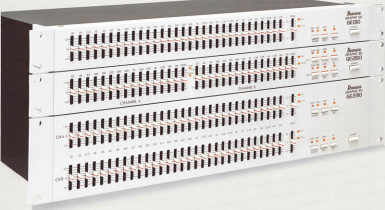


Ibanez



Ibanez graphic equalizers are designed for professional use, offering a variety of equalizing features such as superb sound quality and precision. The circuits, construction, and parts are carefully chosen for the vital role they play in the high-level performance of the equalizer.



GE130 3IBAND GRAPHIC EQ

GE250 STEREO 5BAND GRAPHIC EQ

GE230 STEREO 5IBAND GRAPHIC EQ

- The optimum operation level can be set by the user, using the push indicator and signal indicator.
- The F.O. level can be set within a range of 10 dB to +4 dB, using the LEVEL switch.
- The GE230 and GE250 models, in addition to XLR balanced inputs and outputs, are equipped with 1/4" phone jacks. Independent output circuits for balanced outputs and unbalanced outputs are provided, so that one can be designated as main output and the other as monitor output, for simultaneous usage.
- The GE230, equipped with balanced outputs (1/4" stereo phone), is especially designed for professional use. In addition, RCA jacks are provided for inputs and outputs, making this the ideal model for a wide variety of applications.
- The unique RANGE switch selects between two ranges of boost/cut. A range of +1 - 6dB is available for subtle colorations and a range of +1 - 12dB provides more extensive control.
- The switchable High Pass Filter (HPF) cuts off 16dB octave starting at 40Hz. The HPF protects receiver and amplifier from damaging low frequency transients.
- Individual IN/OUT switches separately bypass each channel.

Conventionally, most low-cost mixers designed to be mounted in racks were studded with small knobs that made operation difficult at best. The Ibanez RM122 offers 12 channels, for improved operation, as well as a unique 3-band equalizer. The large number of inputs and outputs enhance operation of this 12-channel stereo mixer and the design enables a variety of applications, such as mixing of personal recordings and use as a sub-mixer for key-boards and PA systems.



- The optimum input level can be set by the user, using the push indicator and signal indicator.
- The 3-band equalizer makes it possible to create a wide variety of different sounds.
- Using the 2 effect sends and 2 stereo returns, the mixer can be connected to multiple external signal processors. In addition, a level switch (+4dB - 3dB) is provided for effect 1, to allow various types of external equipment to be connected. The 2 stereo returns can be used as AUX IN terminals.
- MONITOR OUT and REC OUT terminals are both provided, and independent levels can be set for both.
- A LEVEL switch (+4dB - 3dB) is provided for master out, enabling various professional applications.

RM122 12-CHANNEL STEREO MIXER



SPECIFICATIONS

GE1310 3-BAND GRAPHIC EQ

• FREQUENCY RESPONSE	20Hz - 20kHz $\pm 0.5\%$ - 1dB
• TOTAL HARMONIC DISTORTION	0.05% 20Hz - 20kHz
• HUM AND NOISE	-94dB 100Hz - 20kHz
• MAXIMUM INPUT LEVEL	$\pm 20dBV$
• INPUT IMPEDANCE	10k Ω
• MAXIMUM OUTPUT LEVEL	$\pm 24dBV$
• BALANCE	$\pm 30dBV$
• OUTPUT IMPEDANCE	600 Ω
• BALANCE	10k Ω
• DIMENSIONS	482(W) \times 44(H) \times 215(D)mm
• WEIGHT	3.5kg
• POWER REQUIREMENT	120V AC, 60Hz, 10W 220-240V AC, 50Hz, 10W

GE2150 STEREO 15-BAND GRAPHIC EQ

• FREQUENCY RESPONSE	20Hz - 20kHz $\pm 0.5\%$ - 1dB
• TOTAL HARMONIC DISTORTION	0.05% 20Hz - 20kHz
• HUM AND NOISE	-94dB 100Hz - 20kHz
• MAXIMUM INPUT LEVEL	$\pm 20dBV$
• INPUT IMPEDANCE	10k Ω
• BALANCE	$\pm 24dBV$
• UNBALANCE	$\pm 30dBV$
• OUTPUT IMPEDANCE	600 Ω
• BALANCE	10k Ω
• DIMENSIONS	482(W) \times 44(H) \times 215(D)mm
• WEIGHT	3.5kg
• POWER REQUIREMENT	120V AC, 60Hz, 10W 220-240V AC, 50Hz, 10W

