

## AM440DP

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



### Features

- ▶ Audiophile-quality & ultra low noise circuitry
- ▶ 4 mono mic/line channels
- ▶ 2 stereo channels
- ▶ USB playback module for playback of MP3 and WMA files
- ▶ EFX send on each channel
- ▶ 75Hz low-cut filter on mono channel
- ▶ 3-band EQ on each mono channel
- ▶ 32/40-bit DSP with 100 EFX + tap-delay and test tones
- ▶ Separate EFX route control
- ▶ +48V phantom power on mic channels
- ▶ EFX/AUX send cue for monitoring individual channel
- ▶ Balanced TRS outputs

### Description

Phonic's classic AM series of mixers are compact and versatile with anywhere between 1 and 8 mono Mic/Line and numerous stereo inputs. Ultra low-noise pre-amps ensure high quality sound when used in project studios or in 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 mono channels gives you total control over your mix. The AM series also makes monitoring the mix easy with its dual multi-segment LED level meters and high volume headphone outputs. Phonic's AM440DP encompasses a USB playback module that allows users to incorporate MP3 and WMA files directly into their mix!

# AM440DP

## Professional Analog Mixer

### Dimensions



### Specifications

#### AM 440DP

<b>Inputs</b>	
Total Channels	6
Balanced Mono Mic / Line Channel	4
Balanced Stereo Line Channel	2
<b>Outputs</b>	
Main L/R Stereo	2 x 1/4" TRS, Bal.
Rec Out	Stereo RCA
Phones	1
Channel Strips	6
EFX Send	1
Pan/Balance Control	Yes
Volume Controls	Rotary
<b>Master Section</b>	
Phones Level Control	Yes
Main L/R Level Control	Main L/R, 60mm fader
Level Meter	2 x 4-segment
Phantom Power Supply	+48VDC
USB Playback	MP3 & WMA
Maximum Playback Bitrate	320 kbit/second
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. (150 ohms 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)	80 dB
<b>Maximum Level</b>	
Mic Preamp Input	+10 dBu
All Other Input	+22 dBu
Balanced Output	+28 dBu
<b>Impedance</b>	
Mic Preamp Input	2 K ohms
All Other Input (except insert)	10 K ohms
RCA 2T Output	1.1 K ohms
<b>Equalization</b>	
Low EQ	3-band, +/-15 dB
Mid EQ	80 Hz
Hi EQ	2.5 KHz
Low Cut Filter	12 KHz
Effect Processor	75Hz (-18dB/oct)
Power Requirement (external power supply, depends on region)	100VAC, 120VAC, 220~240VAC, 50/60Hz
Weight	1.72 kg (3.78 lbs)
Dimensions (WxHxD)	242 x 55 x 225mm (9.5" x 2.16" x 8.86")