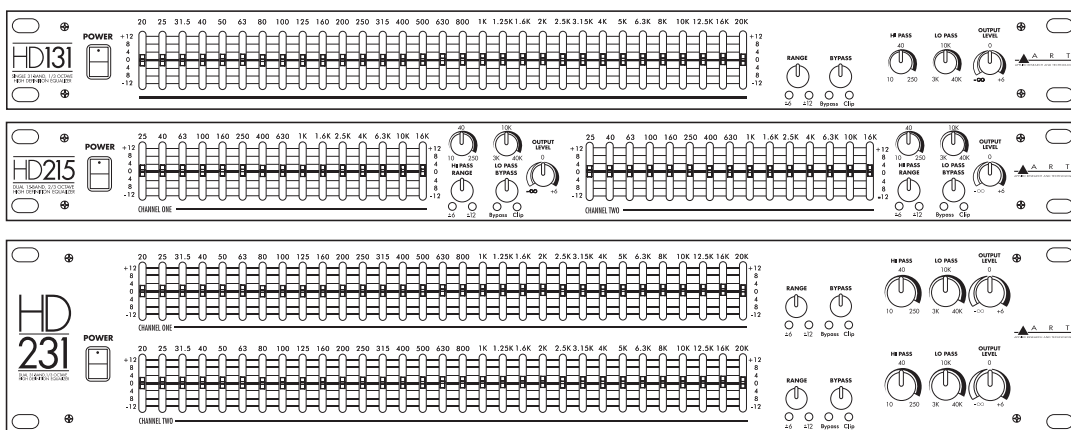


HD SERIES



High Definition Graphic Equalizers



Features:

- ✓ Accurate Constant Q Precision Center Frequencies
- ✓ Exceptional Frequency Response at 20-20KHz, +/-0.5dB
- ✓ Equipped with XLR, 1/4" Phone and Euroblock Barrier Strip Connectors
- ✓ Independent Variable Hi and Low Pass Filtering deliver optimum control
- ✓ Automatic Bypass Relays provided in case power is lost to the unit
- ✓ Extremely Quiet Operation housed inside a Rugged Chassis Design

Specifications:

Type / Accuracy	Constant Q, 3% Center Frequency
Travel	20mm (Positive Center Detent)
Range	+/-6dB or +/-12dB (Selectable)
Overall Gain Range	Off to +6dB (Unbal. out) Sliders Centered Off to +12dB (Bal. out) Sliders Centered

INPUTS

Type	Active Balanced/Unbalanced
Connectors	3-Pin XLR, 1/4" TRS (Bal.), Euroblock
Impedance	24k Ohms (Balanced); 12k Ohms (Unbal.)
Maximum Level	+22dBm (Level Control at Center)

OUTPUTS

Type	Active Balanced / Unbalanced
Connectors	3-Pin XLR, 1/4" TRS (Balanced), Euroblock
Impedance	Typical <150 Ohms
Maximum Level	+22dBm (Balanced) (600 Ohm load) +16dBm (Unbalanced) (2k Ohm load)
RFI filters	Yes
Bypass Switches	Yes, Passive
Overload LED Threshold	6 dB below clipping, (all filters set to flat)
High Pass Filter	10-250Hz, 12dB/Oct
Low Pass Filter	3k-40kHz, 12dB/Oct
Frequency Response	20-20kHz, +/-0.5dB

THD + Noise	less than 0.01% (20Hz-20KHz, 0dBu)
IM Distortion (SMPTE)	0.005%
Signal to Noise Ratio	greater than 98dB, Ref: 0dBu, (Bal.) HD215 greater than 95dB, Ref: 0dBu, (Bal.) HD131/231 20Hz - 20KHz, unweighted.
Headroom	+22dB, Ref: 0dBu, (Balanced) (+/-6dB and +/-12dB range)
Dynamic Range	greater than 120dB, (Bal.) HD215 greater than 117dB, (Bal.) HD131/231
Channel Separation	greater than 60dB
Common Mode Rejection	50dB typical

POWER

Line Voltage	95-125VAC, 50/60Hz, 190-250VAC, 50/60 Hz
Input AC Power	9 Watts (HD131 / HD215), 14Watts (HD231), typical
Construction	All Steel Chassis, Aluminum Front Panel
Sizes	1.75"H x 19"W x 7.0"D (HD131/ HD215) 4.45cm x 48.3cm x 17.8cm 3.5"H x 19"W x 7.0"D (HD231) 8.9cm x 48.3cm x 17.8cm
Weight	7.5 lbs (3.4 kg). (HD131 / HD215) 12 lbs (5.4 kg). (HD231)

Applications: Live Sound Systems/PA, Permanent or Fixed Installations, Church, Club and Practice PA Systems, DJ Sound Systems, Home and Project Recording Systems, and Monitor Systems.

Celebrating Twenty Years of Audio.

