

AM220P

2-Mic/Line 2-Stereo Input Compact Mixer with USB Player

- ▶ Two balanced Mic/Line inputs with 3-band EQ
- ▶ Two stereo inputs with 3-band EQ
- ▶ Playback of MP3 and WAV files from any USB flash drive
- ▶ Stereo EFX send cue for ease of monitoring individual channel



Front Panel

FEATURES:

- ▶ Audiophile-quality & ultra low noise
- ▶ Two balanced Mic/Line inputs with 3-band EQ
- ▶ Two stereo inputs with 3-band EQ
- ▶ One stereo AUX return
- ▶ USB playback of MP3 and WAV files
- ▶ Post-fader EFX send on every input
- ▶ Global +48V phantom power
- ▶ Peak and VU Metering
- ▶ Peak indicators on each mono input channel
- ▶ 2T RTN assignable individually to Main or Control room
- ▶ Stereo EFX send cue for ease of monitoring individual channel
- ▶ Balanced master output with 60mm fader control

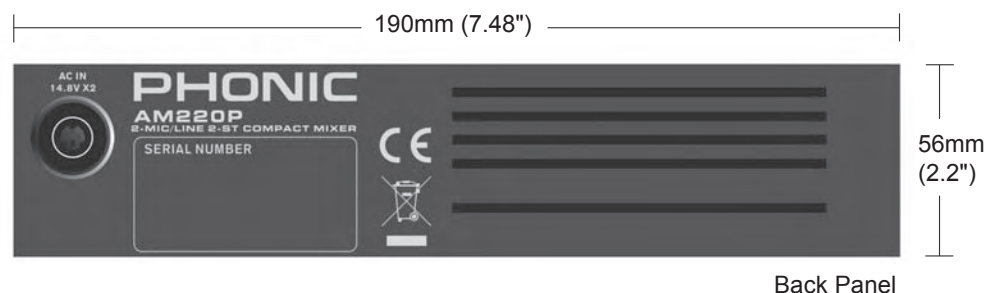
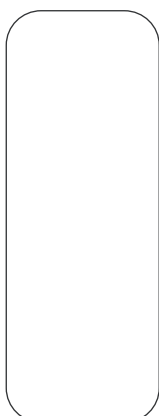
The AM Series Mixers are compact and versatile with anywhere between 5 and 24 mono Mic/Line and stereo inputs. Ultra low noise pre-amps ensure high quality sound when used in project studios or sound reinforcement. Low-cut filters on mono channels eliminate unwanted sounds like stage rumble, P-pops, wind noise and low frequency recording studio room resonances. The multi-band EQ on mono channels gives you total control over your mix. The 'P' models in the AM series offer onboard USB playback of digital MP3 and WAV files directly from USB flash drives. The AM series also makes monitoring the mix easy with its dual multi-segment LED level meters and high volume headphone outputs.

SPECIFICATION

	AM220P
Inputs	
Total Channels	4
Balanced Mono Mic / Line Channel	2
Balanced Stereo Line Channel	2
AUX Return	1 stereo
2T Input	Stereo RCA
Outputs	
Main L/R Stereo	2x 1/4" TRS, Bal.
Rec Out	Stereo RCA
CTRL RM L/R	2 x 1/4" TS
Phones	1
Channel Strips	4
EFX Send	1
Pan/Balance Control	Yes
Volume Controls	Rotary
Master Section	
Phones Level Control	Yes
Main L/R Level Control	60 mm fader
Level Meter	4-segment
Phantom Power Supply	+48V DC
USB Player	
Maximum Playback Bitrate	320 kbit/second
Supported Playback Formats	wav, mp3
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
Maximum Level	
Mic Preamp Input	+10 dBu
All Other Input	+22 dBu
Balanced Output	+28 dBu
Impedance	
Mic Preamp Input	2 K ohms
All Other Input (except insert)	10 K ohms
RCA 2T Output	1.1 K ohms
Equalization	3-band, +/-15 dB
Low EQ	80 Hz
Mid EQ	2.5 KHz
Hi EQ	12 kHz
Power Requirement (external power supply, depends on region)	100VAC, 120VAC, 220 ~ 240VAC, 50/60Hz
Weight	1.5 kg (3.3 lbs)
Dimensions (WxHxD)	190 x 56 x 233 mm (7.48" x 2.2" x 9.17")

Information in this document is subject to change without notice.
V1.0 05/07/2010



Back Panel

PHONIC