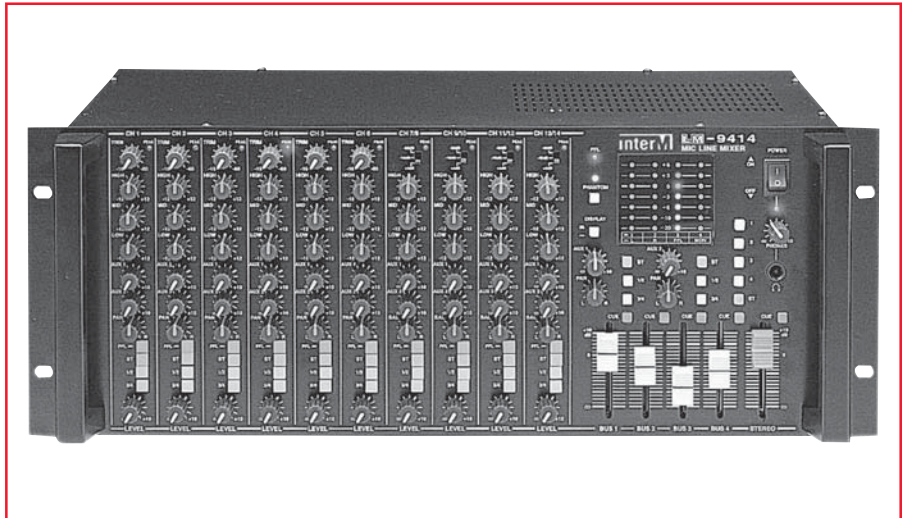


Features

- Six-Mono Inputs, Four Stereo Inputs/Outputs, Stereo Monitor Output
- Two Aux Send, Two Stereo Aux Return plus Stereo Monitor Send
- PFL Function
- Channel EQ:
 - Three-Band Equalizer for ± 15 dB Control on Six Mono Channels
 - Two-Band Equalizer for ± 15 dB Control on Four Stereo Input Channels
- Phantom Power for Condenser Microphones
- Tape In and Record Out
- XLR/TRS Mono Inputs and Inserts
- Dual RCA plus 1/4" Stereo Inputs
- Rack Mount (4RU)



Description

The LM-9414 is a professional grade rack mount 14-input, four-bus mixer suitable for portable use or permanent installations. Its compact size and extensive features make this versatile unit ideal as an add-on to an existing PA system or as a stand-alone mixer. Six mic/line mono inputs and four stereo input channels allow quick and easy connection of a variety of input sources.

Each mono channel features a gain trim pot, LF/MF/HF EQ, two aux loops, pan pot with assign switches, peak indicators, and overall control. Phantom power, inserts, and selectable muting is provided on all mono inputs. PFL is available on all inputs and main outputs, including the stereo output. Typical applications include churches, multi-room banquet halls, schools, hotel meeting rooms, A/V rooms and multi-office complexes. Four independent output busses give remarkable flexibility in this compact mixer.

The mixer can be powered by 100-120VAC or 220-240VAC 50/60Hz and/or 24VDC and is packaged in a 7" high (4RU) rack mount enclosure.

Technical Specifications

ELECTRICAL	LM-9414
Frequency Response	20Hz - 20kHz
THD	>0.05% @ 1kHz Rated Output
Sub Main Outputs	1.2V/600Ω Balanced XLR
Main Output	1.2V/600Ω Balanced XLR
Stereo Outputs	1.2V/600Ω Balanced XLR
Headphone Output	2V/33Ω
Mic Inputs	1mV/600Ω
Line Inputs	-30dBm Unbalanced 1/4" Phone
Insert	0dBm
GENERAL	
Power Source - AC	100-120VAC or 220-240VAC 50/60Hz
Power Source - DC	24VDC
Weight	23lbs.
	10.4kg
Dimensions (W x H x D)	19" x 7" x 11"
	482mm x 177mm x 280mm

LM-9414 Architects and Engineers Specifications

The four-bus mixer shall provide six mono mic/line selectable inputs and four stereo input channels for quick and easy connection of a variety of line level input sources. Each channel shall feature a trim pot, LF/MF/HF EQ, two aux loops, pan pot with assign switches, and peak indicators. Phantom power, inserts, and selectable muting shall be provided on all mono inputs, while PFL shall be supplied on all inputs and main outputs, including the stereo outputs.

