

AM2442FX / AM3242FX

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

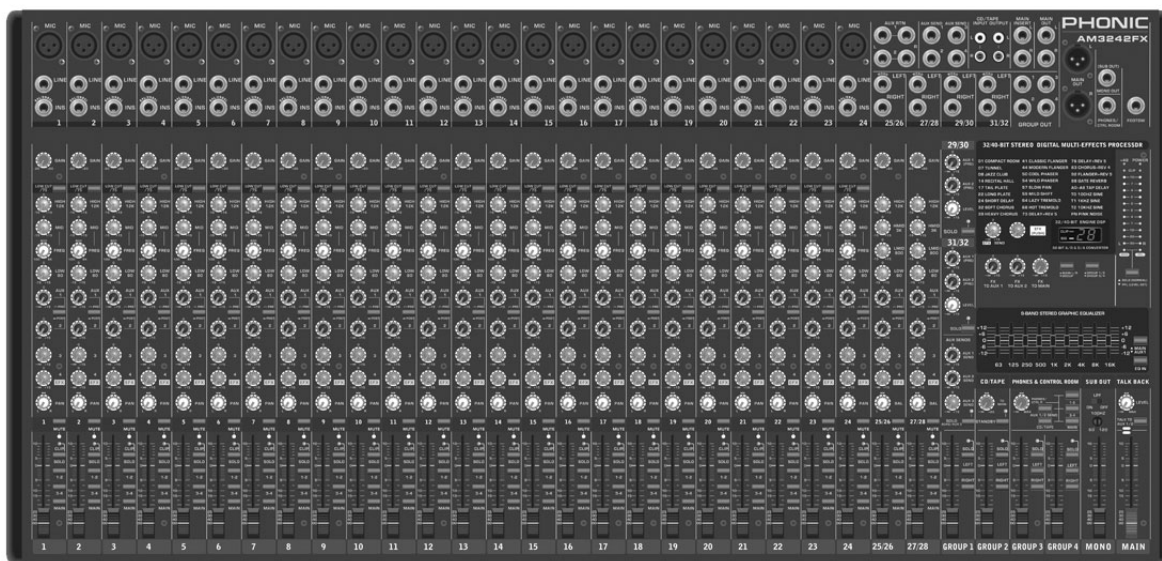
16 or 24 low-noise microphone preamps matched with 1/4" TRS line inputs

40-bit digital stereo multi-effect processor with 100 programs

9-band stereo graphic EQ

2 stereo input channels with 4-band EQ

CD/tape inputs for playing break music



AM3242FX

FEATURES

- Audiophile-quality low noise circuitry
- 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

No-frills professional mixing - in short, that's what Phonic's AM series delivers. While some other companies focus on cramming the latest technological fads into their mixers, Phonic's AM series delivers the most robust and usable features relied upon by professionals. From our premium EQs to our highly refined noiseless circuitry, the AM series provides you, the sound professional, everything you need - nothing more, nothing less. No-frills professional mixing at its best.

PHONIC

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SPECIFICATIONS

Model	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		
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	approx. 8.5Kg	approx. 11.5Kg
Dimensions (WxHxD)	682X100X410mm	896X100X410mm