



The MU 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 resonances. 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.

MU SERIES

Professional Compact Mixer

MU 502 | MU 802 | MU 1002X | MU 1202

MU 502 5-Input Compact Mixer



- ▶ Two low-noise microphone inputs and five line inputs
- ▶ 2-band EQ, low cut filter and insert on mono input channel
- ▶ Stereo RCA and mini stereo 2T and Record I/O with trim controls
- ▶ Global +48V phantom power
- ▶ Dual 4-segment master level meter
- ▶ Peak LED on mono input channel
- ▶ Headphones output with volume control
- ▶ Balanced master output

MU 802 8-Input Compact Mixer



- ▶ Two balanced Mic/Line inputs
- ▶ Two stereo Line inputs
- ▶ 3-band EQ on every channel
- ▶ Mini stereo I/O and stereo RCA I/O
- ▶ Post-fader EFX send on every input
- ▶ One stereo AUX Return
- ▶ +48V global phantom power
- ▶ Stereo EFX Send cue for monitoring individual channel in stereo image
- ▶ Mono/Stereo switch on main mix for checking mono system playback
- ▶ Peak and VU metering
- ▶ Peak indicators on each mono input channel
- ▶ Separate mix, CTRL RM and headphones outputs
- ▶ Balanced master output with 60 mm fader control

MU 1002X 10-Input Compact Mixer with DFX



- ▶ Two balanced Mic/Line channels each with Peak indicators
- ▶ Four stereo Line channels each with +4/-10 level matching
- ▶ DFX, our 32-bit DSP processing multi-effect processor with 16 programs plus one main parameter control and tap delay
- ▶ 3-band EQ on Mic/Line input channel
- ▶ 75 Hz low-cut filter on mono channels
- ▶ EFX send on every channel
- ▶ Mini stereo I/O and stereo RCA I/O
- ▶ +48V phantom power on Mic channels
- ▶ Stereo EFX send cue for monitoring individual channel
- ▶ Mono button on master output allows users to select a stereo or dual mono output
- ▶ Headphone output with separate rotary level control
- ▶ Balanced mast

MU 1202 12-Input Compact Mixer



- ▶ Four balanced Mic/Line channels and four stereo Line channels
- ▶ 3-band EQ on each channel
- ▶ 75 Hz low-cut filter on mono channels
- ▶ Two AUX sends per channel
- ▶ Two stereo AUX returns
- ▶ Stereo RCA 2T and Record I/O
- ▶ +48V phantom power on Mic channels
- ▶ Stereo AUX send 1 cue for monitoring individual channel
- ▶ Control room/Phones source matrix
- ▶ High-volume headphone output
- ▶ Balanced 1/4" TRS outputs

MU SERIES

Professional Compact Mixer

MU 1202X | MU 1722X | MU 1822X | MU 2442X

MU 1202X 12-Input Compact Mixer with DFX



- ▶ Four balanced Mic/Line channels
- ▶ Four stereo Line channels
- ▶ DFX, our 32-bit digital multi-effect processor with 16 programs plus one main parameter control and tap delay
- ▶ 3-band EQ on each channel
- ▶ 75 Hz low-cut filter on mono channels
- ▶ AUX send on every channel
- ▶ Stereo RCA 2T and Record I/O
- ▶ +48V phantom power on Mic channels
- ▶ High-volume headphone output
- ▶ Balanced master output with 60 mm fader control

MU 1722X 17-Input 2-Bus Compact Mixer with DFX



- ▶ Four balanced Mic/Line channels with inserts
- ▶ Four stereo Line input channels, two with Mic inputs
- ▶ 3-band EQ with swept mid-range
- ▶ 75 Hz low-cut filter on mono channels
- ▶ Two AUX sends, one with Pre/Post switch
- ▶ Two stereo AUX returns, two with effect to monitor level control
- ▶ +48V phantom power on Mic channels
- ▶ Mini stereo I/O and stereo RCA I/O
- ▶ Solo feature on each input and output
- ▶ Two true subgroups with main L and R routing switches
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60Hz
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60Hz

MU 1822X 18-Input 2-Bus Compact Mixer with Graphic EQ and DFX



- ▶ Six Mic/Line channels with inserts
- ▶ 8 Mic preamps in total
- ▶ Four stereo Line channels, include Two Mic/ST dual function input channels
- ▶ DFX, our 32-bit digital multi-effect processor with 16 programs plus one main parameter control, tap delay and foot switch jack
- ▶ 3-band EQ with swept mid-range
- ▶ 75 Hz low-cut filter on mono channels
- ▶ Three AUX sends, one with Pre/Post switch
- ▶ Two stereo AUX returns with effect to monitor level control
- ▶ Mini stereo I/O and stereo RCA I/O, rec out with trim control for level matching
- ▶ +48V phantom power on mic channels
- ▶ Solo feature on each input and output
- ▶ Stereo 7-band graphic EQ, assignable to main mix or AUX 1 send
- ▶ Two true subgroups with main L and R routing switches
- ▶ Built-in switching power supply with universal connector, 100-240 VAC, 50/60 Hz

