

STAGEPAS Series

PA Systems



STAGEPAS 500



STAGEPAS 300

*The speaker stand and microphone stand are options.

Great live sound has never been easier.

- This all-in-one system includes a pair of passive speakers, a detachable powered mixer, and a pair of speaker cables.
- Both the 8-channel 150W + 150W STAGEPAS 300 mixer and the 10-channel 250W + 250W STAGEPAS 500 mixer can be used either while installed in the speaker compartment or detached for easy positioning and access.
- Built-in equalization and reverb add the finishing touches to your sound.
- STAGEPAS 500 features phantom power for condenser microphones and channel compression/limiting for added sonic control.
- XLR and phone-jack inputs on mono channels, and phone-jack and RCA pin-jack inputs on stereo channels allow connection to a wide range of sources.
- MIC/LINE switches select microphone or line level input matching for channels 1 through 4.
- The STAGEPAS 300 speakers can be stand mounted using standard speaker stand adaptors such as the ADP138, Ultimate BMB200, or equivalent.
- Auto Limiter prevents overload damage to power amplifier and speakers.
- LED output level meter.
- Optional BMS-10A Mic Stand Adaptor for the mixer unit.

OPTIONS (MSP5 STUDIO)

BMS10A Mic Stand Adaptor



The optional BMS-10A Mic Stand Adaptor makes it easy to mount the mixer on a microphone stand.

STAGEPAS 500

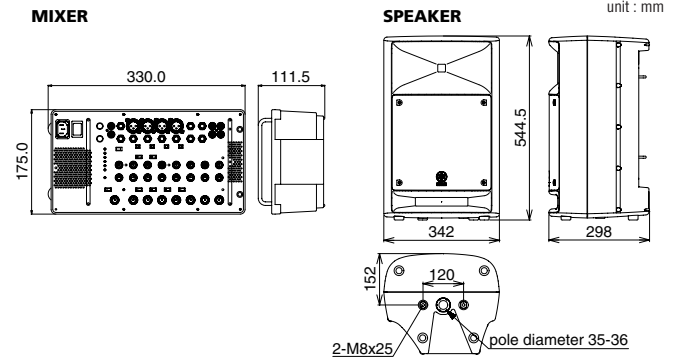
GENERAL SPECIFICATIONS (MIXER)

| | |
|---|---|
| Output Power (Maximum) | 250W+250W(±10%)/4 @10% THD at 1kHz (SPEAKERS L/R) |
| Output Power (RMS) | 200W+200W/4 @1% THD at 1kHz (SPEAKERS L/R) |
| Maximum Output Level | 116dB (1m) |
| Frequency Response (Nominal output level@1kHz) | -3dB, 0dB, +1dB @20Hz-20kHz (MUSIC/SPEECH=MUSIC) (MONITOR OUT) -3dB, 0dB, +1dB @80Hz-20kHz (MUSIC/SPEECH=SPEECH) (REC OUT) -3dB, 0dB, +1dB @20Hz-20kHz, 1W OUTPUT (MUSIC/SPEECH=MUSIC, without Speaker EQ) (SPEAKERS L/R) |
| Total Harmonic Distortion | " 0.5% @20Hz, 1kHz, 20kHz +14dBu GAIN=nominal (MONITOR OUT, REC OUT) |
| Hum & Noise (Equivalent Input Noise, Rs=150 , MIC/LINE = MIC) | " -106dBu (CH1/2) " -112dBu (CH3/4) " -65dBu residual output noise (SPEAKERS L/R) |
| Crosstalk @1kHz | " -70dB between input channels |
| Phantom power switch | ON / OFF (CH1-4) |
| COMP/LIMIT switch | ON=COMP, OFF=LIMIT (CH1/2) |
| Input Channel Equalization | ±15 dB HIGH: 10kHz shelving LOW: 100Hz shelving |
| Power Consumption | 65W |
| Dimensions (W x H x D) | 342 x 544.5 x 298 mm (13.5" x 21.4" x 11.7") [Speaker x 1] 330 x 175 x 111.5 mm (13.0" x 6.9" x 4.4") [Mixer] |
| Weight | 24.0kg (52.9lbs) [Speaker x 2 + Powered Mixer] |

SPEAKER (SPEAKERS)

| | |
|----------------------------|---|
| Enclosure | 2-way bass-reflex type, Polypropylene, Black |
| Crossover Frequency | 4.0kHz (LF:12dB/oct, HF:12dB/oct) |
| Frequency Range | 55Hz-20kHz (-10dB) |
| Speaker Unit | LF: 10"(25cm) Cone HF: 1"(2.54cm) Compression Driver |

DIMENSIONS



STAGEPAS 300

GENERAL SPECIFICATIONS (MIXER)

| | |
|----------------------------------|---|
| Output Power (Maximum) | 150W + 150W / 6 @10% THD at 1kHz (SPEAKERS L/R) |
| Output Power (RMS) | 100W + 100W / 6 @ 1% THD at 1kHz (SPEAKERS L/R) |
| Frequency response | -3dB, 0dB, +1dB @20Hz-20kHz, 1W Output/6 (MUSIC/SPEECH switch=[SPEECH])(SPEAKERS L/R) -3dB, 0dB, +1dB @20Hz-20kHz, +4dBu 10k load (MUSIC/SPEECH switch=[MUSIC])(MONITOR OUT,REC OUT) |
| Total harmonic distortion | " 1% @1kHz, 50W Output Power (SPEAKERS L/R) " 0.5% @20Hz-20kHz, +14dBu 10k load (MONITOR OUT,REC OUT) |
| Hum & noise * | " -65dBu (Residual noise)(SPEAKER OUT) " -90dBu (Residual noise)(MONITOR OUT,REC OUT) |
| Crosstalk @1kHz | " -70dB |
| Channel EQ ±15dB (MAX) | HIGH: 10kHz shelving LOW: 100Hz shelving |
| Dimensions (W x H x D) | 275 x 456 x 255 mm (10.8" x 18.0" x 10.0") [Speaker x 1] 290 x 96 x 160 mm (11.4" x 3.8" x 6.3") [Mixer] |
| Weight | 18.0kg (39.7lbs) [Speaker x 2 + Powered Mixer] |
| Power consumption | 70W |

GENERAL SPECIFICATIONS (SPEAKERS)

| | |
|-----------------------------|--|
| Enclosure | Bass-reflex type |
| Speaker unit | LF:8" (20cm) cone HF:1" (2.54cm) Compression driver |
| Crossover frequency | 4kHz |
| Frequency range | 55Hz to 20kHz |
| Maximum output level | 112dB (1m) |

*1 20Hz-20kHz, Rs=150ohms, MIC/LINE switch=MIC

*2 Shelving turnover/rolloff frequency: 3dB before maximum or boost.

DIMENSIONS

