

# STAGEPAS Series

## Portable 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. STAGEPAS 500 speaker is directly mountable on 35mm pole with securing thumb screw.
- 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

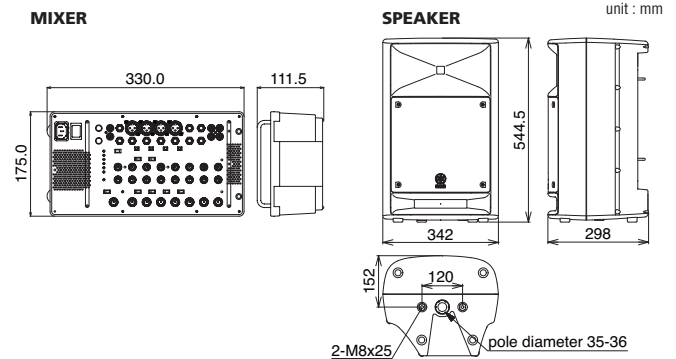
### GENERAL SPECIFICATIONS (MIXER)

<b>Output Power (Maximum)</b>	250W+250W(±10%)/4Ω @10% THD at 1kHz (SPEAKERS L/R)
<b>Output Power (RMS)</b>	200W+200W/4Ω @1% THD at 1kHz (SPEAKERS L/R)
<b>Maximum Output Level</b>	116dB (1m)
<b>Frequency Response (Nominal output level@1kHz)</b>	-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)
<b>Total Harmonic Distortion</b>	Less than 0.5% @20Hz, 1kHz, 20kHz +14dBu GAIN=nominal (MONITOR OUT, REC OUT)
<b>Hum &amp; Noise (Equivalent Input Noise, Rs=150Ω, MIC/LINE = MIC)</b>	Less than -106dBu (CH1/2) Less than -112dBu (CH3/4) Less than -65dBu residual output noise (SPEAKERS L/R)
<b>Crosstalk (@1kHz)</b>	Less than -70dB between input channels
<b>Phantom power switch</b>	ON / OFF (CH1-4)
<b>COMP/LIMIT switch</b>	ON=COMP, OFF=LIMIT (CH1/2)
<b>Input Channel Equalization</b>	±15 dB HIGH: 10kHz shelving LOW: 100Hz shelving
<b>Power Consumption</b>	65W
<b>Dimensions (W x H x D)</b>	342 x 544.5 x 298mm (13.5" x 21.4" x 11.7") [Speaker x 1] 330 x 175 x 111.5mm (13.0" x 6.9" x 4.4") [Mixer]
<b>Weight</b>	24.0kg (52.9lbs) [Speaker x 2 + Powered Mixer]

### SPEAKER (SPEAKERS)

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

### DIMENSIONS



## STAGEPAS 300

### GENERAL SPECIFICATIONS (MIXER)

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

### GENERAL SPECIFICATIONS (SPEAKERS)

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

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

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

### DIMENSIONS

