

AM2442FX

24-Input 4-Bus Studio/Live Mixer with Digital EFX and GEQ

AM3242FX

32-Input 4-Bus Studio/Live Mixer with Digital EFX and GEQ



Features

- ▶ 16 or 24 low-noise microphone preamps matched with 1/4" TRS line inputs
- ▶ 40-bit digital stereo multi-effect processor with 100 programs
- ▶ 9-band stereo graphic EQ
- ▶ 2 stereo input channels with 4-band EQ
- ▶ 2 additional stereo input channels with level and pre-fader AUX facilities
- ▶ 3-band EQ plus switchable low-cut filter on all mono channels
- ▶ Inserts on each mono channel and main mix
- ▶ 4 subgroups and additional mono output
- ▶ 4 AUX sends per channel
- ▶ Clip indication and gain level set LEDs plus mute switches for each channel
- ▶ Solo-In-Place and Pre-Fader Listen functions
- ▶ Full-featured talkback section
- ▶ Standby switch mutes all mic channels during breaks
- ▶ CD/tape inputs for playing break music
- ▶ Internal switching power supply with universal connector, 100-240V, 50/60Hz

Description

Phonic's AM2442FX and AM3242FX mixers are reliable and versatile with 16 or 24 mono mic/line and 2 stereo line inputs. Ultra low-noise preamps ensure high quality sound when used in project studios or in sound reinforcement. The 3-band EQ on mono channels and 4-band EQ on stereo gives you total control over your mix. Each model offers a high volume headphone output with independent level control. The AM series makes monitoring the mix even easier with dual 12-segment LED level meters and stereo control room outputs on select models. Both models also feature a 32/40-bit multi-effect processor with 100 preset programs as well as tap delay effects and test tones. Affordable and easily manageable, these AM models provide all the features that are important to you.

Information in this document is subject to change without notice.

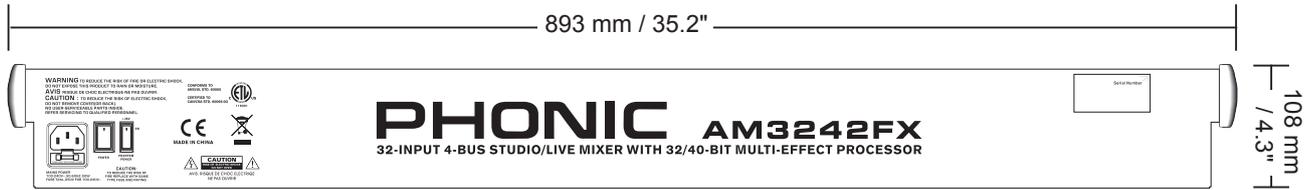
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AM SERIES

Professional Mixing Consoles

Dimension

AM2442FX | AM3242FX



AM2442FX dimensions can be found in the specs below

Specifications

	AM2442FX	AM3242FX
Inputs		
Total Channels	24	32
Balanced Mono Mic / Line Channel	16	24
Balanced Stereo Line Channel		4
Aux Return		4
2T Input		2
Outputs		
Main L/R Stereo	2, (2*XLR, 2*1/4" TRS)	
Rec Out	2, RCA	
CTRL RM/PHONES	1, (1/4" TRS)	
Mono (Sub) Out	1, (1/4" TRS)	
Group Out	4 (4*1/4"TRS)	
Channel Strips		
EFX Send	1	
Pan/Balance Control	1	
Volume Controls	60mm fader	
AUX Send	4 (Pre/Post switch on Aux 1/2)	
Inserts	1	
Master Section		
Phones Level Control	1 (Rotary control with route switch)	
Mono (Sub) Out	60mm fader with sweptable LP	
Main L/R Level Control	60mm fader	
Metering		
Number of Channels	2	
Segments	12	
Phantom Power Supply	48VDC	
Frequency Response (Mic input to any output)		
20Hz ~ 40KHz	0/-1dB	
10Hz ~ 200KHz	0/-3dB	
Crosstalk (1KHz @ 0dBu, 20Hz to 20KHz bandwidth, channel in to main L/R outputs)		
Channel fader down, other channels at unity	<-90dB	

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)	
Master @ unity, channel fader down	-96dB
Master @ unity, channel fader @ unity	-84dB
S/N ratio, ref to +4	-105dB
Microphone Preamp	
E.I.N. (150 ohms terminated, max gain)	<-123dBu
THD (Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs)	
	<0.014%
Maximum Level	
Mic Preamp Input	+12dBu
All Other Input	+22dBu
CTRL RM/PHONES	+17dBu/150ohms
Balanced Output	+20dBu
Impedance	
Mic Preamp Input	2.5k ohms
Mono Line Input	21k ohms
Stereo Line Input	>10k ohms
AUX RTN	>10k ohms
RCA 2T Input	>10k ohms
All Other Output (except REC Out, Phones Out)	120 ohms
CD/TAPE out	1.6k ohms
Phones Out	100 ohms
Equalization	
	3-band +/-15dB
Low EQ	80 Hz
Mid EQ	Sweptable 100Hz~8k Hz
Hi EQ	12k Hz
Low Cut Filter	75Hz (-18 dB/oct)
32/40-bit Digital Effect Processor	
	100 effects with tap delay control
Power Requirement	
	100-240V~, 50-60Hz, 50W
Weight	
	9.1 kg (20.1 lbs) 11.7 kg (25.9 lbs)
Dimensions (WxHxD)	
	682x108x242 mm 893x108x424 mm (26.9"x4.3"x16.7") (35.2"x4.3"x16.7")