



PORTABLE PA SYSTEM

STAGEPAS

STAGEPAS 600 BT / STAGEPAS 400 BT



All the World's Your Stage

When it comes to portable live sound solutions, it doesn't get any better than STAGEPAS. With impressive power and sound quality, intuitive control, and a comprehensive array of flexible features, now including Bluetooth wireless audio streaming, this all-in-one PA system builds on the STAGEPAS legacy of providing everything you need to transform any environment into your own personal stage.



Applications



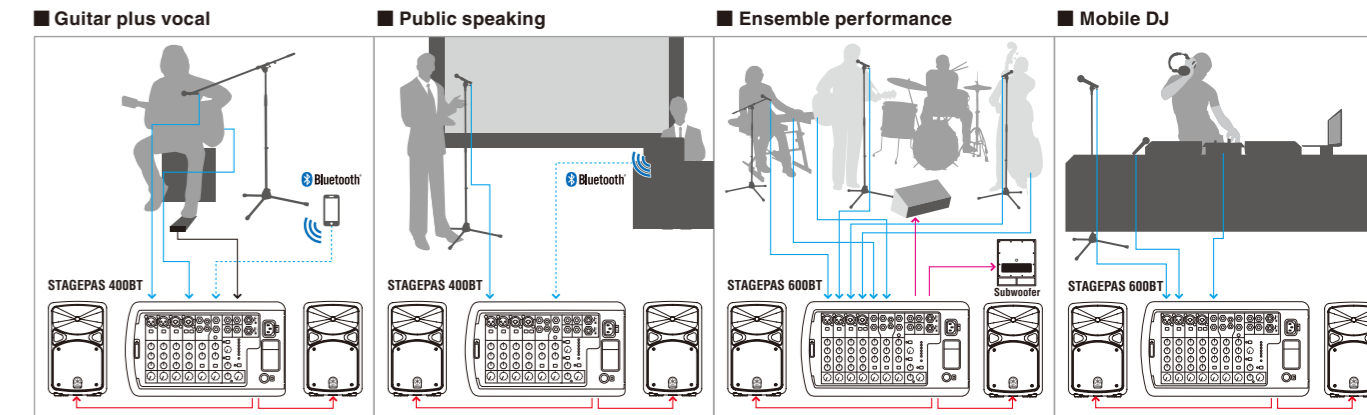
STAGEPAS 400BT

400W Class D Amplifier, 125dB Maximum SPL per speaker, 8-channel Powered Mixer, 8-inch Loudspeakers, 2-band Channel EQ

STAGEPAS 600BT

680W Class D Amplifier, 129dB Maximum SPL per speaker, 10-channel Powered Mixer, 10-inch Loudspeakers, 3-band Channel EQ

Application Examples



Specifications

| System | STAGEPAS 400BT | STAGEPAS 600BT |
|---|--|--|
| System Type | Powered mixer with 2 passive speakers | Powered mixer with 2 passive speakers |
| Maximum SPL | 125 dB SPL / speaker | 129 dB SPL / speaker |
| Frequency Range (-10 dB) | 55 Hz - 20 kHz | 55 Hz - 20 kHz |
| Power Consumption | 30 W (idle), 70 W (1/8 Power) | 35 W (idle), 100 W (1/8 Power) |
| Power Requirements | | 100 V - 240 V 50 Hz/60 Hz |
| Dimensions (W x H x D) | Speaker 289 x 472 x 275 mm, Mixer 308 x 180 x 116 mm | Speaker 335 x 545 x 319 mm, Mixer 348 x 197 x 135 mm |
| Net Weight | 18.3kg (40.3lbs) (2 x Speaker 7.7kg + Mixer 2.9kg) | 25.6kg (56.4lbs) (2 x Speaker 10.9kg + Mixer 3.8kg) |
| Powered Mixer | | |
| Mixer | Mixing channels: 8 | Mixing channels: 10 |
| Analog inputs | 4 mono mic / line + 4 mono / 2 stereo line | 4 mono mic / line + 6 mono / 3 stereo line |
| Bluetooth Connection | Bluetooth Ver.4.1, A2DP v1.2 Maximum Range: Approx. 10 m | Bluetooth Ver.4.1, A2DP v1.2 Maximum Range: Approx. 10 m |
| Channel EQ | 2-band (HIGH Shelving: 8 kHz, LOW Shelving: 100 Hz) | 3-band (HIGH Shelving: 8 kHz, MID peaking: 2.5 kHz, LOW Shelving: 100 Hz) |
| 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™ |
| Outputs | Phantom power: +30V (CH1, 2) | Phantom power: +30V (CH1, 2) |
| Built-in Amplifiers | Control and others: SPEAKERS OUT (L, R), MONITOR OUT (L/MONO, R), SUBWOOFER OUT (MONO) with auto HFF | Control and others: REVERB FOOT SWITCH |
| Power Rating (Dynamic) | 400W (200 W + 200 W) | 680W (340 W + 340 W) |
| Power Rating (Continuous) | 360W (180W + 180W) | 560W (280W + 280W) |
| Speaker | | |
| Type | | Two-way bass-reflex speakers |
| Transducers | LF: 8" (20 cm) cone, HF: 1" (2.54 cm) voice coil compression driver | LF: 10" (25 cm) cone, HF: 1.4" (3.56 cm) voice coil compression driver |
| Coverage Angle (Horizontal x Vertical) | | 90° x 60° |
| Floor Monitor Angle | | 50° |
| Handle | | 1 x Top |
| Pole socket | | 34.8-35.2 mm pole socket with StageLok™ |
| Accessories | | |
| Included Accessories | | Cover panel, Power cord (2m), 2 x Speaker cables (6m), 12 x Non-skid pads |
| Optional Accessories | | Yamaha BMS10A (mic stand adaptor) for mixer mount, FCS (foot switch) for reverb ON/OFF |

Yamaha Pro Audio

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Bring It

Easily carry and set up your entire system in seconds at virtually any location.



