



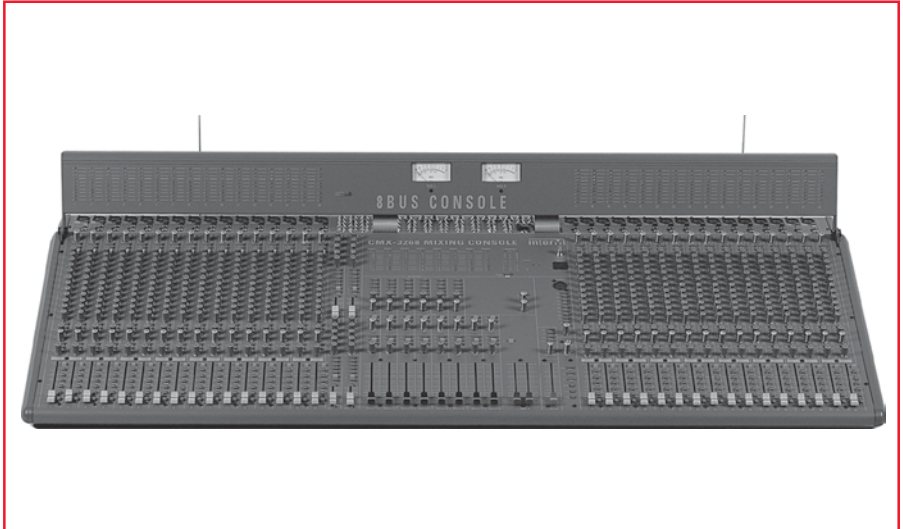
Mixing Console

Eight-Bus

CMX-2468/3268

Features

- 24 or 32 Channel Balanced Mono Inputs Plus Four Stereo Inputs
- 100mm Precision Faders
- Channel Insert and Direct Out On All Mono Channels
- High-Quality Discrete Circuit Balanced Mic Inputs
- +48VDC Phantom Power
- Six Stereo Aux Returns
- Group/Aux/Stereo Assign Switches On Each Input and Return
- Talkback Function with Bus Select
- Four-Band EQ with Two Semi-Parametric Mid-Bands
- Accurate Analog VU Meters
- BNC Socket for Gooseneck Lamps



Description

The CMX-2468 and CMX-3268 are high-performance professional mixing consoles suitable for permanent installations and touring. Both the 24 and 32 channel versions feature four additional stereo input channels, making the console a 24 plus four or 32 plus four input console. All connectors are conveniently located 120 degrees off the top of the console to allow the console to fit in a smaller area. Each channel has both XLR and T/R/S that are switch-selectable to add to the flexibility of the inputs. In addition, each has an insert point and direct out that can be driven from AUX6 bus of each channel. Input to mono channels can be from a -60dB microphone to a +4dB line level signal. Four-band EQ with mid-sweep are available for all mono channels. There are six auxiliaries on each channel (four independent) with Aux 3 through 6 switchable between pre- or post-fader for use as a monitor or an effects loop. A pan pot is provided for assignment to the sub mains and/or the mix masters while an 80Hz Hi-Pass filter helps reduce rumble. Phantom power is enabled on each channel via a selector switch, and a 100 mm precision slide fader provides accurate and smooth channel control. The master section has eight buses with assignment to the stereo mix master, a dual mono output for driving monitors, two additional from the stereo group, or as two mono masters to be used for side or front fills for larger format PA applications. Six AUX returns drive directly into sub masters via pan pots and assign switches. The four stereo line inputs are provided with dual 1/4" (T/S) jacks for driving a stereo source such as a CD, cassette, DAT, video, or keyboards. Each of these is assignable to two auxiliaries, any or all of the Sub Main buses and the L/R masters. In addition, each has two bands of equalization. The CMX-2468 and CMX-3268 are both powered by a separate power supply (RS-3200).

Technical Specifications

ELECTRICAL	CMX-2468	CMX-3268
Frequency Response	±1dB @ 20Hz - 20kHz (Group, Mix-B, Mono, Aux Send)	
THD	<0.1% @+14dB 20Hz - 20kHz (Group, Mix-B, Mono, Aux Send)	
Hum & Noise (Average Rs=150Ω)		
Equivalent Input Noise	-128dB	
Group, Mix-B, Mono, Aux Send	-95dB (Residual Noise)	
Group, Mix-B, Mono, Aux Send (Master Fader Minimum)	-80dB (Residual Noise)	
Input Sensitivity/Impedance		
MIC	-60dB/600Ω (Bal)	
Line	-20dB/10kΩ (Bal)	
Aux Return	+4dB/10kΩ (Unbal)	
Tape Return	-10dB/10kΩ (Unbal)	
Output Level/Impedance		
Mix L/R, Mono	+4dB/600Ω (Bal)	
Group	+4dB/600Ω (Bal)	
Insert	0dB/10kΩ	
Phone	3mW/100Ω	
Equalizer(Max Boost or Cut: ±15dB)		
High	12kHz (Shelving)	
High - Mid	800 - 8kHz (Sweep)	
High - Low	160 - 1.6kHz (Sweep)	
Low	80Hz (Shelving)	
Gain Control	44dB	
Phantom Power	+48VDC (Individual)	
GENERAL		
Power Source	Exclusive Power Supply (RS-3200)	
Dimensions (W x H x D)	45.4" x 5" x 24.5"	54.4" x 5" x 24.5"
	1154mm x 128mm x 623mm	1383mm x 128mm x 623mm

