



# PS-4806

## Paging Amplifier System



### Features

- 80W x 6
- 100V x 6 / 4Ω x 1 OUT
- 4 Mic/Line IN, 2 Stereo Line IN
- Priority Modes
- MP3 Recorder & Player, FM radio
- PM-01 / PM-06 Desktop Mic and Paging Station

PS-4806 is a Mixer/Amplifier Systems dedicated to paging applications. It features 6 paging zone outputs and 6 Mic/Line inputs including a power amplifier module of 480W .

The power output is equally distributed and regulated among the selected channel. The maximum output is at maximum when "ALL ZONE" is selected for paging.

The devices are equipped with MP3 player module with recording and FM radio function.

The priority level can be se via the MP3 player screen interface, or through the computer control software.

Mic/line inputs have individual volume/EQ controls, completed with a phantom power for electret microphones.

External connections are also available for signal input.

PS-4806 can operate with two dedicated Mic paging station. PM-01 can be used as a slave unit or as a master unit through a back panel selector. Up to 3 PM-01 can be connected to the PS devices which supply the power without the need of extra connection.

PM-06 is a paging station controlling up to six zones separately with an "ALL ZONE" function. PM-06 can also be used as a slave or as a master unit through a dip switch selector. In addition to the Mic input a RCA input is available for an external sound source. Audio signal is converted in AES3 through Cat5e cable which allows a distance connection over 100 meters.

PM-06 has a built-in chime function where the sound can be modified by connecting the USB port to a PC. It can launch up to 6 messages stored in the PS main frame and controls over Play/Stop/Repeat functions.



# Specifications

	<b>PS-4806</b>	
<b>AC Power</b>	110-240V~50Hz/60Hz	
<b>Input Sensitivity (+/- 1.5dBV)</b>	MIC 1-4:-52dBV / LINE 1-4:-10dBV / LINE 5-6: -6dBV, Telephone emergency: -12dBV	
<b>S/N Ratio (20-20kHz, +/- 1.5dBV)</b>	MIC: 60dB / LINE: 70dB	
<b>Frequency Response (-3dBV)</b>	80Hz-16kHz	
<b>THD + N</b>	<1%	
<b>Tone Control (+/-1.5dBV)</b>	BASS@100Hz: +/-10dB / TREBLE@10kHz: +/-10dB	
<b>Phantom Supply (+/-2.5dBV)</b>	MIC (Balanced): 24V	
<b>Rec. / Pre Out / AMP. In (+/-0.2dBV)</b>	1V	
<b>Power Output (+/-0.5%)</b>	480W@4 Ohms	
<b>Zone Power Output (+/-0.5%)</b>	80W@70V or 100V	
<b>Power Consumption</b>	680W	
<b>MP3 Decoder (USB/SD)</b>	USB / SD Device: Built-in USB Full speed (12Mbps) Supports USB mass storage class Supports MMC, mini-SD and micro-SD cards Support MP3 / WMA / ACC format Priority SD>USB It's recommended to use less than 32GB for MP3 or SD card	Supports SDHC memory cards Supports FAT32, FAT16 and FAT12 file system Supports the file size up to (2G-1) byte
<b>MP3 Encoder</b>	USB / SD Device: Supports MP3 format encode (MPEG1 Layer3) Supports the writing of the encoded file to USB or SD card	Supports sample rate of 48kHz Encoding bit rate 320kbps
<b>FM</b>	Frequency range: 87.5 -108.0 MHz / STEP:100 kHz / MONO=1, and L=R; delta f=75kHz; VEMF=1mV, FMOD=1kHz, 75 micro s de-emphasis	
<b>CHIME, MESSAGE</b>	Supports MP3 file, Sample rate 44.1 kHz, Bit rate 22Kbps, 16bit	
<b>Front Panel Controls</b>	4 MIC & 2 Line input Volume/Treble/Bass, 1 Chime Volume, 1 Chime switch, 1 Tel. ringer, 1 Tel. Switch, 1 Siren Volume, 2 Siren Selector Switches, 1 Master Volume, 6 Zone Volume, 6 Zone Selector Switches, 1 All Zone Selector Switch, MP3+FM player with recording priority setting	
<b>Rear Panel Connections</b>	4 MIC Inputs, 4 Gain Controls, 4 Phantom Power Switches, 2 Line Inputs, 1 Rec. Output, 1 Pre Output, 1 Amp Input, 1 PM-01 Input, 1 PM-06 Input, FM Antenna Terminal, USB Port and Switch, external control connection for signal input, 6 Zone Outputs, 14 Outputs, Tel. Ringer & Input, 100V Input, 24V DC input (PS-2406 only), 24V DC Output, Power Remote Control, AC Power Input.	
<b>Dimension (W x D x H)</b>	444 x 367 x 130 mm (17.48" x 14.45" x 5.12")	
<b>Weight</b>	15.1 kg (33.29 lb.)	

Specifications subject to modification without notice



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