EN Specifications

Microphone Inputs	
Type	XLR, electronically balanced
Mic E.I.N. (20 Hz – 20 kHz):	
@ 0 ohm source resistance	-110 dB / -113 dB A-weighted
@ 50 ohm source resistance	-110 dB / -113 dB A-weighted
@ 150 ohm source resistance	-110 dB / -113 dB A-weighted
Gain	+29 dB , +9 dB with pad
Max. input level	+12 dBu @ +10 dB gain
Impedance	2.0 kΩ balanced / 1.0 kΩ unbalanced
Phantom power	Switchable +48 V
Mono Line Inputs	
Type	¼" TRS connector, balanced
Impedance	Approx. 20 kΩ
Max. input level	+21 dBu
Stereo Line Inputs	
Type	¼" TS connector, unbalanced
Impedance	Approx. 20 kΩ
Max. input level	+21 dBu
Equalizer	
Low	80 Hz / ±15 dB
Mid	2.5 kHz / ±15 dB
High	12 kHz / ±15 dB
Main Mix System Data	
Noise	
Main mix @ -∞, channel fader -∞	-90 dB / -94 dB A-weighted
Main Mix @ 0 dB, channel fader -∞	-77 dB / -86 dB A-weighted
Main Mix @ 0dB, channel fader 0 dB	-73 dB / -79 dB A-weighted
Frequency response (amplifier output)	20 Hz – 20 kHz (+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
Display	
Type	2-digit, 7-Segment LED
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 A H 250 V; 220-240 V~, T 3.15 A H 250 V
Power consumption	90 W
Mains connection	Standard IEC receptacle
Dimensions/Weight	
Dimensions (H x W x D)	305 x 450 x 160 mm (12 x 17.7 x 6.3")
Weight	6.9 kg (15.2 lbs)