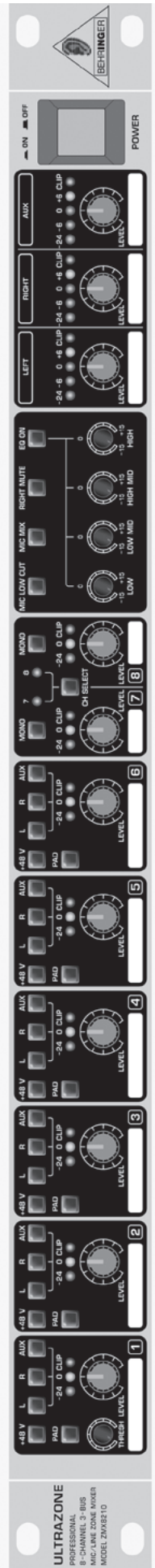


ULTRAZONE

ZMX8210



Technical Specifications

en

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ULTRAZONE

Professional 8-Channel 3-Bus Mic/Line Zone Mixer with Remote Control and Link Ports

- ▲ Ultra-flexible and easy-to-use zone mixer with remote control ports for commercial sound systems and fixed installation applications
- ▲ 6 ultra-low noise Mic/Line inputs with Gain control, -20 dB Pad, Level/Clip indicator, +48 V phantom power and bus-assign switches
- ▲ 2 selectable high-headroom stereo inputs with mono/stereo switch
- ▲ Channel 1 provides variable threshold to enable automatic bus mute for announcements, etc.
- ▲ 3 assignable outputs (Left, Right and Aux) with individual Master controls and 5-segment LED meters
- ▲ Ultra-musical 4-band master EQ and global microphone low-cut filter for perfect sound adjustment
- ▲ Left, Right, Aux and Mute bus links available including Master/Slave switch for connecting multiple units
- ▲ Remote master Left/Right level control port for ultimate flexibility
- ▲ Select switch for routing microphone bus post remote control
- ▲ Integrated channel muting system with Priority select
- ▲ All inputs/outputs on Euro-type connectors
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

Specifications

INPUTS 1 – 6	
Type	Euro-type connector, electronically balanced
Impedance	3 k Ω balanced, 1.5 k Ω unbalanced (with PAD)
Max. input level	+ 12 dBu (with PAD)
Max. gain	40 dB
Crosstalk	> 63 dB @ 1 kHz
Common-mode rejection ratio (CMRR)	> 75 dB @ 1 kHz, 22 Hz – 22 kHz
Equivalent input noise (EIN)	-116 dBu A-weighted; terminated with 150 Ω
INPUTS 7 – 8	
Type	RCA connectors, unbalanced
Impedance	10 k Ω , unbalanced
Max. input level	+ 15 dBu
Max. gain	15 dB
OUT L, OUT R, AUX	
Type	Euro-type connector, balanced
Max. gain	22 dB
Max. gain (input/output)	62 dB (without PAD)
Impedance	60 Ω , unbalanced, 120 Ω , balanced
Max. output level	+ 21 dBu unbalanced/balanced
Crosstalk (output/output)	> 63 dB @ 1 kHz
Noise (all level controls down)	-105 dBu A-weighted
Signal-to-noise ratio	87 dB @ 0 dB A-weighted
BUS LINKS	
Type	Euro-type connector, unbalanced
Impedance	approx. 150 Ω
Max. output level	+ 21 dBu
REMOTE	
Type	Euro-type connector
Volume control	30 dB attenuation with 10 k Ω potentiometer (not included) 60 dB attenuation with 100 k Ω potentiometer (not included)
Channel select 7/8	Push-button switch (1 pin) required (not included)
EQ	
MIC LOW CUT	High-pass filter; Cutoff frequency: 100 Hz
LOW	\pm 15 dB @ 70 Hz
LOW MID	\pm 15 dB @ 300 Hz
HIGH MID	\pm 15 dB @ 3 kHz
HIGH	\pm 15 dB @ 10 kHz
SYSTEM SPECIFICATIONS	
Frequency response	20 Hz – 22 kHz \pm 0.5 dB
Distortion (THD+N)	< 0.05 %
POWER SUPPLY	
Power consumption	max. 25 W
Fuse	T 630 mA H 250 V (100 – 120 V ~, 50/60 Hz) T 315 mA H 250 V (220 – 230 V ~, 50/60 Hz)
DIMENSIONS/WEIGHT	
Dimensions	approx. 1 3/4" x 19" x 8 1/2" (approx. 44.5 mm x 482.6 mm x 217 mm)
Weight	approx. 4.9 lb. (2.2 kg)

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