Four independent output busses shall permit flexibility in operation.

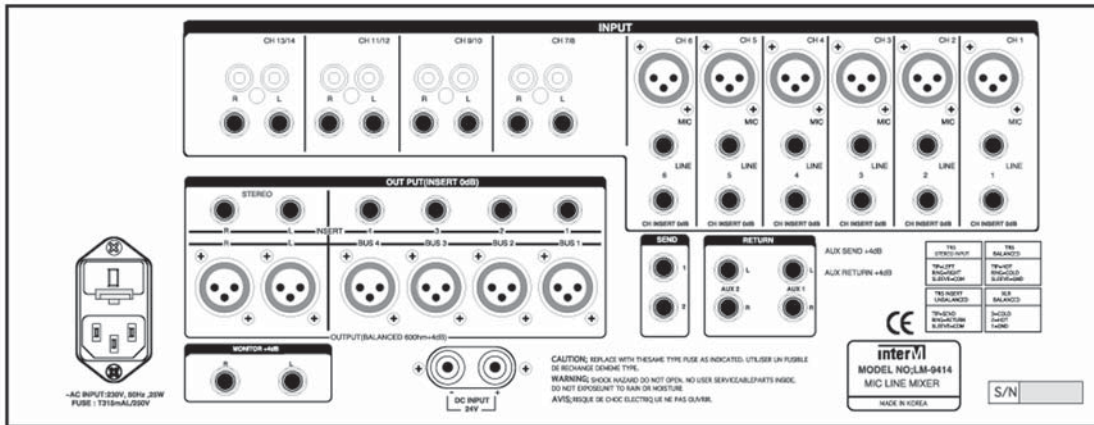
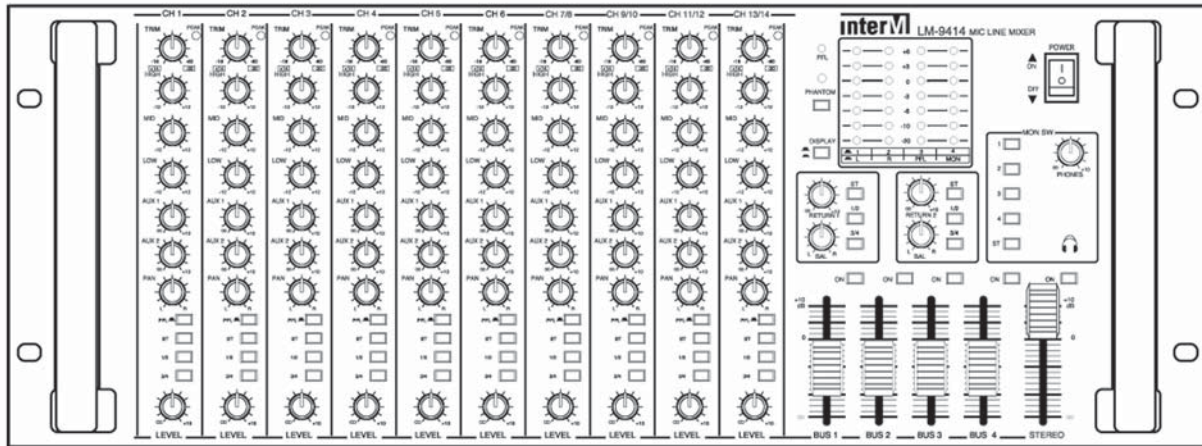
The four-bus mixer shall meet the following performance criteria:

Frequency response shall be from 20Hz to 20kHz with total harmonic distortion less than 0.05% @ 1kHz rated output. Input sensitivity and impedance shall be 0.775V @ 10kΩ.

The four-bus mixer shall measure 19"(482mm) wide x 7"(177mm) high x 11"(280mm) deep, and shall incorporate rack mounting. The power source shall be 100-120VAC or 220-240VAC 50/60Hz and/or 24VDC.

The four-bus mixer shall be an Inter-M model LM-9414.

LM-9414 Front and Rear Views



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