



PS-2406 / PS4806

Paging Amplifier System



Features

- 40W x 6 (PS-2406)
- 80W x 6 (PS-4806)
- 100V x 6 / 4Ω x 1 OUT
- 4 Mic/Line IN, 2 Stereo Line IN
- Priority Modes
- MP3 Recorder & Player, FM radio
- 24 V DC operation (PS-2406)
- PM-01 / PM-06 Desktop Mic and Paging Station

PS-2406 and PS-4806 are Mixer/Amplifier Systems dedicated to paging applications. They feature 6 paging zone outputs and 6 Mic/Line inputs. Both models have identical functions but a different power handling of 240W (PS-2406) and 480W (PS-4806).

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 set 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-2406 can also operate with a 24V DC power supply.



PM-01

PM-06

PM-01 is a desktop microphone designed to operate with PS-2406 / PS-4806. It 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

PS-2406 / PS-4806	
AC Power	110-240V~50Hz/60Hz, DC 24V (PS-2406 only)
Input Sensitivity (+/- 1.5dBV)	MIC 1-4: -52dBV / LINE 1-4: -10dBV / LINE 5-6: -6dBV, Telephone emergency: -12dBV
S/N Ratio (20-20kHz, +/- 1.5dBV)	MIC: 60dB / LINE: 70dB
Frequency Response (-3dBV)	80Hz-16kHz
THD + N	<1%
Tone Control (+/-1.5dBV)	BASS@100Hz: +/-10dB / TREBLE@10kHz: +/-10dB
Phantom Supply (+/-2.5dBV)	MIC (Balanced): 24V
Rec. / Pre Out / AMP. In (+/-0.2dBV)	1V
Power Output (+/-0.5%)	PS-2406: 240W@4 Ohms; PS-4806: 480W@4 Ohms
Zone Power Output (+/-0.5%)	PS-2406: 40W@70V or 100V ; PS-4806: 80W@70V or 100V
Power Consumption	680W
MP3 Decoder (USB/SD)	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
MP3 Encoder	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
FM	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
CHIME, MESSAGE	Supports MP3 file, Sample rate 44.1 kHz, Bit rate 22Kbps, 16bit
Front Panel Controls	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
Rear Panel Connections	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.
Dimension (W x D x H)	444 x 367 x 130 mm (17.48" x 14.45" x 5.12")
Weight	15.1 kg (33.29 lb.)

Specifications subject to modification without notice



SEIKAKU TECHNICAL GROUP LIMITED

NO.1 LANE 17, SEC.2, HAN SHI WEST ROAD, TAICHUNG 40151 TAIWAN

Tel: +886-4-22313737 Fax: +886-4-22346757 www.seikaku.hk