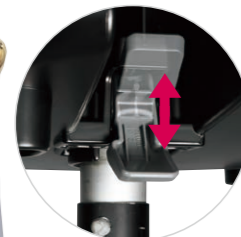
Ultimate portability

Compact and light enough to carry by hand, STAGEPAS is an all-in-one PA system that you can take literally anywhere. The two lightweight speakers and a detachable mixer, along with one pair of speaker cables and a power cord, combine into an attractive, compact package that provides the kind of portability that no roadie would ever dare to dream of.



Fast and easy set-up

With its intuitive, simple design, STAGEPAS can be set up and ready to go in a matter of seconds. Even users with no PA operation experience will be able to produce high-quality sound in under a minute.



A PA for any occasion

Flexible enough to be used in a truly impressive range of environments and applications, STAGEPAS systems can be set up in a variety of PA and monitoring configurations.



Set It

Dial in your ideal sound in no time using the intuitive yet flexible interface.



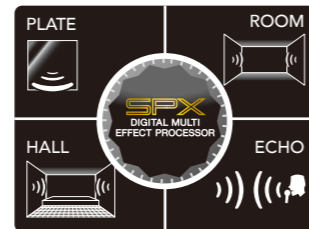
A Bluetooth

Equipped with a Bluetooth input for wireless audio streaming from smartphones or tablets, the Stagepas BT models let you seamlessly play backing tracks for gigs, or set the tone of parties, conferences, or events with the audio playback of your choice.



B SPX digital reverb

One knob gives you access to four different high-quality reverb settings, perfect for vocals and acoustic instruments. Simply turn the knob to change the reverb type and time, and then you're ready to apply just the right amount of high-resolution effect to each channel.



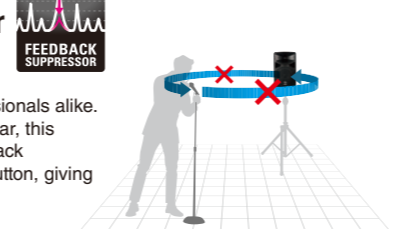
C 1-Knob Master EQ™

This function gives you instant mastery of your mix, allowing you to match your sound to your surroundings. Simply turn the knob to optimize the EQ for speaking engagements, musical performances, or just to kick in more bass; getting your sound right has never been so easy.



D Feedback suppressor

Avoid the uncomfortable feedback that plagues so many sound reinforcement novices and professionals alike. Usually found only on high-end gear, this intelligent function removes feedback automatically with the push of a button, giving you a clear, professional sound.



Mix It

Versatile features and seamless functionality ensure your mixes are always right on the money.



1 Channel EQ

Assign detailed EQ settings to each channel for precise management of your final sound. Great sounding 2-band EQ on the STAGEPAS 400BT and more flexible 3-band EQ on the 600BT make setup easy and precise. Vocal and guitar performances especially will benefit from newly added mid-range control on 600BT.

2 Hi-Z switch

Connect acoustic-electric guitars and basses to enjoy high-quality performance with low distortion. Passive pickup instruments can be connected hassle-free, without a direct box.

3 Switchable stereo/mono inputs

A versatile new feature that allows you to transform each stereo channel input into two independent mono inputs, giving you the flexibility to adapt to the needs of a broad range of performance requirements.

4 Phantom power

Connect condenser microphones directly to STAGEPAS to get the best sound quality possible. Phantom power also means you won't have to worry about DI boxes losing their charge during a performance.

5 Reverb footswitch

For hands-free control of your reverb, connecting an optional footswitch allows you to turn the reverb on and off instantly—perfect for MC-ing events or speaking during solo performances.

6 Monitor out

Expand your front-of-house system or set up a monitoring system by using the STAGEPAS together with other powered speakers such as Yamaha's DBR, DXR and DSR powered speaker lines.

7 Subwoofer out

Add more bottom end to your system by connecting a powered subwoofer such as the Yamaha DXS Series. Simply plugging in a subwoofer will assign a high-pass filter to the STAGEPAS speakers automatically.

Crank It

Turn it up with confidence that your reliable sound reinforcement system has your back.



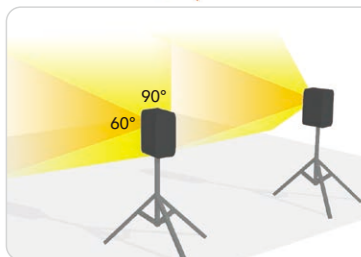
More power. More possibilities.

Delivering 680 and 400 watts of power respectively, the STAGEPAS 600BT and 400BT offer a major boost in performance, allowing you to meet the demands of a wider range of situations.



Same sonic experience throughout a wider coverage area

For use in larger spaces with a sizable audience, STAGEPAS is capable of delivering consistent high-quality sound throughout a greater coverage area than ever before with custom-designed speaker components that ensure the entire audience shares the same sonic experience.



Intelligent DSP for peak performance that lasts

STAGEPAS utilizes digital signal processing (DSP) to consistently produce high-quality, distortion-free sound at any volume level, whether you're giving a business presentation or cutting loose in a club. What's more, Yamaha's intelligent DSP incorporates the use of advanced limiter circuits to protect vital STAGEPAS components, ensuring that you get the most out of your gear for years to come.

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