CMX-2468/3268 Architects and Engineers Specifications

Both the 24- and 32-channel mixing consoles shall feature four additional stereo input channels, making the console a 24 plus four, or 32 plus four input console. All connectors shall be conveniently located 120 degrees off the top of the console. Each channel shall have both XLR and T/R/S that are switch-selectable. In addition, each shall have an insert point and direct out that can be driven from the AUX 6 bus of each channel. Input to mono channels can be from a -60dB microphone to a +4dB line level signal. Four-band EQ with mid-sweep shall be available for all mono channels. There shall be six auxiliaries on each channel (four independent) with Aux 3 through 6 switchable between pre- or post-fader for use as a monitor or an effects loop.

A pan pot shall be provided for assignment to the submasters and/or the mix masters while an 80Hz Hi-Pass filter shall reduce rumble. Phantom power shall be enabled on each channel via a selector switch, and a 100mm precision slide fader shall provide accurate and smooth channel control. The master section shall have eight busses with assignment to the stereo mix master, a dual mono output for driving monitors, two additional from the stereo group, or as two mono masters to be used for side or front fills for larger format PA applications. Six Aux returns shall drive directly into sub masters via pan pots and assign switches. The four stereo line inputs shall be provided with dual 1/4" (T/S) jacks for driving a stereo source such as a CD, cassette, DAT, video, or keyboards.

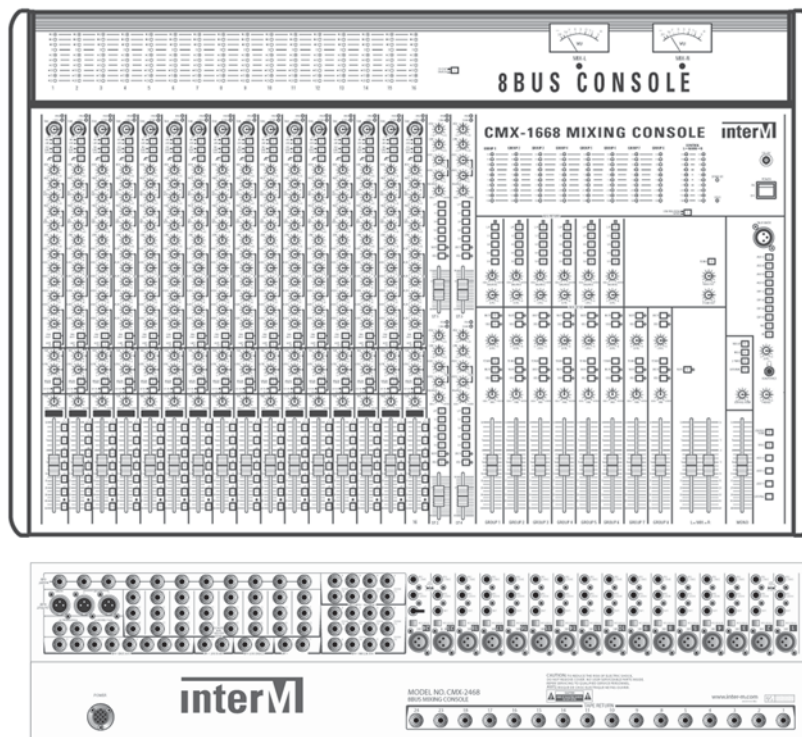
Each of these shall be assignable to two auxiliaries, any or all of the sub main buses and the L/R masters. In addition, each shall have two bands of equalization.

The mixing console shall meet the following performance criteria:

Frequency response shall be from 20Hz to 20kHz (+1/-2 dB all outputs); total harmonic distortion shall be less than 0.1% 20Hz-20kHz@rated output; and hum and noise shall be -128dB. Phantom power shall be +48VDC. The power source shall be via a separate power supply (RS-3200).

The mixing console shall be an Inter-M model CMX-2468 or CMX-3268.

CMX-2468/3268 Top & Rear Views



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