

SIGNAL PROCESSORS

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GEQ1500

15-band Graphic Equalizer

- ▶ Two 15-band, 2/3-octave Constant Q frequency bands
- ▶ Switchable boost/cut ranges of ± 6 or ± 12 dB
- ▶ 12 dB per octave 50Hz low-cut filter
- ▶ Front-panel bypass switch
- ▶ ± 12 dB input gain range
- ▶ 4-segment LED ladders for monitoring output levels
- ▶ XLR and TRS Inputs and Outputs
- ▶ Internal Toroidal Transformer
- ▶ 482 x 183 x 44 mm (19" x 7.2" x 1.7") \ 2.29 kg (5.05 lbs)

PPC8000

Power Conditioner with Light Modules

- ▶ 8 switched outlets on the rear of the unit
- ▶ Single, unswitched outlet on the front
- ▶ Two swiveling light fixtures with dimmer switch for rack illumination
- ▶ RFI / EMI filtering
- ▶ Circuit Breaker with 15 amp rating
- ▶ Heavy-duty 14-gauge AC power cord
- ▶ Triple-mode Varistor spike and surge protection
- ▶ 44.44 x 48.2 x 152 mm (2.75" x 1.9" x 6") \ 2.4kg (5.29 lbs)

PCR2213

Active Crossover

- ▶ Stereo 2-way or mono 3-way operation
- ▶ 24 dB/octave Linkwitz-Riley filters with zero phase error at crossover frequencies
- ▶ Perfect flat summed amplitude response at all crossover frequencies
- ▶ Independent limiters on all outputs with pre-defined time parameters
- ▶ Latching mute push Buttons on all outputs, vital during setting up and troubleshooting
- ▶ LED indication on all important switching functions for easy status identification
- ▶ Crossover frequencies continuously variable from 80 - 8000 Hz
- ▶ Time/phase alignment via polarity switches and 4 ms time delay controls
- ▶ Switchable horn EQ curve to compensate the HF roll-off
- ▶ RF and Subsonic input filters
- ▶ High precision components and potentiometers ensure excellent quality and accuracy of settings
- ▶ Balanced XLR inputs and outputs
- ▶ 482 x 44.5 x 167 mm (19" x 1.75" x 6.57") \ 3.21kg (7.1 lbs)

GEQ3100

31-band Graphic Equalizer

- ▶ Two 31-band, 1/3-octave Constant Q frequency bands
- ▶ Switchable boost/cut ranges of ± 6 or ± 12 dB
- ▶ 12 dB per octave 50Hz low-cut filter
- ▶ Front-panel bypass switch
- ▶ ± 12 dB input gain range
- ▶ 4-segment LED ladders for monitoring output levels
- ▶ XLR and TRS Inputs and Outputs
- ▶ Internal Toroidal Transformer
- ▶ 482 x 183 x 88 mm (19" x 7.2" x 3.6") \ 4.4 kg (9.7 lbs)

PPC9000

Power Conditioner with Light Modules

- ▶ 8 switched outlets on the rear of the unit
- ▶ Single, unswitched outlet on the front
- ▶ Two swiveling light fixtures with dimmer switch for rack illumination
- ▶ RFI / EMI filtering
- ▶ Circuit Breaker with 15 amp rating
- ▶ Heavy-duty 14-gauge AC power cord
- ▶ Triple-mode Varistor spike and surge protection
- ▶ 20-segment, line Voltage meter reading from 90 to 128 VAC
- ▶ 44.44 x 48.2 x 152 mm (2.75" x 1.9" x 6") \ 2.4kg (5.29 lbs)

iA231F

Dual Channel Digital 31-Band Graphic Equalizer

- ▶ 30 mm VR Sliders for precise adjustment
- ▶ Feedback Detection System instantly reveals critical frequencies
- ▶ Additional HPF filter removes unwanted frequencies
- ▶ Switchable boost/cut range between 6 dB and 12 dB
- ▶ EQ IN/OUT switch
- ▶ I/O Level meter switch
- ▶ Dedicated mono subwoofer output with adjustable crossover frequency
- ▶ +15 dB to -∞ input gain range for easy level matching
- ▶ 8-segment LED meter with clip warning for input
- ▶ Illuminated faders
- ▶ Relay-controlled bypass
- ▶ Channel-link function
- ▶ Balanced inputs and outputs with 1/4" TRS and XLR connectors
- ▶ Built-in limiter control from -20 dB to +20 dB (OFF)
- ▶ 485.5 x 88 x 182 mm (19" x 3.5" x 7.2") \ 3.2 kg (7.1 lbs)

