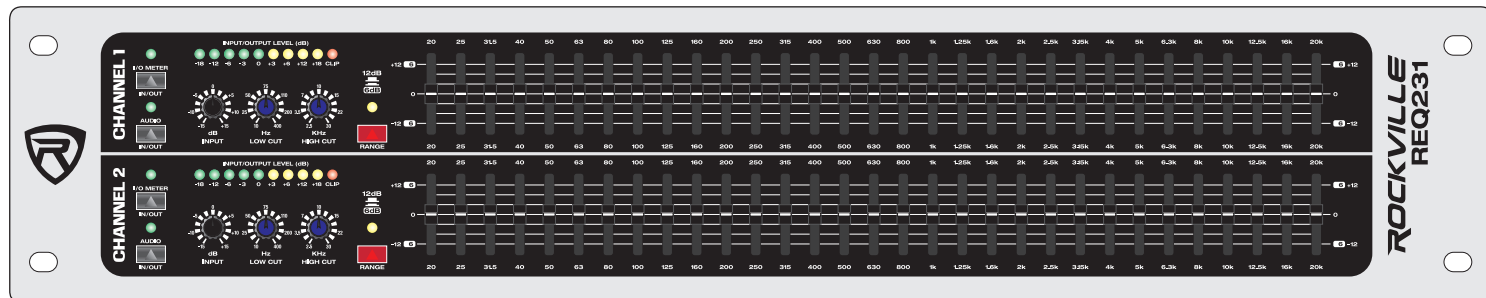


ROCKVILLE



OWNER'S MANUAL

REQ231
DUAL CHANNEL 62 BAND RACK MOUNTABLE EQ

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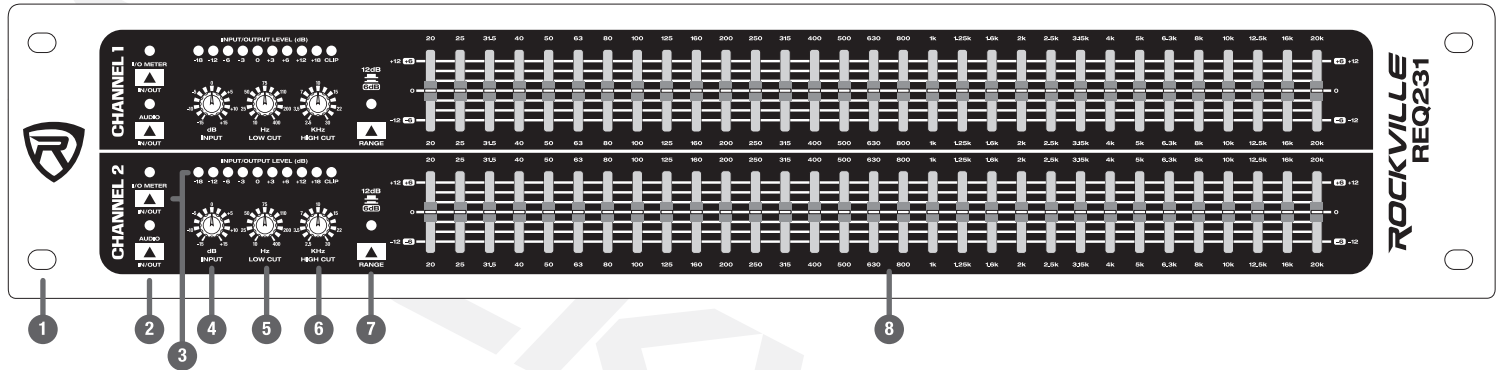
Thank you for purchasing this Rockville REQ231 Dual Channel 62 Band Rack Mountable EQ. Please read this installation guide carefully for proper use of your REQ231. Should you need assistance, please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

IMPORTANT SAFETY INSTRUCTIONS



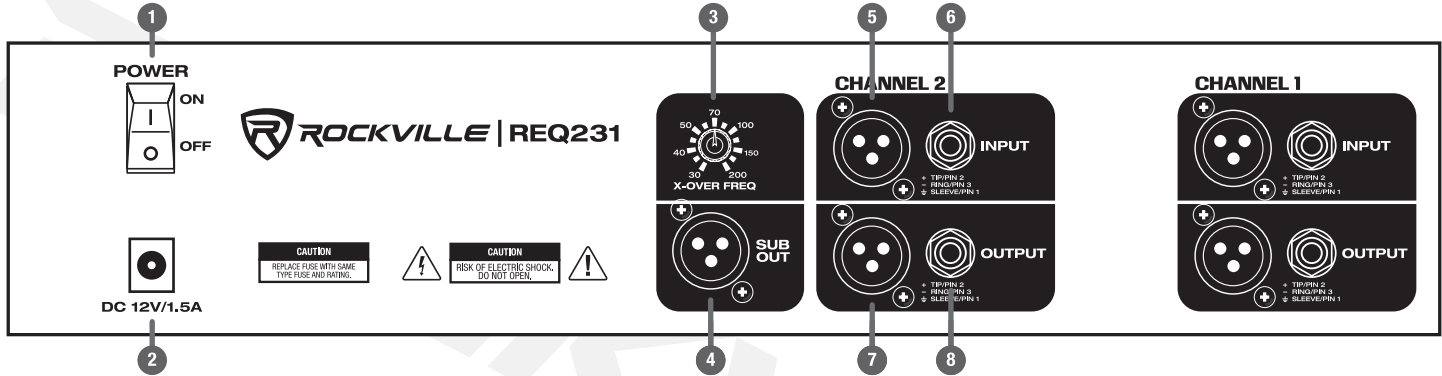
- To reduce risk of electric shock, never open the unit. There are no user serviceable parts, refer service to an authorized Rockville service center.
- Do not expose this unit to any kind of moisture.
- Please ensure that the unit is situated in a properly ventilated area.
- Make sure the unit is placed on a level and stable surface.