MU 2442X 24-Input 4-Bus Rack Mixer with DFX



- ▶ 8 Mic/Line Mono channels
- ▶ 4 stereo channels (two with Mic input)
- ▶ 10 Mic preamps
- ▶ Direct Outputs for Multitrack recording
- ▶ 3 band EQ with swept mid range plus low cut on each mono channel
- ▶ 18dB/oct, 75Hz Loc Cut Filter on each mic channels
- ▶ 4 AUX Sends, AUX 1 & 2 with Pre/Post selector
- ▶ 32/40-bit digital stereo multi-effect processor with 100 programs, tap-delay and test-tones
- ▶ 4 stereo AUX Returns
- ▶ Solo selector on each input channel
- ▶ CTRL RM Phones with multi input source matrix selector
- ▶ 8 Subgroups with Fader control and L-R assign buttons
- ▶ Record Output
- ▶ 2T return with control level and TO MAIN L/R assign button
- ▶ Built-in switching power supply with universal connector, 90-260VAC, 50/60Hz
- ▶ 12V XLR Connector for gooseneck lamp
- ▶ Solo switch selector for AUX Returns

MU SERIES

Professional Compact Mixer

Specifications

MU 502 | MU 802 | MU 1002X | MU 1202 | MU 1202X | MU 1722X | MU 1822X | MU 2442X

	MU 502	MU 802	MU 1002X	MU 1202	MU 1202X	MU 1722X	MU 1822X	MU 2442X
Inputs								
Total Channels	3	4	6	6	6	8	10	12
Balanced Mono Mic / Line Channel	1	2	4	4	4	5	6	8
Balanced Mic / Stereo Line channel	N/A	N/A	N/A	N/A	N/A	N/A	2	2
Balanced Stereo Line Channel	2	2	2	2	2	3	2	2
AUX Return	N/A	1 stereo	N/A	2 stereo	2 stereo	3 stereo	2 stereo	4 stereo
2T Input	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA
Outputs								
Main L/R Stereo	2x 1/4" TRS, Bal.	2x 1/4" TRS, Bal.	2 x 1/4" TRS, Bal.	2 x 1/4" TRS, Bal.	2 x 1/4" TRS, Bal.	2 x 1/4" TRS, Bal. & 2 x XLR 2 x 1/4" TRS, Bal. & 2 x XLR 2 x 1/4" TRS, Bal. & 2 x XLR		
Alt 3-4	N/A	N/A	N/A	N/A	2 x 1/4" TRS, Bal.	N/A	N/A	Yes
Rec Out	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA	Mini stereo and stereo RCA
CTRL RM L/R	N/A	2 x 1/4" TS	2 x 1/4" TS	2 x 1/4" TS	2 x 1/4" TS	2 x 1/4" TS	2 x 1/4" TS	2 x 1/4" TS
Phones	1	1	1	1	1	1	1	2
Channel Strips	3	4	6	6	6	8	10	12
EFX Send	N/A	1	2	2	2	2	3	4
Pan/Balance Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Volume Controls	Rotary	Rotary	Rotary	Rotary	Rotary	60mm fader	60mm fader	60mm fader
Inserts	1	N/A	N/A	N/A	4	5	6	8
Master Section								
Phones Level Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Main L/R Level Control	Rotary VR	60 mm fader	Main L/R, 60mm fader	Main L/R, 60mm fader	Main L/R, 60mm fader	60 mm fader	60 mm fader	60 mm fader
Level Meter	4-segment	5-segment	10-segment	10-segment	10-segment	13-segment	13-segment	13-segment
Phantom Power Supply	+48V DC	+48V DC	+48VDC	+48VDC	+48VDC	+48V DC	+48V DC	+48V DC
Frequency Response (Mic inputtoany output)								
20Hz ~ 60KHz	+0/-1 dB	+0/-1 dB	+0/-1 dB	+0/-1 dB	+0/-1 dB	+0/-1 dB	+0/-1 dB	+0/-1 dB
20Hz ~ 100KHz	+0/-3 dB	+0/-3 dB	+0/-3 dB	+0/-3 dB	+0/-3 dB	+0/-3 dB	+0/-3 dB	+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	<-90 dB	<-90 dB	<-90 dB	<-90 dB	<-90 dB	<-90 dB	<-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	-86.5 dBu	-86.5 dBu	-86.5 dBu	-86.5 dBu	-86.5 dBu	-86.5 dBu	-86.5 dBu
