

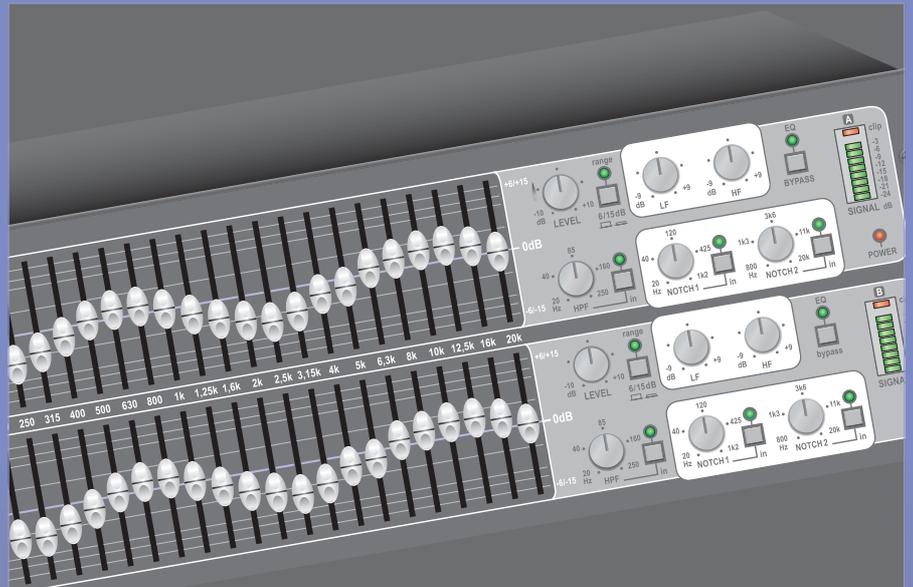
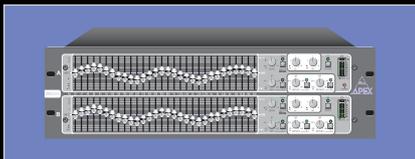
PASSIONATE ABOUT SOUND

dBQ-ZERO

GRAPHIC EQUALISER

Apex has been active in manufacturing Pro Audio Signal Processors since '91. Our goal has always been to develop original products, e.g. the innovative Intelli-Q and the PE series Paragraphic Equalizer. With the new dBQzero, Apex offers a high quality graphic equalizer with excellent specifications and comprehensive features at a very affordable price.

Potential users : PA-Companies, Rental Companies, Install Companies, DJ's, musicians, etc.



WHAT MAKES THE DBQ ZERO DIFFERENT ?

- Two channels of 30 band graphic equaliser section on ISO centre frequencies and with constant Q. Switchable 6dB or 15dB cut or boost via smooth 45mm faders.
- High and Low shelving controls per channel for smooth adjustments of highs and lows. Will add transparency and warmth to your sound.
- High pass filter with rotary swept frequency control to easily remove unwanted noise and rumble.
- Two notch filters with a fixed Q factor of 2 and a fixed depth of -30dB. The first has a frequency selection variable between 20Hz and 1200Hz and the second between 800Hz and 20kHz. This will enable you to eliminate feedback problems in a very fast way. Both filters can be switched in or out.
- Complete 9 section LED VU-meter with Clip LED.
- Overall gain control +/- 10dB
- Complete EQ bypass switch and automatic bypass when power failure.

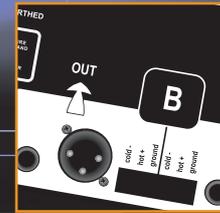


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SPECIFICATIONS

TWO INDEPENDENT CHANNELS, BOTH WITH FOLLOWING FEATURES:

GRAPHIC EQUALIZER SECTION thirty 45 mm faders, +/-6dB or +/-15dB switchable boost/cut, ISO frequencies, CONSTANT Q !

HF SHELVING CONTROL rotary boost/cut control of +/- 9dB @ 14 kHz.

LF SHELVING CONTROL rotary boost/cut control of +/- 9dB @ 100 Hz

HIGH PASS FILTER rotary swept control gives a cut-off of 12 dB/octave adjustable between 20 Hz to 250 Hz.

TWO NOTCH FILTERS Fixed Q factor of 2 and fixed depth of -30 dB with variable frequency control, the first between 20 Hz and 1200 Hz and the second from 800 Hz to 20 kHz

EQ BYPASS PUSH BUTTON Complete bypass of the circuitry (same as power failure)

METERING Nine section LED VU-meter and a clip LED

GAIN CONTROL Overall rotary gain control +/- 10 dB

REAR PANEL:

LINE INPUTS Balanced high impedance line level input, 10 K Ohms on 1/4 jack, XLR and screw terminal connector
Gain adjustable -20/+6 dB via rotary control

LINE OUTPUTS Electronically balanced low impedance outputs, max level +21 dB into 600 ohms on 1/4 jack, XLR and screw terminal connector

NOISE < 90 dBu, 22Hz - 22kHz, unweighted, graphic EQ in Circuit, 0 dB setting

CROSSTALK better than 80 dB

THD < 0.005 %, 20 Hz - 20 kHz

FREQUENCY RESPONSE +/- 0.5 dB, 20 Hz - 20 kHz, all controls flat

POWER SUPPLY Auto-detect 110/230 V - 50/60 Hz, switching power supply, power switch and fuse on the back panel, power LED on the front panel

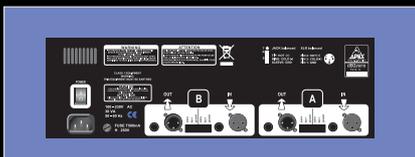
POWER SWITCHING On/Off switch on backpanel

POWER ON INDICATION indicated by LED on front panel

POWER FAILSAFE & SWITCH ON DELAY

In the event of power failure the unit automatically connects the input signals to the outputs. When power is applied there is a delay before the equalizer is switched into circuit.

PHYSICAL DIMENSIONS 3U rack case, 483 mm (19") x 133 mm (5.25")



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