ventilation is 5cm.
- Always unplug the unit when it is not used for a longer time or before you start servicing.
- The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.
- Check that the available voltage is not higher than the one stated on the rear panel of the unit.
- The socket inlet shall remain operable for disconnection from the mains.
- The power cord should always be in perfect condition. Switch the unit immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Never let the power-cord come into contact with other cables!
- When the power switch is in OFF position, this unit is not completely disconnected from the mains!
- In order to prevent electric shock, do not open the cover. Apart from the mains fuse there are no user serviceable parts inside.
- Never repair a fuse or bypass the fuse holder. Always replace a damaged fuse with a fuse of the same type and electrical specifications!
- In the event of serious operating problems, stop using the appliance and contact your dealer immediately.
- Please use the original packing when the device is to be transported.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.

INSTALLATION GUIDELINES:

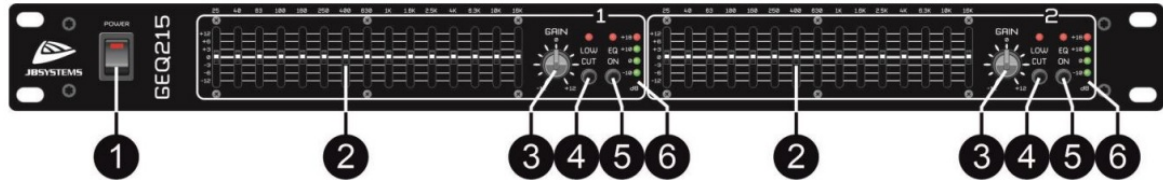
- Install the unit in a well-ventilated location where it will not be exposed to high temperatures or humidity.
- Placing and using the unit for long periods near heat-generating sources such as amplifiers, spotlights, etc. will affect its performance and may even damage the unit.
- The unit can be mounted in 19-inch racks. Attach the unit using the 4 screw holes on the front panel. Be sure to use screws of the appropriate size. (screws not provided) Take care to minimize shocks and vibrations during transport.
- When installed in a booth or flight case, please make sure to have good ventilation to improve heat evacuation of the unit.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance.

CLEANING THE APPLIANCE:

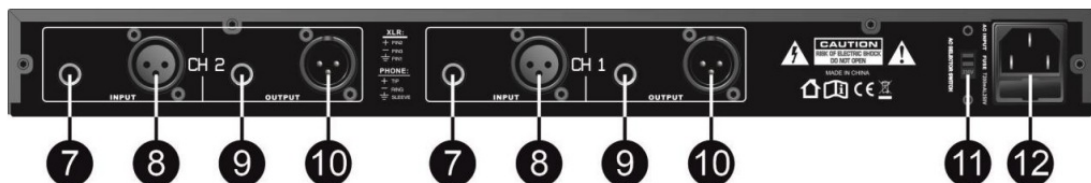
Clean by wiping with a polished cloth slightly dipped with water. Avoid getting water inside the unit. Do not use volatile liquids such as benzene or thinner which will damage the unit.

FUNCTIONS (FRONT)

1. POWER switch: to switch the unit ON or OFF
2. EQ Control faders for boosting or attenuating the respective frequency band levels.



3. GAIN: Channel input level control
4. LOW CUT switch: to switch the 50Hz subsonic filter On/Off.
Down position: Filter switched on. (LED ON) Frequencies below 50Hz are cut off.
Up position: Filter switched off. The full soectrum range goes through the equalizer
5. EQ ON to activate or bypass the equalizer adjustments. You can use this switch to compare the modified sound to the original non-processed sound.
Down position: The adjustments for the respective channel are effective. (LED ON)
Up position: The respective channel is bypassed. (LED OFF)



6. VU meter: to monitor the channel input level
7. 1/4" jack INPUT: balanced channel input
8. XLR INPUT: balanced channel input
9. 1/4" jack OUTPUT: balanced channel output
10. XLR OUTPUT: balanced channel output
11. AC VOLTAGE selector: before plugging in the power cord, check to see if the unit is set for the voltage for your area: 115V(60HZ) or 230V(50HZz)
12. Mains input: first check if the voltage is set to the voltage for your area (11). Then you can use the supplied power cable to connect the unit to the mains The main input is equipped with a fuse to protect the unit. Replace it only with the same type and value: 20mm glass fuse 250V 200mA slow blow.

SPECIFICATIONS

This device carries the prescribed CE marking. It was tested for this purpose in a specialized CE lab and fully complies with all currently valid European and national standards. The corresponding CE conformity declarations can be found on the product page of this product on our website.

Power Supply selection switch: AC 100-120V, 60Hz AC 200-240V. 50Hz

Frequency response: | 20-20.000Hz

Controllable Frequencies: 25/40/63/100/160/250/400/630Hz 1/1 AO 5/4/6 1/10/1A KH7

Low Cut Filter: 50Hz / -12dB

THD + noise: | <0.05%

S/N Ratio: | >95dB

Dimensions: | 482(W) x 44.5(HI x 150(D) mm

Weight: 2,07kg

The information is subject to change without prior notice

You can download the latest version of this user manual on our website: www.jb-systems.eu

MAILING LIST

Subscribe today to our mailing list for the latest product news!


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Documents / Resources

	<p>JB SYSTEMS GEQ215 Audio Processing [pdf] User Manual GEQ215 Audio Processing, GEQ215, Audio Processing, Processing</p>
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