

MPM Series

Self powered audio mixers



MPM 8302 USB



MPM 16352 USB

MPM is the series of powered mixers of MARK comprising 2 models: **MPM 8302 USB** and **MPM 16352 USB** and offer a wide range of possibilities thanks to the functions that come built into the mixer, they are, an MP3 player, DSP effects, 7-band graphic stereo equalizer and, of course, an integrated amplifier whose power depends on the model.

Each channel integrates a three-band EQ plus a high pass filter of -20 dB to prevent incursions and support network noise signal line and mic.

In addition, each channel has a PFL function selector. The main section allows the master control faders STEREO with independent L and R, plus fader effect. The built-in DSP allows the selection of a wide range DELAY variations, all selectable via a LCD display.

The MP3 player allows two types of devices: USB drives or SD memory cards. The control is done with common buttons play / pause, rewind, forward, etc. and a display indicates that track is being selected or playing. This player is very useful for many occasions since, for example, can serve to trigger audio tracks in the previous environment of a live performance or a corporate event, which allows not having to carry a player only for this use.

The advantage of amplified mixer is obviously the power to take it all in one device, mixer, amplifier, equalizer, effects and now audio player with built-in MP3 system. Therefore **MPM series** is the most complete range of mixers

Features

- Self-powered audio mixers with 2 different channels and power output configurations:
 - 8 Channels 2x 300W @ 4Ω.
 - 16 Channels 2x 350W @ 4Ω.
- MIC/LINE inputs.
- 3-way equalizer in all channels.
- 1 AUX on each channel (pre/post).
- Integrated MP3 player with USB and SD.
- LCD display with time and track information.
- DSP with 16 DELAY variations.
- PAN function.
- Independently effect gain control.
- Independent Master L and R control.
- Double graphic equalizer with 7 bands.
- Headphones output.
- Record output.
- Balanced and unbalanced amplifier output.

Dependiendo del numero de canales y potencia, la serie se compone de 2 modelos que son:

MODELO	CANALES	POTENCIA (@ 4Ω)
MPM 8302 USB	8	2x 300W
MPM 16352 USB	16	2x 350W

Rear view



MPM 8302 USB



MPM 16352 USB

Input channel



Specifications

TECHNICAL DATA	MPM 8302 USB	MPM 16352 USB
Input channels:	8 mono	16 mono
Type:	Electronically balanced.	Electronically balanced.
Bandwidth:	10 Hz a 60 kHz +- 3 dB.	10 Hz a 60 kHz +- 3 dB.
Distortion (THD+N):	0,01 % + 4 dBu, 1 kHz Bandwidth 80 kHz	0,01 % + 4 dBu, 1 kHz Bandwidth 80 kHz
MIC:	- 129,5 dBu, 150 Ω. - 117,3 dBuqp, 150 Ω. - 132 dBu, short-circuit output. - 122 dBuqp, short-circuit output.	- 129,5 dBu, 150 Ω. - 117,3 dBuqp, 150 Ω. - 132 dBu, short-circuit output. - 122 dBuqp, short-circuit output.
TRIM range:	+ 10 dB + 60 dB.	+ 10 dB + 60 dB.
LINE:		
Gain range:	- 10 dB a + 60 dB.	- 10 dB a + 60 dB.
EQUALIZATION:		
Treble:	12 kHz ±15 dB.	12 kHz ±15 dB.
Middle:	100 Hz - 8 KHz ±15 dB.	100 Hz - 8 KHz ±15 dB.
Low (Hig-pass filter):	80 Hz ±15 dB.	80 Hz ±15 dB.
Crossover:	-3 dB @ 75 Hz, 18 dB/oct.	-3 dB @ 75 Hz, 18 dB/oct.
MASTER SECTION:		
MAIN output:	+ 22 dBu bal.	+ 22 dBu bal.
AUX Send output:	+ 22 dBu bal.	+ 22 dBu bal.
S/N Ratio:	112 dB.	112 dB.
Power output:	2x 300 W @ 4 Ω.	2x 350 W @ 4 Ω.
Main supply:	115-240 V AC 50 Hz.	115-240 V AC 50 Hz.
Dimensions:	485 x 455 x 460 mm.	750 x 455 x 460 mm.
Weight:	12,8 kg.	16,8 kg.

Controls presents in a channel:

- MIC/LINE input
- PAD -20 dB
- 3-way equalizer
- 2 AUX
- Effects control
- PAN mode
- PFL

* Specifications are subject to change without notice



Built-in DSP with 16 DELAY variations.



USB port and SD card slot. They allow to load external audio files. Display with track and time information.



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