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i7100

Digital Feedback Eliminator

- ▶ 24 fully programmable parametric filters can be set manually
- ▶ Auto Mode constantly monitors the mix and automatically resets the filters
- ▶ Manual Mode provides each channel with up to 12 fully parametric filters
- ▶ Single-Shot, Auto, and Manual modes can be assigned to each individual filter
- ▶ Most recent changes are automatically stored and kept, even after the power is off
- ▶ 51.3 x 482 x 207.6 mm (2.02" x 18.98" x 8.17") \ 2.2Kg (4.8lbs)

i7600

Dual 30-Band 1/3 Octave Digital Graphic Equalizer with RTA

- ▶ Dual-channel 29-band real-time spectrum analyzer (RTA)
- ▶ 24-bit A/D and D/A converters with 256/512 times over sampling for high headroom and resolution
- ▶ Internal 32-bit/44.1 KHz processor
- ▶ Provides 12 dB of boost or cut
- ▶ Channel-link function
- ▶ Stores up to 60 programs: 30 factory-set, 30 user-defined
- ▶ Selectable unit of measurement for RTA line signal: dBu or dBV
- ▶ Six view range options for band-level measurement
- ▶ Six response time options
- ▶ Peak-hold options: permanent and none
- ▶ Three weighting options: A weighting, C weighting, and flat
- ▶ Pink noise generator outputs balanced test signals at 0 dB
- ▶ Bypass function
- ▶ Variable low-pass filter (LPF) and high-pass filter (HPF)
- ▶ Balanced XLR and 1/4" TRS inputs and outputs
- ▶ Operating levels of +4 dBu and -10 dBV independently selectable for input and output
- ▶ 780 bright LED indicators
- ▶ Rack mountable in one rack-space chassis
- ▶ 483 x 44 x 206 mm (19" x 1.75" x 8") \ 2.5 kg (5.5 lbs)



i7600



i7300

i7300

Digital Multi Reverb

- ▶ 24-bit A/D and D/A converters with 256/512 times over sampling for high headroom and resolution
- ▶ Internal 32-bit processor with 44.1 kHz sampling rate
- ▶ True stereo performance and variable stereo image parameters
- ▶ 100 factory programs and 100 user programs
- ▶ Dual 10-segment LED level meters
- ▶ Balanced XLR and 1/4" TRS inputs and outputs
- ▶ Operating levels of +4 dBu and -10 dBV independently selectable for input and output
- ▶ Foot switch connector for hands-free program selection and bypass
- ▶ MIDI capability allowing real-time program selection and dump
- ▶ Dedicated rotary controls and illuminated buttons for quick and easy operation
- ▶ Large LCD display
- ▶ 51.3 x 482 x 207.6 mm (2.02" x 18.98" x 8.17") \ 2.5 kg (5.5 lbs)

DYN2000

Dual Channel Compressor and Limiter

- ▶ Stereo or Dual Mono operation of gating, compression and peak limiting
- ▶ Expander/Gate Circuit with variable release time and +15dBu maximum threshold
- ▶ Hard Knee Selection allows selection between compression curve and the classic Hard Knee curve
- ▶ Low Frequency Shelf (via Contour button) in the Sidechain Path function
- ▶ Limiting - provides control of maximum peak levels at output regardless of other controls
- ▶ Peak Limiter comes after the compression, gating and other circuitry including the output gain
- ▶ Absolute limit for peak excursions before they reach the output
- ▶ True RMS Level Detection senses the power in the program, in a similar way as human hearing does, giving results superior to peak or average detection
- ▶ Bypass Buttons on both channels - comparing the processed and unprocessed signals
- ▶ LED Display for Gain Reduction and output
- ▶ Balanced XLR and 1/4" TRS Input and Output Jacks
- ▶ Separate Sidechain Inserts enable an outboard processor or signal to control compression or gating
- ▶ 482 x 183 x 44 mm (19" x 7.2" x 1.7") \ 2.29 kg (5.05 lbs)