

Specifications

FBQ6200HD		FBQ3102HD		FBQ1502HD	
Audio Inputs					
Inputs		RF filtered, servo-balanced XLR and 1/4" TRS connectors			
Impedance		40 kΩ balanced and unbalanced			
Maximum input level		+21 dBu balanced and unbalanced			
CMRR		Typ. 55 dB, >40 dB @ 1 kHz			
Audio Outputs		Servo-balanced XLR and 1/4" TRS connectors			
Outputs					
Subwoofer Out		Balanced XLR connector, level variable off to 0 dB	Balanced XLR connector	Balanced XLR connector	
Crossover frequency		variable, 30 - 200 Hz			
System					
Frequency response		10 Hz to 30 kHz, ±3 dB			
S/N ratio		22 Hz to 22 kHz >94 dB @ +4 dBu			
Distortion (THD)		Typ. 0.008% @ +4 dBu, 1 kHz, Gain 1			
Crosstalk		Typ. -89.5 dB @ 1 kHz	Typ. -92 dB @ 1 kHz	With EQ in Typ. -90 dB @ 1 kHz	
Roll-Off Filter Section		12 dB/oct., Butterworth			
Type					
Input		±15 dB, variable			
Low Cut		10 Hz to 400 Hz, variable	10 Hz to 400 Hz, variable	cutoff @ 25 Hz, switchable	
High Cut		2.5 kHz to 30 kHz, variable	2.5 kHz to 30 kHz, variable		
Graphic Equalizer					
Type		analog 31-band equalizer	analog 31-band equalizer	analog 15-band equalizer	
Frequency range		20 Hz to 20 kHz in 31 1/3-octave bands (ISO frequencies)	20 Hz to 20 kHz in 31 1/3-octave bands (ISO frequencies)	25 Hz to 16 kHz in 15 2/3-octave bands (ISO frequencies)	
Bandwidth		1/3 octave	1/3 octave	2/3 octave	
Control range		±6 dB or ±12 dB (switchable)			
Limiter Section					
Attack/Release		20 msec / 90 msec			
Threshold		-6 dB to +22 dB (off), variable			
LED meter		Gain reduction, 20 / 10 / 3 / 1 dB			
Noise generator					
Type		Pink noise, off to 0 dBu, variable			
LED level meter		-24 / -12 / -6 / 0 dB			
Function Switches					
FBQ		activates the FBQ Feedback Detection System			
Audio In/Out		switch to bypass the equalizer functions			
I/O Meter In/Out		switches the meter display from input to output	switches the meter display from input to output		
Range		shifts the maximum cut/boost range for all 31 bands	shifts the maximum cut/boost range for all 31 bands	shifts the maximum cut/boost range for all 15 bands	
Low Cut		—	—	activates the high pass filter	
Limiter		activates the limiter	—		
Pink Noise		activates the noise generator	—		
Subwoofer		activates the subwoofer output	—		

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Indicators					
Input/output level		8-segment LED display: -24 / -18 / -12 / -6 / 0 / +6 / +12 dB / CLIP	12-segment LED display: -30 / -24 / -18 / -12 / -6 / -3 / 0 / +6 / +9 / +12 dB / CLIP	4-segment LED display: -20 / 0 / +6 dB / CLIP (output only)	
Subwoofer		4-segment LED display: -18 / -12 / 0 / +12 dB	—	—	
Power Supply / Voltage (Fuses)					
Mains Voltage		100 - 240V~, 50/60 Hz	100 - 240V~, 50/60 Hz	100 - 240V~, 50/60 Hz	
Fuse		T 1.6 A H 250 V	T 1.6 A H 250 V	T 1.0 A H 250 V	
Power consumption		35 W	35 W	18 W	
Mains connection		Standard IEC receptacle			
Dimensions / Weight					
Dimensions (H x W x D)		133 x 483 x 138 mm (5.2 x 19.2 x 5.4")	89 x 483 x 150 mm (3.5 x 19.0 x 5.9")	44 x 483 x 215 mm (1.7 x 19.0 x 8.5")	
Weight		2.3 kg (5.1 lbs)	2.0 kg (4.4 lbs)	1.7 kg (3.7 lbs)	