

AB MODEL 231,131,215 - SPECIFICATIONS

Equalizer:

Channels

AB 231 Two
AB 131 One
AB 215 Two

Bands

AB 231 2x31,1/3-Octave ISO Spacing
From 20Hz to 20kHz
AB 131 1x31,1/3 -Octave ISO Spacing
From 20Hz to 20kHz
AB 215 2x15,2/3-Octave ISO Spacing
From 25Hz to 16kHz

Type

Constant Q

Accuracy

3% Center Frequency

Travel

20mm (Positive Center Detent)

Range

+ 6dB or +12dB
(Switch Selectable)

Inputs:

Type

Active Balanced/Unbalanced

Connectors

3-Pin, 1/4" TRS & RCA (Unbal)

Impedance

20k Ohms Bal; 15k Ohms Unbal

Maximum Level

+26dBu (Balanced)
+21dBu (Unbalanced)

Outputs:

Type

Transformer Balanced AB231&131
Electrically Balanced AB 215

Connectors

3-Pin, 1/4" TRS & RCA (Unbal)

Impedance

Typ. <150 Ohms

Maximum Level

+26dB Bal; +21dB Unbal
(2k Ohms)
+22dB Bal; +15dB Unbal
(600 Ohms)

Overall Gain Range

Off to +6dB (Unbal Out)
Sliders Centered
Off to +12dB (Bal Out)
Sliders Centered

RFI Filters

Yes

Passive Bypass Switches

Yes

Overload LED Threshold

5dB (Below Clipping)

Low Cut Filter

10-25Hz, 12dB/Oct

High Cut Filter

3k-40kHz, 12dB/Oct

Frequency Response

20-20kHz + 0.5dB

THD + Noise

.01% (20Hz-40kHz+10dBu)

IM Distortion (SMPTE)

0.005%

Signal-to-Noise Ratio

110dB below Max.
level (A weighting)

Equivalent Input Noise

-94dB
(20kHz Noise Bandwidth)

Channel Separation

50dB (1kHz)

Common Mode Rejection

50:1

Line Voltage:

95-130VAC, 50/60Hz
190-250VAC, 50Hz

Input AC Power:

12W

Unit:

Construction

All Steel

Size AB 231

3.5"H x 19"W x 8.5"D (2U)
(8.9cm x 48.3cm x 21.6cm)

AB 131, 215

1.75"H x 19"W x 8.5"D (1U)
(4.45cm x 48.3cm x 21.6cm)

Weight AB 231

9 lbs. (4.1kg)

AB 131, 215

4.5 lbs. (2.05kg)

Shipping:

Size AB 231

7" x 22" x 13"
(18cm x 56cm x 33cm)

AB 131, 215

3.5" x 22" x 13"
(9cm x 56cm x 33cm)

Weight AB 231

11 lbs. (5.0kg)

AB 131, 215

5.5 lbs. (2.5kg)