

EN Specifications

Microphone Inputs	
Type	XLR, electronically balanced
Mic E.I.N. (20 Hz – 20 kHz):	
@ 0 Ω source resistance	-129 dB / -132 dB A-weighted
@ 50 Ω source resistance	-128 dB / -130 dB A-weighted
@ 150 Ω source resistance	-127 dB / -130 dB A-weighted
Frequency response (microphone input to insert output)	<10 Hz – 100 kHz (-1 dB) / <10 Hz – 200 kHz (-3 dB)
Gain	+10 dB to +60 dB
Max. input level	+12 dBu @ +10 dB gain
Impedance	Approx. 2.0 k Ω balanced / 1.0 k Ω unbalanced
Phantom power	Switchable +48 V
Mono Line Inputs	
Type	¼" TRS connector, balanced
Impedance	Approx. 20 k Ω balanced, 10 k Ω unbalanced
Gain control range	-10 dB to +40 dB
Max. input level	+21 dBu
Stereo Line Inputs	
Type	¼" TS connector, unbalanced
Impedance	Approx. 20 k Ω
Max. input level	+21 dBu
Equalizer	
Low	80 Hz / \pm 15 dB
Mid	2.5 kHz / \pm 15 dB
High	12 kHz / \pm 15 dB
Main Mix System Data	
Noise	
Main mix @ 0 dB, channel fader @ 0 dB	-84 dB / -86 dB A-weighted
Frequency response (amplifier output)	20Hz – 20kHz (+0/-3 dB)
Amplifier (Per Channel)	
Max output power	250 W* + 250 W*
Loudspeaker Outputs	
Type	¼" TS connector
Load impedance	4-8 Ω
DSP	
Type	KLARK TEKNIK
Converter	24-bit Sigma-Delta
Sampling rate	40 kHz
Wireless Input	
BEHRINGER ULM Series USB Receiver	USB socket accepts signals from 2 independent BEHRINGER ULM mics
Power Supply	
Mains voltage	100-120 V~ (for UL, JP, CA); 220-240 V~ (for EU, AU, UK, CN)
Fuse	100-120 V~, T 5 AH 250 V / 220-240 V~, T 3.15 AH 250 V
Power consumption	90 W
Mains connection	Standard IEC receptacle
Dimensions/Weight	
Dimensions (H x W x D)	122 x 390 x 425 mm (4.8 x 15.4 x 16.7")
Weight	6.3 kg (14 lbs)

*Independent of limiters and driver protection circuits