

# AM USB SERIES

Compact Mixer with USB Interface

## AM442D USB

4-Mic/Line 4-Stereo 2-Group Mixer with DFX & USB Interface

## AM642D USB

6-Mic/Line 4-Stereo 2-Group Mixer with GEQ, DFX & USB Interface

## AM844D USB

8-Mic/Line 4-Stereo 4-Group Mixer with DFX & USB Interface



### Features

- ▶ Stereo USB audio interface for PC and Mac computers
- ▶ 4 to 8 Mic/Line channels with inserts and phantom power
- ▶ 4 stereo channels with 4-band EQs
- ▶ 2 stereo channels with XLR inputs on AM844D USB
- ▶ 3-band EQ with swept mid-range plus low cut on each mono channel
- ▶ Adjustable compressor on mono channels
- ▶ 2 to 4 aux sends, 1 or 2 with Pre/Post switch
- ▶ 32/40-bit digital effect processor with 16 programs and parameter control
- ▶ 2 to 4 subgroups with Main L and R routing switches (stereo on AM844D USB)
- ▶ 2 to 4 stereo aux returns with effect to monitor level control
- ▶ Direct Outputs for multitrack recording on AM844D USB
- ▶ Solo feature on each input and output
- ▶ XLR connectors available for main left and right outputs
- ▶ CTRL RM/Phones with multi input source select matrix (excludes AM642D USB)
- ▶ Stereo 9-band graphic EQ on AM642D USB
- ▶ Convenient stereo RCA I/O 2T input with level control
- ▶ Built-in switching power supply with universal connector, 100-240VAC, 50/60Hz
- ▶ Rack-mounting kit included

### Description

In this digital age, the ability to record each and every thing you do is a valuable commodity. Whether it's a quick and dirty demo, a shiny new live recording or just some quick licks you've come up with on the fly, recording has never been as easy as it is with an AM USB mixer. The AM442D USB, AM642D USB and AM844D USB are new members of the AM family of mixing consoles, exhibiting the same awesome features and classic analog feel that these units display, but with a few fantastic additions. A stereo USB recording interface makes the unit perfect for recording live events, practice sessions, studio jams, and so on, without the headache that comes with complex recording setups. In addition to this, a versatile compressor function has also been built right into mono channels for smoothing out vocals and drums. With just an AM USB mixer, a modern computer and a tiny bit of talent, you'll be making quality recordings in no time!

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## Specifications

	AM442D USB	AM642D USB	AM844D USB
<b>Inputs</b>			
Total Channels	8	10	12
Balanced Mono Mic / Line Channel	5	6	8
Balanced Mic / Stereo Line channel	-	2	2
Balanced Stereo Line Channel	3	2	2
AUX Return	3 stereo	2 stereo	4 stereo
2T Input		Mini stereo and stereo RCA	
<b>Outputs</b>			
Main L/R Stereo		2 x 1/4" TRS, Bal. & 2 x XLR	
Group	2	2	8
Rec Out		Mini stereo and stereo RCA	
CTRL RM L/R	2 x 1/4" TS	2 x 1/4" TS	2 x 1/4" TS
Phones	1	1	2
Channel Strips	8	10	12
EFX Send	2	3	4
Pan/Balance Control	Yes	Yes	Yes
Volume Controls	60mm fader	60mm fader	60mm fader
Inserts	5	6	8
<b>Master Section</b>			
Phones Level Control	Yes	Yes	Yes
Main L/R Level Control	60 mm fader	60 mm fader	60 mm fader
Level Meter	13-segment	13-segment	13-segment
Phantom Power Supply	+48V DC	+48V DC	+48V DC
<b>Frequency Response</b> (Mic input to any output)			
20Hz ~ 60KHz	+0/-1 dB	+0/-1 dB	+0/-1 dB
20Hz ~ 100KHz	+0/-3 dB	+0/-3 dB	+0/-3 dB
<b>Crosstalk</b> (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
<b>Noise</b> (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
Master @ unity, channel fader @ unity	-84 dBu	-84 dBu	-84 dBu
<b>S/N ratio</b> , ref to +4	>90 dB	>90 dB	>90 dB
<b>Microphone Preamp E.I.N.</b> (150 ohms terminated, max gain)	<-129.5 dBm	<-129.5 dBm	<-129.5 dBm
<b>THD</b> (Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs)	<0.005%	<0.005%	<0.005%
<b>CMRR</b> (1 KHz @ -60dBu, Gain at maximum)	80dB	80dB	80dB
<b>Maximum Level</b>			
Mic Preamp Input	+10dBu	+10dBu	+10dBu
All Other Input	+22dBu	+22dBu	+22dBu
Balanced Output	+28dBu	+28dBu	+28dBu
<b>Impedance</b>			
Mic Preamp Input	2 K ohms	2 K ohms	2 K ohms
All Other Input (except insert)	10 K ohms	10 K ohms	10 K ohms
RCA 2T Output	1.1 K ohms	1.1 K ohms	1.1 K ohms
<b>Equalization</b>			
		3-band, +/-15dB	
Low EQ	80Hz	80Hz	80Hz
Mid EQ		100-8k Hz, sweepable	
L-Mid EQ	800 Hz	800 Hz	800 Hz
H-Mid EQ	3 kHz	3 kHz	3 kHz
Hi EQ	12 kHz	12 kHz	12 kHz
Low Cut Filter	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)	75 Hz (-18 dB/oct)
USB Audio	Stereo In/Out	Stereo In/Out	Stereo In/Out
Connector Type	USB Type B	USB Type B	USB Type B
Bitrate	16-bit	16-bit	16-bit
Sampling Rate	48 kHz	48 kHz	48 kHz
Digital Effect Processor		16 effects with adjustable parameter	
Footswitch	EFX on/off	EFX on/off	EFX on/off
<b>Power Requirements</b>	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
<b>Weight</b>	4.2 kg (9.25 lbs)	4.8 kg (10.6 lbs)	5.9 kg (13 lbs)
<b>Dimensions</b> (WxHxD)	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" )

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