GE2310 STEREO 3-BAND GRAPHIC EQ

• FREQUENCY RESPONSE	20Hz - 20kHz $\pm 0.5\%$ - 1dB
• TOTAL HARMONIC DISTORTION	0.05% 20Hz - 20kHz
• HUM AND NOISE	-94dB 100Hz - 20kHz
• MAXIMUM INPUT LEVEL	$\pm 20dBV$
• INPUT IMPEDANCE	10k Ω

• MAXIMUM OUTPUT LEVEL	$\pm 24dBV$
• BALANCE	$\pm 30dBV$
• OUTPUT IMPEDANCE	600 Ω
• BALANCE	10k Ω
• UNBALANCE	10k Ω
• DIMENSIONS	482(W) \times 44(H) \times 215(D)mm
• WEIGHT	4.5kg
• POWER REQUIREMENT	120V AC, 60Hz, 10W 220-240V AC, 50Hz, 10W

RM122 12-CHANNEL STEREO MIXER

• FREQUENCY RESPONSE	20Hz - 20kHz $\pm 1dB$ - 3dB
• TOTAL HARMONIC DISTORTION	0.1% 20Hz - 20kHz
• HUM & NOISE	-120dB 100Hz - A
• EQUIVALENT INPUT NOISE	-90dB
• RESIDUAL OUTPUT NOISE	-60dB
• CROSSTALK	-60dB 50Hz
• INPUT CHARACTERISTICS	
CH	$\pm 20dBV$ - $\pm 10dBV$
AUX	$\pm 20dBV$
EFFECT1	$\pm 20dBV$ $\pm 6dBV$
EFFECT2	$\pm 20dBV$
• OUTPUT CHARACTERISTICS	
MASTER OUT	$\pm 10dBV$ $\pm 40dBV$
MONITOR OUT	$\pm 6dBV$
REC OUT	$\pm 6dBV$
EFFECT1	$\pm 20dBV$ $\pm 6dBV$
EFFECT2	$\pm 20dBV$
PHONES	8 Ω W, 8 Ω
• MAXIMUM GAIN	60dB
• CUE IN TO MASTER OUT	$\pm 10dBV$
• MAXIMUM INPUT LEVEL	$\pm 10dBV$
• MAXIMUM OUTPUT LEVEL	$\pm 10dBV$ 800 Ω LOAD
• EQUALIZATION	
MODE	$\pm 15dB$ at 100Hz (SHOVLING)
TREBLE	$\pm 15dB$ at 2.5kHz (PEAKING)
TREBLE	$\pm 15dB$ at 10kHz (SHOVLING)
• LED INDICATOR	6dB below clipping
• PEAK (RED)	$\pm 20dBV$
• SIGNAL (GREEN)	800mV \pm 225mV \pm 885mV
• DIMENSIONS	482(W) \times 44(H) \times 215(D)mm
• WEIGHT	3.8kg
• POWER REQUIREMENT	220V/240V AC, 50Hz, 10W

All specifications subject to change without notice or obligation.



PQ104 4-BAND PARAMETRIC EQ

- Each band offers "Frequency", "Bandwidth" and "Gain" controls.
- Bass and Treble controls are available for total sound shaping.
- Switchable High Pass Filter rolls off 18 dB octave starting at 40 Hz to protect speakers and amplifiers from harmful low frequency transients.
- 10 inch standard single space rackmount format.
- 1/4 inch and RCA type inputs and outputs for line and studio operation.

• INPUT IMPEDANCE	47 k Ω W
• OUTPUT IMPEDANCE	LESS THAN 10 k Ω W
• FREQUENCY RESPONSE	20Hz - 20kHz (FLAT)
• EQUIVALENT INPUT NOISE	-94dB 100Hz - A, FLAT
• CENTER FREQUENCY	LOW 20Hz - 20Hz LOW-MID 30Hz - 50Hz HIGH-MID 100Hz - 20kHz HIGH 200Hz - 20kHz
• BANDWIDTH	0.7 - 4.0 OCT
• GAIN LIMIT	$\pm 15dB$
• CONTROL	INPUT LEVEL $\times 1$ FREQUENCY $\times 4$ BANDWIDTH $\times 4$ GAIN $\times 4$ OUTPUT LEVEL $\times 1$ TONE BASS 100Hz $\pm 15dB$ TREBLE 10kHz $\pm 15dB$ HIGH PASS FILTER 18dB/OCT AT 40 Hz EFFECT (NORMAL, PARAMETRIC, EQ)
• SWITCH	POWER
• JACK	INPUT (PHONE, P8)
• INDICATOR	OUTPUT (PHONE, P8) POWER EFFECT IN INPUT LEVEL HIGH PASS FILTER IN
• POWER REQUIREMENT	100V AC 60Hz 10W, 200 - 240V AC 50Hz 10W
• DIMENSION	482(W) \times 44(H) \times 445(D)mm
• WEIGHT	3.2kg

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