

AM642D P

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

AM220 P

2 Mic/Line 2 Stereo Mixer with USB Player



Features

- ▶ Stereo USB playback from any standard USB flash drive
- ▶ 2 or 6 Mic/Line channels with inserts and phantom power
- ▶ 2 or 4 stereo channels with 4-band EQs
- ▶ 3-band EQ on mono channels (with swept mid-range on AM642D P)
- ▶ 1 or 3 aux sends, aux 2 with Pre/Post switch on AM642D P
- ▶ AM642D P offers 32/40-bit digital effect processor with 100 programs
- ▶ 2 subgroups with Main L and R routing switches (AM642D P only)
- ▶ 1 or 2 stereo aux returns with effect to monitor level control
- ▶ Solo feature on each input and output
- ▶ XLR connectors available for main left and right outputs
- ▶ Stereo 9-band graphic EQ on AM642D P
- ▶ 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 with the AM642D P

Description

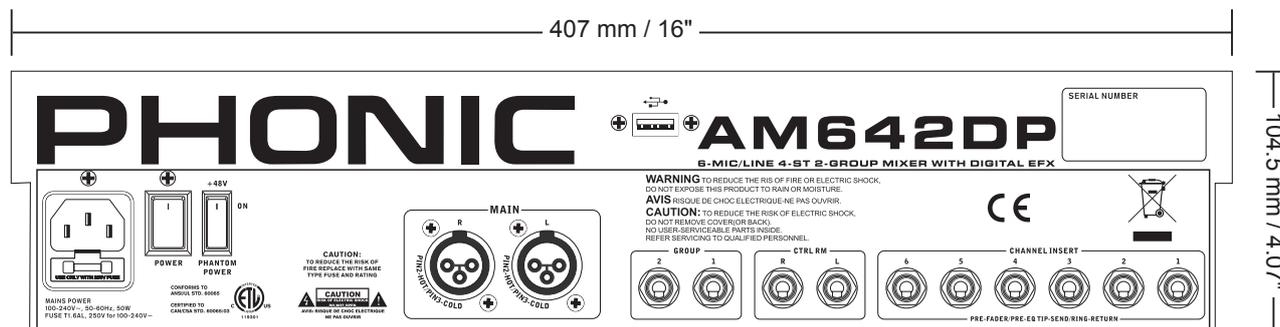
Phonic's AM 'P' series mixers are compact and versatile with either 2 or 6 mono Mic/Line and stereo inputs. Ultra low noise pre-amps ensure high quality sound when used in project studios or sound reinforcement. Low-cut filters on mono channels eliminate unwanted sounds like stage rumble, P-pops, wind noise and low frequency recording studio room resonances. The multiband 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 'P' series also makes monitoring the mix easy with its dual multi-segment LED level meters and high volume headphone outputs.

AM 'P' SERIES

Professional Compact Mixer

AM220 P | AM642D P

Dimension



AM220 P dimensions can be found in the specs below

Specifications

| | AM 220 P | AM642D P |
|---|---|---|
| Inputs | | |
| Total Channels | 4 | 10 |
| Balanced Mono Mic / Line Channel | 2 | 6 |
| Balanced Mic / Stereo Line Channel | - | - |
| Balanced Stereo Line Channel | 4 | 4 |
| Aux Return | 1 stereo | 2 stereo |
| 2T Input | Stereo RCA | Stereo RCA |
| Outputs | | |
| Main L/R Stereo | 2x 1/4" TRS, Bal. | 2 x 1/4" TRS, Bal. & 2 x XLR |
| Aux/Efx Send | - | 3 x 1/4" TRS, Bal. |
| Rec Out | Stereo RCA | Stereo RCA |
| CTRL RM L/R | 2 x 1/4" TS | 2 x 1/4" TS |
| Phones | 1 | 1 |
| Direct Outputs | - | - |
| Channel Strips | 4 | 10 |
| Aux/Efx Send | 1 | 3 |
| Pan/Balance Control | Yes | Yes |
| Volume Controls | Rotary | 60mm fader |
| Inserts | - | 6 |
| Master Section | | |
| Aux Send Mater | - | 3 |
| Master Aux Send Solo | - | 3 |
| Stereo Aux Returns | - | 2 |
| Aux Return Assign to Subgroup | - | 1 |
| Effects Return to Monitor | - | 2 |
| Phones Level Control | Yes | Yes |
| Main L/R Level Control | 60 mm fader | 60 mm fader |
| Metering | | |
| Number of Channels | 2 | 2 |
| Segments | 4 | 12 |
| Phantom Power Supply | +48V DC | +48V DC |
| USB Player | | |
| Maximum Playback Bitrate | 320 kbit/second | 320 kbit/second |
| Supported Playback Formats | MP3, WAV | MP3, WAV |
| Frequency Response (Mic input to any output) | | |
| 20Hz - 60KHz | +0/-1 dB | +0/-1 dB |
| 20Hz - 100KHz | +0/-3 dB | +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 | <-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 | -86.5 dBu |
| Master @ unity, channel fader @ unity | -84 dBu | -84 dBu |
| S/N ratio, ref to +4 | >90 dB | >90 dB |
| Microphone Preamp E.I.N. (150 ohms terminated, max gain) | <-129.5 dBm | <-129.5 dBm |
| THD (Any output, 1KHz @ +14dBu, 20Hz to 20KHz, channel inputs) | <0.005% | <0.005% |
| CMRR (1 KHz @ -60dBu, Gain at maximum) | 80 dB | 80 dB |
| Maximum Level | | |
| Mic Preamp Input | +10 dBu | +10 dBu |
| All Other Input | +22 dBu | +21 dBu |
| Balanced Output | +28 dBu | +28 dBu |
| Impedance | | |
| Mic Preamp Input | 2 K ohms | 2 K ohms |
| All Other Input (except insert) | 10 K ohms | 10 K ohms |
| RCA 2T Output | 1.1 K ohms | 1.1 K ohms |
| Equalization | 3-band, +/-15 dB | 3-band, +/-15dB (4-band on Stereo Ch) |
| Low EQ | 80 Hz | 80Hz |
| Mid EQ | 2.5 KHz | 100-8k Hz, sweepable |
| Hi-Mid EQ | - | 800 Hz |
| Lo-Mid EQ | - | 3 kHz |
| Hi EQ | 12 KHz | 12 kHz |
| Low Cut Filter | - | 75 Hz (-18 dB/oct) |
| 32/40-bit Digital Effect Processor | - | 100 effects with tap delay |
| Power Requirement (depends on region) | 100VAC, 120VAC, 220 ~ 240VAC, 50/60Hz | 100-240 VAC, 50/60 Hz |
| Weight | 1.5 kg (3.3 lbs) | 10.6 lbs (4.8 kg) |
| Dimensions (WxHxD) | 190 x 56 x 233 mm (7.48" x 2.2" x 9.17") | 407 x 104.5 x 357 mm (16" x 4.07" x 14") |