

# STAGEPAS Series

## Portable PA Systems



## STAGEPAS 600i



## STAGEPAS 400i



### Portable All-in-one Sound Solutions with iPod/iPhone connectivity, Digital Reverbs, an Onboard Feedback Suppressor and Versatile EQ

- Includes two lightweight speakers and a detachable mixer, along with one pair of speaker cables and a power cord.
- Plenty of power for a wide range of situations: 680 watts (340W + 340W) from the 600i, and 400 watts (200W + 200W) from the 400i.
- Versatile connectivity via 10 mixer channels in the STAGEPAS 600i, or 8 mixer channels in the STAGEPAS 400i.
- Digital connection for iPod/iPhone provides high-quality playback with simultaneous charging.
- One-knob access to four top-quality digital SPX reverbs, with individual reverb level control for each mono channel.
- 1-Knob Master EQ™ instantly optimizes EQ for a variety of program material, from speech through musical performance to bass enhancement.
- Built-in intelligent feedback suppressor makes it easy to achieve professional quality sound by removing uncomfortable feedback.
- Hi-Z switches allow direct connection of acoustic-electric guitars or basses without the need for extra direct boxes.
- Switchable phantom power for high-performance condenser microphones.
- Monitor outputs make it easy to add optional powered speakers such as Yamaha's DXR lineup
- Subwoofer output connects to optional Yamaha DXS series or other powered subwoofers for extended low range.
- Stand-mountable speakers designed for wide, uniform coverage.

#### OPTION

##### BMS10A Mic Stand Adaptor



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

##### FC5 Foot Switch



Optional FC5 footswitch allows convenient foot-controlled reverb on/off switching.

# STAGEPAS 600i, STAGEPAS 400i

## GENERAL SPECIFICATIONS

		STAGEPAS 600i	STAGEPAS 400i
<b>System</b>			
<b>System Type</b>		Powered mixer with 2 passive speakers	
<b>Maximum SPL</b> Measured peak IEC noise @ 1m		129dB SPL / speaker	125dB SPL / speaker
<b>Frequency Range</b> (-10 dB)		55Hz - 20kHz	55Hz - 20kHz
<b>Power consumption</b>		35W (Idle), 100W (1/8 Power)	30W (Idle), 70W (1/8 Power)
<b>Power requirements</b>		100V - 240V 50Hz/60Hz	
<b>Dimensions</b> (W x H x D)		Speaker 335 x 545 x 319mm (13.2" x 21.5" x 12.6"), Mixer 348 x 197 x 135mm (13.7" x 7.8" x 5.3")	Speaker 289 x 472 x 275mm (11.4" x 18.6" x 10.8"), Mixer 308 x 180 x 116mm (12.1" x 7.1" x 4.6")
<b>Weight</b>		25.4kg / 56lbs (2 x Speaker 10.8kg + Mixer 3.8kg)	17.8kg / 39.2lbs (2 x Speaker 7.5kg + Mixer 2.8kg)
<b>Powered Mixer</b>			
<b>Mixer</b>		10	
<b>Mixing channels</b>		4 mono mic/line + 6 mono / 3 stereo line	
<b>Analog inputs</b>		USB Audio IN: iPod/iPhone exclusive	
<b>Digital inputs</b>		3-band (HIGH Shelving: 8kHz, MID peaking: 2.5kHz, LOW Shelving: 100Hz)	
<b>Channel EQ</b>		2-band (HIGH Shelving: 8kHz, LOW Shelving: 100Hz)	
<b>Channel functions</b>		Hi-Z switch: CH4, ST/MONO switch: CH5/6-9/10	
<b>Digital effects</b>		SPX digital reverb (4 program, parameter control)	
<b>Output processing</b>		Feedback suppressor, 1-Knob Master EQ™	
<b>Phantom power</b>		+30V (CH1, 2)	
<b>Outputs</b>		SPEAKERS OUT (L, R), MONITOR OUT (L/MONO, R), SUBWOOFER OUT (MONO) with auto HPF	
<b>Control and others</b>		Reverb foot switch	
<b>Built-in Amplifiers</b>		680W (340W + 340W)	400W (200W + 200W)
<b>Power Rating</b> (Dynamic)		560W (280W + 280W)	360W (180W + 180W)
<b>Power Rating</b> (Continuous)			
<b>Speaker</b>			
<b>Type</b>		Two-way bass-reflex speakers	
<b>Transducers</b>		LF: 10" (25cm) cone, HF: 1.4" (3.56cm) voice coil compression driver	LF: 8" (20cm) cone, HF: 1" (2.54cm) voice coil compression driver
<b>Coverage Angle</b> (Horizontal x Vertical)		90° x 60°	
<b>Floor Monitor Angle</b>		50°	
<b>Handle</b>		1 x Top	
<b>Pole socket</b>		34.8-35.2mm pole socket with StageLok™	
<b>Accessories</b>			
<b>Included Accessories</b>		Cover panel, Power cord (2m), 2xSpeaker cables (6m), 12xNon-skid pads	
<b>Optional Accessories</b>		Yamaha BMS10A (mic stand adaptor) for mixer mount, FC5 (foot switch) for reverb ON/OFF	

