

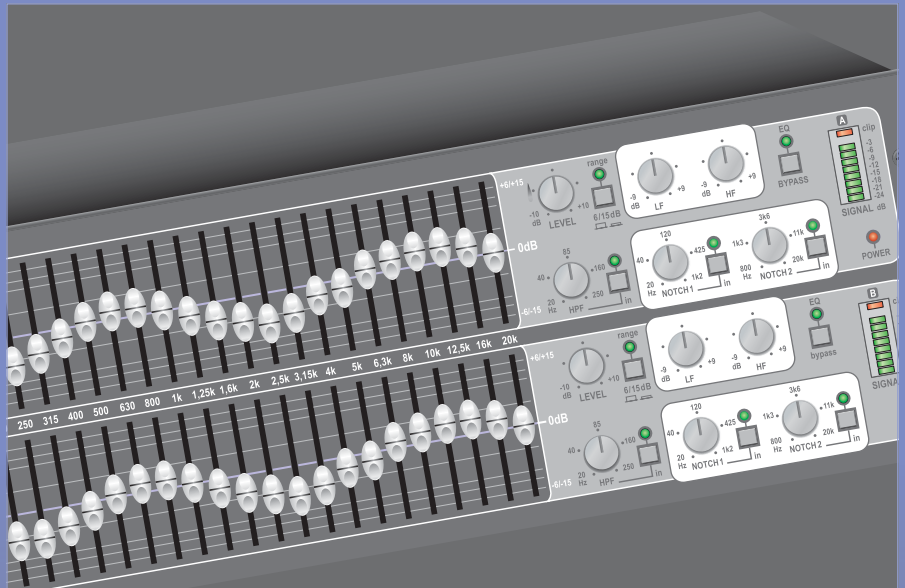
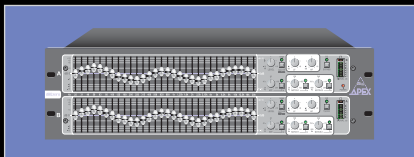
PASSIONATE ABOUT SOUND

## 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 Paraphraphic 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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vorm: whiteight.be

**dBQ-ZERO**

**GRAPHIC EQUALISER**

## **SPECIFICATIONS**

**TWO INDEPENDENT CHANNELS, BOTH WITH FOLLOWING FEATURES:**

**GRAPHIC EQUALIZER SECTION** thirty 45 mm faders,  $\pm 6$  dB or  $\pm 15$  dB switchable boost/cut, ISO frequencies, CONSTANT Q !

**HF SHELving CONTROL** rotary boost/cut control of  $\pm 9$  dB @ 14 kHz.

**LF SHELving CONTROL** rotary boost/cut control of  $\pm 9$  dB @ 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  $\pm 10$  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**  $\pm 0.5$  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

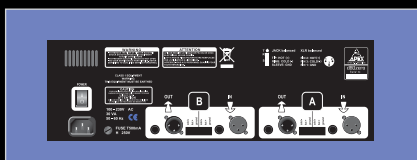
**POWER SWITCHING** On/Off switch on backpanel

**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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