

# MU2442X

## MU2442X 24-Input 4-Bus Rack Mixer with DFX

16 Mic/Line channels

16 high-definition digital effects

Mini stereo and stereo RCA I/O with trim control for digital media

Pad control on channels 1 - 4 for handling difficult signals

Independent level control on control room, phones and solo

Direct output for multi-track recording



### FEATURES

- ▶ DFX, our 24-bit digital multi-effect processor with 16 programs plus one main parameter control, tap control and foot switch jack
- ▶ 8 Mic/Line channels with inserts
- ▶ Four stereo channels with 4-band EQ
- ▶ 10 Mic preamps
- ▶ 3-band EQ with swept mid-range
- ▶ 75 Hz low-cut filter on mono channels
- ▶ Four AUX sends, AUX 1 & 2 with Pre/Post switch
- ▶ Four stereo AUX returns, two with effect to monitor
- ▶ Pad on 4 mono channels to handle difficult signals
- ▶ Mini Stereo I/O and stereo RCA I/O each with trim control
- ▶ +48V phantom power on Mic channels
- ▶ Mono button on main L/R out
- ▶ Four true subgroups with main L and R routing switches and double-bused outs
- ▶ Direct outputs for multi-track recording
- ▶ Individual headphones, control room monitors and solo level control
- ▶ Control Room and Phones outputs with multi-input source matrix
- ▶ Rec out with trim control for recording level matching
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60 Hz

MU Series mixers are compact and versatile with 5 to 24 mono Mic/Line and stereo inputs. Ultra low noise pre-amps ensure high quality sound when used in project studios or sound reinforcement. Low-cut filters on mono channels eliminate unwanted sounds like stage rumble, P-pops, wind noise and low frequency recording studio room resonance. The multi-band EQ on every channel gives you maximum control over your mix. The MU series also makes monitoring the mix easy with its dual multi-segment LED level meters and high volume headphone output. The added feature of Mini Stereo I/O makes these mixers perfect for anyone connecting MP3, MD, computer audio or recording devices.

# PHONIC

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## Specifications

Inputs	
Total Channels	12
Balanced Mono Mic / Line Channel	8
Balanced Mic / Stereo Line channel	2
Balanced Stereo Line Channel	2
Aux Return	4 stereo
2T Input	Mini stereo and stereo RCA
Outputs	
Main L/R Stereo	2 x 1/4" TRS, Bal. & 2 x XLR
Alt: 3-4	Yes
Rec Out	Mini stereo and stereo RCA
CTRL RM L/R	2 x 1/4" TS
Phones	2
Channel Strips	
Efx Send	4
Pan/Balance Control	Yes
Volume Controls	60mm fader
Inserts	8
Master Section	
Phones Level Control	Yes
Main L/R Level Control	60 mm fader
Level Meter	13-segment
Phantom Power Supply	+48V DC
Frequency Response (Mic input to any output)	
20Hz ~ 60KHz	+0/-1 dB
20Hz ~ 100KHz	+0/-3 dB
Crosstalk (1KHz @ 0dBu, 20Hz to 20KHz bandwidth, channel in to main L/R outputs)	
Channel fader down, other channels at unity	<-90 dB
Noise (20Hz~20KHz; measured at main output, Channels 1-4 unit gain; EQ flat; all channels on main mix; channels 1/3 as far left as possible, channels 2/4 as far right as possible. Reference=+6dBu)	
Master @ unity, channel fader down	-86.5 dBu
Master @ unity, channel fader @ unity	-84 dBu
S/N ratio, ref to +4	>90 dB
Microphone Preamp E.I.N. (<math>150\ \text{ohms}</math> terminated, max gain)	
	<-129.5 dBm
THD (Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs)	
	<0.005%
CMRR (1 KHz @ -60dBu, Gain at maximum)	80dB

Maximum Level	
Mic Preamp Input	+10dBu
All Other Input	+22dBu
Balanced Output	+28dBu
Impedance	
Mic Preamp Input	2 K ohms
All Other Input (except insert)	10 K ohms
RCA 2T Output	1.1 K ohms
Equalization	
	3-band, +/-15dB
Low EQ	80Hz
Mid EQ	100-8k Hz, sweepable
L-Mid EQ	800 Hz
H-Mid EQ	3 kHz
Hi EQ	12 kHz
Low Cut Filter	75 Hz (-18 dB/oct)
Digital Effect Processor	
	16 effects with one main parameter control, tap delay control, foot switch (effect on/off, tap)
Power Requirement (external power supply, depends on region)	
	90-260 VAC, 50/60 Hz
Weight	
	13 lbs (5.9 kg)
Dimensions (WxHxD)	
	418 x 140 x 438 mm (16.5" x 5.5" x 17.25")

## Back Panel



V1.1 04/13/05  
Information in this document is  
subject to change without notice.

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