Master @ unity, channel fader @ unity	-84 dBu	-84 dBu	-84 dBu	-84 dBu	-84 dBu	-84 dBu	-84 dBu	-84 dBu
S/N ratio, ref to +4	>90 dB	>90 dB	>90 dB	>90 dB	>90 dB	>90 dB	>90 dB	>90 dB
Microphone								
Preamp E.I.N. (150 ohmsterminated, max gain)	<-129.5 dBm	<-129.5 dBm	<-129.5 dBm	<-129.5 dBm	<-129.5 dBm	<-129.5 dBm	<-129.5 dBm	<-129.5 dBm
THD (Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs)								
	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%
CMRR (1 KHz @ -60dBu, Gain at maximum)								
	80 dB	80 dB	80 dB	80 dB	80 dB	80dB	80dB	80dB
Maximum Level								
Mic Preamp Input	+10 dBu	+10 dBu	+10 dBu	+10 dBu	+10 dBu	+10dBu	+10dBu	+10dBu
All Other Input	+22 dBu	+22 dBu	+22 dBu	+22 dBu	+22 dBu	+22dBu	+22dBu	+22dBu
Balanced Output	+28 dBu	+28 dBu	+28 dBu	+28 dBu	+28 dBu	+28dBu	+28dBu	+28dBu
Impedance								
Mic Preamp Input	2 K ohms	2 K ohms	2 K ohms	2 K ohms	2 K ohms	2 K ohms	2 K ohms	2 K ohms
All Other Input (except insert)	10 K ohms	10 K ohms	10 K ohms	10 K ohms	10 K ohms	10 K ohms	10 K ohms	10 K ohms
RCA 2T Output	1.1 K ohms	1.1 K ohms	1.1 K ohms	1.1 K ohms	1.1 K ohms	1.1 K ohms	1.1 K ohms	1.1 K ohms
Equalization								
Low EQ	80 Hz	80 Hz	80 Hz	80 Hz	80 Hz	80Hz	80Hz	80Hz
Mid EQ	N/A	2.5 KHz	2.5 KHz	2.5 KHz	2.5 KHz	100-8k Hz, sweepable	100-8k Hz, sweepable	100-8k Hz, sweepable
L-Mid EQ	N/A	N/A	N/A	N/A	N/A	800 Hz	800 Hz	800 Hz
H-Mid EQ	N/A	N/A	N/A	N/A	N/A	3 kHz	3 kHz	3 kHz
Hi EQ	12 kHz	12 kHz	12 kHz	12 kHz	12 kHz	12 kHz	12 kHz	12 kHz
Low Cut Filter	75Hz (-18 dB/oct)	N/A	75Hz (-18dB/oct)	75Hz (-18dB/oct)	75Hz (-18dB/oct)	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)
Digital Effect Processor								
	N/A	N/A	16 effectswith one mainparameter control, tap delay control	N/A	16 effectswith one mainparameter control, tapmainparameter control, footswitch (effecton/off, tap)	16 effectswith one mainparameter control, tapmainparameter control, footswitch (effecton/off, tap)	16 effectswith one mainparameter control, tapmainparameter control, footswitch (effecton/off, tap)	16 effectswith one mainparameter control, tapmainparameter control, footswitch (effecton/off, tap)
Power Ruirement								
	100 VAC, 120 VAC, 220 ~ 240 VAC, 50/60	100VAC, 120VAC, 220 ~ 240VAC, 50/60Hz	100VAC, 120VAC, 220~240VAC, 50/60Hz	100VAC, 120VAC, 220~240VAC, 50/60Hz	100VAC, 120VAC, 220~240VAC, 50/60Hz	90-260 VAC, 50/60 Hz	90-260 VAC, 50/60 Hz	90-260 VAC, 50/60 Hz
Weight	1.1 kg (2.4 lbs)	1.5 kg (3.3 lbs)	3 kg (6.6 lbs)	2.2 kg (4.85 lbs)	2.6 kg (5.73 lbs)	4.2 kg (9.25 lbs)	4.8 kg (10.6 lbs)	5.9 kg (13 lbs)
Dimension (WxHxD)	156 x 51 x 244 mm (6.12" x 1.99" x 8.82")	190 x 56 x 233 mm (7.48" x 2.2" x 9.17")	240 x 56 x 276 mm (9.4" x 2.2" x 10.9")	240 x 56 x 276 mm (9.4" x 2.2" x 10.9")	245 x 86 x 271 mm (9.7" x 3.4" x 10.7")	300 x 89 x 340 mm (11.8" x 3.5" x 13.4")	407 x 89 x 357 mm (16" x 3.5" x 14")	418 x 140 x 438 mm (16.5" x 5.5" x 17.25")

Information in this document is subject to change without notice.

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