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 (ducking) to enable automatic bus mute for announcements, etc.
- 3 assignable output zones (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 and Ch. 7/8 select 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

A professional 8-channel audio mixer designed specifically for fixed installations, the rack mountable ULTRAZONE ZMX8210 zone mixer can distribute music programming and announcements to up to three zones (rooms). Typical applications include restaurants, office areas, health clubs and houses of worship, just to name a few.

Here’s an example of the ZMX8210 mixer in action. Let’s say that you own a restaurant and you want to:
- Play the audio from the televised game in the bar
- Present soft background music in the dining area
- Play up-tempo music in the lobby/waiting area and page patrons.

APPLICATIONS

The ZMX8210 lets you take up to eight input signals and route them to any or all zones.
of three destinations. Maybe you want to play stereo music for clients waiting in the lobby of your office complex and page people in the work area. Another example might be the small church that wants to play soft music in the foyer, mic the preacher in the sanctuary, then send the sermon and music to the nursery. These are all perfect applications for the ZMX8210—multiple sound sources, multiple zones, total flexibility.

**ANNOUNCEMENTS THAT GET HEARD**

You can also set the ZMX8210 to automatically lower the volume level of the program music in specific zones during announcements. Referred to as “ducking,” this feature allows the voice message to take precedence over the musical program, without turning the music off completely. This ensures that even the softest voice will be heard in the selected zone(s). As an added benefit, remote volume controls can be installed in areas where even more control is desired or needed.

**SUPERIOR SOUND QUALITY**

You can use any microphone with the ZMX8210, including professional-grade condenser mics, thanks to the onboard phantom power. The eight input channels feature high-quality mic preamplifiers for absolutely pristine sound quality. A master 4-band equalizer is provided to ensure voice intelligibility and address any potential feedback problems. And if you need more than eight channels, two ZMX8210s can be linked together, providing a total of 16 inputs.

Thanks to its intuitive control panel, even inexperienced users will find the ZMX8210 easy to operate and its features will give you total control over your sonic environment.
ZMX8210
Zone Mixer

Channel 1 Threshold Control adjusts level at which the output of Channels 2 – 8 on the LEFT/RIGHT bus is muted in favor of the microphone or other input plugged into Channel 1.

LEVEL adjusts the volume of whatever input source is connected to the channel. -24dB, 0dB and CLIP LEDs help adjust input level.

Inputs from Channels 1-6 can each be assigned to one of three output buses: L, R or AUX. +48V switch adds phantom power for condenser microphones.

For extremely loud inputs, PAD cuts input level by 20dB. Labeling area for each channel.

SLAVE/MASTER switch places the ZMX8210 in the master or slave mode of operation.

A push-button switch and two control diodes can also be used to remote control the CH SELECT switch of Channels 7 and 8.

MIC MIX allows only the output volume of Chs. 7/8 on the LEFT/RIGHT bus to be remote controlled. When OFF, the total volume of all channels fed to the LEFT/RIGHT bus is remote controlled.

Switchable global 4-band EQ, 15dB boost and cut. Band centers: LOW, 70Hz; LOW MID, 300Hz; HIGH MID, 3kHz; HIGH, 10kHz.

MIC LOW CUT eliminates low-frequency rumble below 100 Hz.

RIGHT MUTE excludes the RIGHT bus from the AUX bus.

LED ladders constantly display output levels.

Switchable global 4-band EQ, 15dB boost and cut. Band centers: LOW, 70Hz; LOW MID, 300Hz; HIGH MID, 3kHz; HIGH, 10kHz.

SYSTEM SPECIFICATIONS
- Frequency response 20 Hz – 22 kHz ± 0.5 dB
- Distortion (THD+N) < 0.05 %

POWER SUPPLY
- Power consumption max. 25 W
- Fuse T 630 mA H 250 V
- T 315 mA H 250 V

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)

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.

For service, support or more information contact the BEHRINGER location nearest you:

BEHRINGER Germany tel.: +49 2154 9206 4149, fax: +49 2154 9206 4199 BEHRINGER Japan tel.: +81 3 5281 1180, fax: +81 3 5281 1181 BEHRINGER Singapore tel.: +65 5945 1800, fax: +65 6214 0275 BEHRINGER USA / CANADA tel.: 1 425 672 0816, fax: +1 425 673 7647

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