PMX Series

The PMX Series from Wharfedale Pro are lightweight, compact and portable powered mixers.

Designed to be a perfect balance of portability and power the PMX Series are suitable for use in a wide range of portable sound applications. Everything you need to mix and amplify microphones and line level sources is included in one box, with an ergonomic carry handle to aid transportation. The one box concept speeds up your setup time and allows you to start your performance quicker than ever before.

All models feature built in digital FX processing, expanding your creativity and improving your sound quality without the need for additional expensive and often cumbersome processors. A graphic EQ allows fine tuning of the overall mix; the PMX 700 and PMX 710 have a flexible routing system that allows you to EQ your front of house and monitor speakers in mono or your front of house in stereo.

Phantom powered XLR microphone inputs allow you to connect any type of microphone, line level inputs are available with both ¼" jacks and RCA connectors. The PMX710 includes a full-duplex USB playback and record interface and pan/balance controls. The main outputs use Speakon™/¼" jack Combi connections for maximum reliability and versatility.

PMX Series

PMX 500 FEATURES

- 150W RMS power output (4Ω)
- 4 phantom powered XLR mic inputs
- ¼" jack and RCA line level inputs
- Peak indicator for each channel
- 2 band EQ on every channel
- Built in digital FX
- 7 band Graphic EQ
- 4 segment LED metering
- ¼" jack/Speakon™ main outputs

PMX 700 FEATURES

- 2x 150W RMS power output (4Ω)
- 6 phantom powered XLR mic inputs
- ¼" jack and RCA line level inputs
- Peak indicator for each channel
- 3 band EQ on every mono channel
- 2 band EQ on the stereo channel
- 1 Monitor send
- Built in digital FX
- Dual 7 band Graphic EQ
- 4 segment LED metering
- ¼" jack/Speakon™ main outputs

PMX 710 FEATURES

- 2x 250W RMS power output (4Ω)
- 16-bit 48kHz USB Interface
- 6 phantom powered XLR mic inputs
- ¼" jack and RCA line level inputs
- Peak indicator for each channel
- 3 band EQ on every mono channel
- 2 band EQ on the stereo channel
- 1 Monitor send
- Pan/Balance controls
- Built in digital FX
- Dual 7 band Graphic EQ
- 4 segment LED metering
- ¼" jack/Speakon™ main outputs

Preliminary Specification

Model	PMX 500	PMX 700	PMX 710
Power Output	150W RMS into 4Ω	150W x 2 RMS into 4Ω	250W x 2 RMS into 4Ω
Maximum output level	+22dBu mix out	+22dBu mix out	+22dBu mix out
Total harmonic distortion:	≤0.4% (40Hz-20KHz 100w/4Ω speaker output) ≤0.02% (20Hz-30KHz +14dBu line out)	≤0.4% (40Hz-20KHz 100w/4Ω speaker output) ≤0.02% (20Hz-30KHz +14dBu line out)	≤0.4% (40Hz-20KHz 100w/4Ω speaker output) ≤0.02% (20Hz-30KHz +14dBu line out)
Hum & noise	-50dB (speaker output) -83dB (line out) residual output noise	-50dB (speaker output) -83dB (line out) residual output noise	-50dB (speaker output) -83dB (line out) residual output noise
Maximum voltage gain	82dB input mic (speaker out) 52dB input mic (mix out) 42dB input mic (rec out) 52dB input line (speakers out)	82dB input mic (speaker out) 52dB input mic (mix/monitor out) 42dB input mic (rec out) 52dB input line (speakers out)	82dB input mic (speaker out) 52dB input mic (mix/monitor out) 42dB input mic (rec out) 52dB input line (speakers out)
Input channel equalisation	±15dB maximum High 12kHz Shelving Low 100Hz Shelving	±15dB maximum High 12kHz shelving Mid 2kHz shelving Low 100Hz shelving	±15dB maximum High 12kHz shelving Mid 2kHz shelving Low 100Hz shelving
Graphic equaliser	7 bands (60Hz, 120Hz, 480Hz, 1KHz, 4KHz, 8KHz, 16KHz) ±12dB gain	Dual 7 band (60Hz, 120Hz, 480Hz, 1KHz, 4KHz, 8KHz, 16KHz) ±12dB gain	Dual band (60Hz, 120Hz, 480Hz, 1KHz, 4KHz, 8KHz, 16KHz) ±12dB gain
Level Meter	4 Segment LED (0dB output 0dBu on meter mix output)	4 Segment LED (x2) (0dB output 0dBu on meter mix L/R)	4 Segment LED (x2) (0dB output 0dBu on meter mix L/R)
Limit indicator	Turns on approx +6dBu {Comp≥140W (speakers out) each CH}	Turns on approx +6dBu {Comp≥140W (speakers out) each CH}	Turns on approx +6dBu {Comp≥140W (speakers out) each CH}
Digital Effects	16 Effects (Hall1; Hall2; Room1; Room2; Room3; Plate Reverb1; Plate Reverb2; Plate Reverb3; Chorus; Flange; Delay1; Delay2; Chorus/Room1; Chorus/Room2; Vocal Cancel; Rotary Speaker)	16 Effects (Hall1; Hall2; Room1; Room2; Room3; Plate Reverb1; Plate Reverb2; Plate Reverb3; Chorus; Flange; Delay1; Delay2; Chorus/Room1; Chorus/Room2; Vocal Cancel; Rotary Speaker)	16 Effects (Hall1; Hall2; Room1; Room2; Room3; Plate Reverb1; Plate Reverb2; Plate Reverb3; Chorus; Flange; Delay1; Delay2; Chorus/Room1; Chorus/Room2; Vocal Cancel; Rotary Speaker)
Power	AC100-120V~230-240V 50Hz/60Hz	AC100-120V~230-240V 50Hz/60Hz	AC100-120V~230-240V 50Hz/60Hz
Dimensions (W x H x D)			
Product	392 x 261 x 243mm / 15.4 x 10.3 x 9.6"	392 x 261 x 243mm / 15.4 x 10.3 x 9.6"	392 x 261 x 243mm / 15.4 x 10.3 x 9.6"
Carton Box	440 x 295 x 329mm / 17.3 x 11.6 x 13"	440 x 295 x 329mm / 17.3 x 11.6 x 13"	440 x 295 x 329mm / 17.3 x 11.6 x 13"
Net Weight	4.65kg / 10.25lbs	5.45kg / 12lbs	6.9kg / 15.21lbs
Gross weight	5.45Kg / 12lbs	6.25Kg / 13.8lbs	7.7kg / 16.98lbs