



# Specifications

## System

Model	STAGEPAS 400i	STAGEPAS 600i
System Type	Powered mixer with 2 passive speakers	
Maximum SPL (*Maximum SPL)	125dB SPL / speaker	129dB SPL / speaker
Frequency Range (-10 dB)	55Hz - 20kHz	55Hz - 20kHz
Power Consumption	30W (Idle), 70W (1/8 Power)	35W (Idle), 100W (1/8 Power)
Power Requirements	100V - 240V 50Hz/60Hz	
Dimensions (W x H x D)	Speaker 289x472x275mm, Mixer 308x180x116mm	Speaker 335x545x319mm, Mixer 348x197x135mm
Net Weight	17.8kg / 39.2lbs (2 x Speaker 7.5kg + Mixer 2.8kg)	25.4kg / 56lbs (2 x Speaker 10.8kg + Mixer 3.8kg)

## Powered Mixer

Model		STAGEPAS 400i	STAGEPAS 600i
Mixer	Mixing channels	8	10
	Analog inputs	4 mono mic/line + 4 mono / 2 stereo line	4 mono mic/line + 6 mono / 3 stereo line
	Digital inputs	USB Audio IN: iPod/iPhone exclusive *	
	Channel EQ	2-band (HIGH Shelving: 8kHz, LOW Shelving: 100Hz)	3-band (HIGH Shelving: 8kHz, MID peaking: 2.5kHz, LOW Shelving: 100Hz)

	Channel functions	Hi-Z switch: CH4, ST/MONO switch: CH5/6-7/8	Hi-Z switch: CH4, ST/MONO switch: CH5/6-9/10
	Digital effects	SPX digital reverb (4 program, parameter control)	
	Output processing	Feedback suppressor, 1-Knob Master EQ™	
	Phantom power	+30V (CH1, 2)	
	Outputs	SPEAKERS OUT (L, R), MONITOR OUT (L/MONO, R), SUBWOOFER OUT (MONO) with auto HPF	
	Control and others	Reverb foot switch	
Built-in Amplifiers	Power Rating (Dynamic)	400W (200W + 200W)	680W (340W + 340W)
	Power Rating (Continuous)	360W (180W + 180W)	560W (280W + 280W)

\* Supported iPod/iPhone models.

iPod classic/ iPod touch (1st generation or later)/ iPod nano (2nd generation or later)/ iPhone (1st generation or later)

## Speaker

Model	STAGEPAS 400i	STAGEPAS 600i
Type	Two-way bass-reflex speakers	
Transducers	LF: 8" (20cm) cone, HF: 1" (2.54cm) voice coil compression driver	LF: 10" (25cm) cone, HF: 1.4" (3.56cm) voice coil compression driver
Coverage Angle (Horizontal x Vertical)	90° x 60°	
Floor Monitor Angle	50°	
Handle	1 x Top	
Pole socket	34.8-35.2mm pole socket with StageLok™	

## Accessories

Model	STAGEPAS 400i	STAGEPAS 600i
Included Accessories	Cover panel, Power cord (2m), 2xSpeaker cables (6m), 12xNon-skid pads	

Optional Accessories

Yamaha BMS10A (mic stand adaptor) for mixer mount, FC5 (foot switch) for reverb ON/OFF

# Input Characteristics

## STAGEPAS400i

Input Terminals		MIC/LINE	Input Impedance	Source Impedance	Input Level			Connector Type
					Sensitivity	Nominal	Max. before Clipping	
CH IN 1-2	XLR	MIC	3 k $\Omega$	150 $\Omega$ Mics	-56 dBu	-35 dBu	-10 dBu	XLR-3-31
		LINE			-30 dBu	-9 dBu	+16 dBu	
CH IN 3-4	XLR	MIC	3 k $\Omega$	150 $\Omega$ Mics	-56 dBu	-35 dBu	-10 dBu	XLR Combo
		LINE			-30 dBu	-9 dBu	+16 dBu	
	Phone	MIC	10 k $\Omega$	150 $\Omega$ Lines (Hi-Z 1 M $\Omega$ )	-50 dBu	-29 dBu	-4 dBu	
		LINE	(Hi-Z 1 M $\Omega$ )		(Hi-Z 10 k $\Omega$ )	-24 dBu	-3 dBu	
CH IN 5/6	Phone	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	Phone*
	Pin	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	RCA Pin
CH IN 7/8	Phone	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	Phone*
	Mini	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	Stereo Mini

## STAGEPAS600i

Input Terminals		MIC/LINE	Input Impedance	Source Impedance	Input Level			Connector Type
					Sensitivity	Nominal	Max. before Clipping	
CH IN 1-2	XLR	MIC	3 k $\Omega$	150 $\Omega$ Mics	-56 dBu	-35 dBu	-10 dBu	XLR-3-31
		LINE			-30 dBu	-9 dBu	+16 dBu	
CH IN 3-4	XLR	MIC	3 k $\Omega$	150 $\Omega$ Mics	-56 dBu	-35 dBu	-10 dBu	XLR Combo
		LINE			-30 dBu	-9 dBu	+16 dBu	
	Phone	MIC	10 k $\Omega$	150 $\Omega$ Lines (Hi-Z 1 M $\Omega$ )	-50 dBu	-29 dBu	-4 dBu	
		LINE	(Hi-Z 1 M $\Omega$ )		(Hi-Z 10 k $\Omega$ )	-24 dBu	-3 dBu	
CH IN 5/6	Phone	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	Phone*

CH IN 7/8	Phone	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	Phone*
	Pin	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	RCA Pin
CH IN 9/10	Phone	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	Phone*
	Mini	-	10 k $\Omega$	150 $\Omega$ Lines	-24 dBu	-3 dBu	+22 dBu	Stereo Mini

0 dBu=0.775 Vrms, 0 dBV=1 Vrms Phone\*: Unbalanced

## Output Characteristics

### STAGEPAS400i

Output Terminals	Output Impedance	Load Impedance	Output Level				Connector Type
			Nominal	Max. before Clipping	Typ at THD+N 10%	Dynamic	
SPEAKERS OUT [L,R]	<0.1 $\Omega$	4 $\Omega$ Speakers	-	-	180 W	200 W	Phone*
MONITOR OUT [L,R]	600 $\Omega$	10 k $\Omega$ Lines	+4 dBu	+20 dBu	-	-	Phone*
SUBWOOFER OUT	150 $\Omega$	10 k $\Omega$ Lines	-3 dBu	+17 dBu	-	-	Phone*

### STAGEPAS600i

Output Terminals	Output Impedance	Load Impedance	Output Level				Connector Type
			Nominal	Max. before Clipping	Typ at THD+N 10%	Dynamic	
SPEAKERS OUT [L,R]	<0.1 $\Omega$	4 $\Omega$ Speakers	-	-	280 W	340 W	Phone*
MONITOR OUT [L,R]	600 $\Omega$	10 k $\Omega$ Lines	+4 dBu	+20 dBu	-	-	Phone*
SUBWOOFER OUT	150 $\Omega$	10 k $\Omega$ Lines	-3 dBu	+17 dBu	-	-	Phone*

0 dBu=0.775 Vrms, 0 dBV=1 Vrms Phone\*: Unbalanced