## ANALOG INPUT SPECIFICATIONS

### STAGEPAS 600i

Input terminals	MIC/LINE	Input Impedance	Source Impedance	Input level			Connector
				Sensitivity	Nominal	Max. before clip	
CH IN 1-2	MIC	3kΩ	150 Ω Mics	-56 dBu	-35 dBu	-10 dBu	XLR-3-31
	LINE			-30 dBu	-9 dBu	+16 dBu	
CH IN 3-4	MIC	3kΩ	150 Ω Mics	-56 dBu	-35 dBu	-10 dBu	XLR XLR Combo
	LINE			-30 dBu	-9 dBu	+16 dBu	
	MIC	10 kΩ	150 Ω Lines	-50 dBu	-29 dBu	-4 dBu	
	LINE	(Hi-Z 1 MΩ)	(Hi-Z 10 kΩ)	-24 dBu	-3 dBu	+22 dBu	
CH IN 5/6	LINE	10 kΩ	150 Ω Lines	-24 dBu	-3 dBu	+22 dBu	Phone**
CH IN 7/8	LINE	10 kΩ	150 Ω Lines	-24 dBu	-3 dBu	+22 dBu	Phone**, RCA Pin
CH IN 9/10	LINE	10 kΩ	150 Ω Lines	-24 dBu	-3 dBu	+22 dBu	Phone**, Stereo Mini

### STAGEPAS 400i

Input terminals	MIC/LINE	Input Impedance	Source Impedance	Input level			Connector
				Sensitivity	Nominal	Max. before clip	
CH IN 1-2	MIC	3kΩ	150 Ω Mics	-56 dBu	-35 dBu	-10 dBu	XLR-3-31
	LINE			-30 dBu	-9 dBu	+16 dBu	
CH IN 3-4	MIC	3kΩ	150 Ω Mics	-56 dBu	-35 dBu	-10 dBu	XLR XLR Combo
	LINE			-30 dBu	-9 dBu	+16 dBu	
	MIC	10 kΩ	150 Ω Lines	-50 dBu	-29 dBu	-4 dBu	
	LINE	(Hi-Z 1 MΩ)	(Hi-Z 10 kΩ)	-24 dBu	-3 dBu	+22 dBu	
CH IN 5/6	LINE	10 kΩ	150 Ω Lines	-24 dBu	-3 dBu	+22 dBu	Phone**, RCA Pin
CH IN 7/8	LINE	10 kΩ	150 Ω Lines	-24 dBu	-3 dBu	+22 dBu	Phone**, Stereo Mini

## OUTPUT SPECIFICATIONS

### STAGEPAS 600i

Output terminals	Output Impedance	Load Impedance	Output Level			Connector	
			Nominal	Max. before clip	Typ at THD+N 10%		
SPEAKERS OUT [L,R]	<0.1 Ω	4Ω Speakers	-	-	280 W	340 W	Phone**
MONITOR OUT [L,R]	600 Ω	10 kΩ Lines	+4 dBu	+20 dBu	-	-	Phone**
SUBWOOFER OUT	150 Ω	10 kΩ Lines	-3 dBu	+17 dBu	-	-	Phone**

### STAGEPAS 400i

Output terminals	Output Impedance	Load Impedance	Output Level			Connector	
			Nominal	Max. before clip	Typ at THD+N 10%		
SPEAKERS OUT [L,R]	<0.1 Ω	4Ω Speakers	-	-	180 W	200 W	Phone**
MONITOR OUT [L,R]	600 Ω	10 kΩ Lines	+4 dBu	+20 dBu	-	-	Phone**
SUBWOOFER OUT	150 Ω	10 kΩ Lines	-3 dBu	+17 dBu	-	-	Phone**

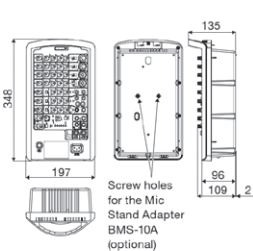
## DIGITAL INPUT SPECIFICATIONS

Terminal	Format	Connector
USB IN	iPod, iPhone exclusive	USB A type

## DIMENSIONS

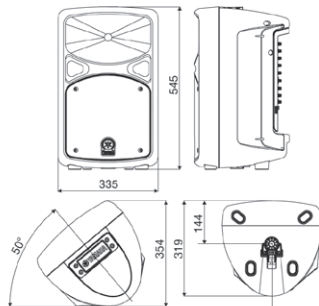
### STAGEPAS 600i

#### MIXER



Screw holes for the Mic Stand Adapter BMS-10A (optional)

#### SPEAKER

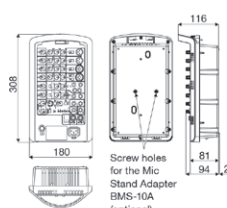


Pole diameter 34.8 - 35.2

\* Use of the stand should refer to stand manufacturer's instructions.

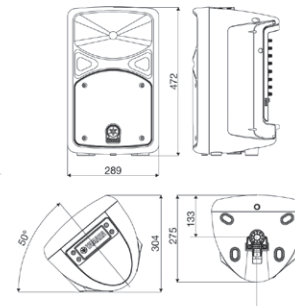
### STAGEPAS 400i

#### MIXER



Screw holes for the Mic Stand Adapter BMS-10A (optional)

#### SPEAKER



Pole diameter 34.8 - 35.2

\* Use of the stand should refer to stand manufacturer's instructions.

unit : mm