Functions



1. Rack ears: allows for unit rack mount using four attaching screws and washers (not included).
2. Audio In/Out switch: enables/disables the corresponding EQ section. Use the Audio In/Out switch to compare direct to processed signals.
3. I/O Meter In/Out switch & LED Meter: use to toggle the LED meter to display input or output levels. When the switch is pressed in, meter will display output levels. The LED meter monitors the signal level to warn you of distortion. The red CLIP LED lights up at +12dB (3dB below clipping).
4. Input level control: adjusts the input level ± 15 dB.
5. Low-Cut control: determines low end cut-off frequency (10Hz – 400Hz with a 18dB per octave roll-off).
6. High-Cut control: determines high end cut-off frequency (2.5KHz – 30KHz with a 18dB per octave roll-off).
7. Range switch: allows you to switch between maximum boost/cut in each frequency from ± 12 dB to ± 6 dB (switch pressed).
8. Equalization sliders: cut or boost corresponding frequencies by ± 12 dB or ± 6 dB (see item 7).

Functions

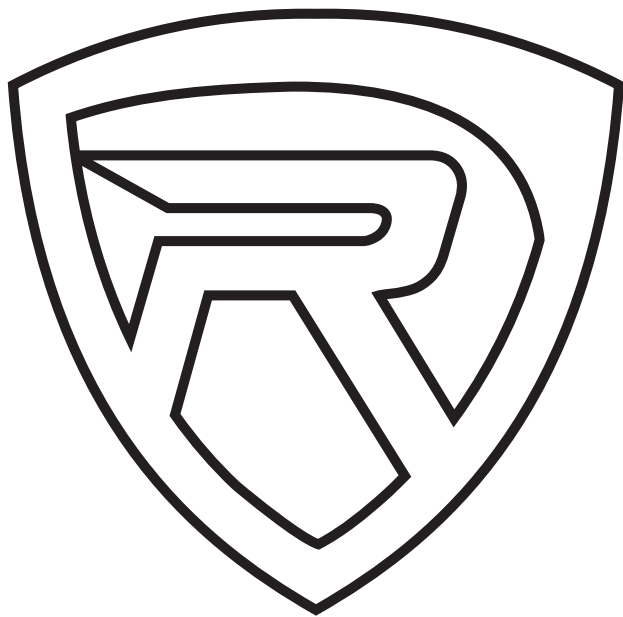


1. Power switch
2. DC12V/1.5A power input
3. Crossover Frequency control: 30Hz – 200Hz
4. XLR Subwoofer output
5. Balanced XLR input
6. Balanced ¼" TRS input
7. Balanced XLR output
8. Balanced ¼" TRS input

Features/Specifications

- Dual channel (31 bands per channel)
- Variable stage low and high cut filters
- 1/3 octave filter sets (ISO centers)
- 20Hz – 20kHz effective equalization range
- Constant Q filters
- Selectable 6dB or 12dB cut or boost range
- Output level LEDs (–10 to +17dB)
- Bypass switch with status LED
- Ground lift switch
- Balanced XLR input/output
- Subwoofer out
- Channels: 2 (stereo)
- Connectors: XLR balanced inputs and outputs
- Bands: 31 per channel
- Frequency Centers: 20Hz, 25Hz, 31.5Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1KHz, 1.25KHz, 1.6KHz, 2KHz, 2.5KHz, 3.15KHz, 4KHz, 5KHz, 6.3KHz, 8KHz, 10KHz, 12.5KHz, 16KHz, 20KHz
- Control Range: Selectable ± 12 dB or ± 6 dB
- Input Impedance: 50k ohms
- Output Impedance: 600 ohms
- Maximum Output Level: +21dB
- Level Control: ± 10 dB

- Signal to Noise: >93dB
- Distortion: 0.005%
- Roll-off filters: 18dB/octave, Butterworth
- Power Consumption: 15 watts



RockvilleAudio.com

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