

Manual abstract:

@@@This connector supplies 5V power to the connected USB device. This connector does not support digital playback from USB devices other than the iPod/iPhone. For playback of such devices, use appropriate stereo mini or RCA pin connectors. Caution • Use a genuine Apple Dock Connector USB Cable for the iPod/iPhone connection. • Please do not use a USB hub. 4 Connect desired devices, such as a microphone, or an instrument to the input jack of the mixer. Refer to the illustration on the mixer shown below or the connection example of the cover panel of the accessory compartment. Owner's Manual Introduction Thank you and congratulations on your purchase of the Yamaha STAGEPAS 600i Portable PA System. The STAGEPAS 600i is an all-in-one PA system, consisting of two speakers and a powered mixer. In order to get the most out of your new STAGEPAS 600i and its sophisticated functions, we suggest you read through this manual thoroughly.

Also keep it in a safe place for future reference. 1 2 3 Press down the REVERB switch to turn it on. The LED lights when REVERB is on. Long Short 6| UBWOOFER OUT jack S This is for connection to a powered subwoofer, and outputs a mono signal. If this jack is in use, the low frequencies below 120Hz to the SPEAKERS L/R jacks will be cut.

The output level is linked to that of the MASTER LEVEL control (C). Position the REVERB TYPE/TIME control to the desired reverb type and time (length). Turning the control toward the right lengthens the time of the selected reverb type. Use the REVERB control to adjust the reverb amount of the corresponding channel. If necessary, repeat steps 2 and 3 to determine the optimum reverb setting.

Main Features • 600 watts power amplifier for versatility in a wide variety of performance applications. • 10-inch two-way bass-reflex type speakers for high-quality, powerful sound. • 10-channel mixer features four mono mic/line and three stereo line input channels to support a wide range of inputs. • Yamaha's high-quality SPX reverb, providing optimum processing for instruments or vocals. • Feedback Suppressor, which automatically cuts and prevents undesirable feedback noise. @@@@Channels 3 and 4 provide combo jacks that support both XLR and phone plugs.) PHANTOM (CH1/2) switch /LED When this switch is on, the LED lights indicating that phantom power is available for channels 1 and 2. Turn this switch on to supply power to condenser microphones or a DI (direct box). Quick Start Guide Connecting the speakers and the mixer Equalizer XLR phone Caution Follow the important precautions below, in order to prevent noise and possible damage to external devices and the unit when you operate this switch. • Be sure to leave this switch off if you do not need phantom power, or when you connect a device that does not support phantom power to channels 1 or 2.

• Do not connect/disconnect a cable to/from channels 1 and 2 while this switch on. • Turn the LEVEL control of the channels 1 and 2 to the minimum before operating this switch. 2 MIC/LINE switches (channels 1-4) For low-level signals (including microphones), set the switch to the MIC (N) position. For high-level signals (including electronic instruments and audio equipment), set the switch to the LINE (O) position. 1 Slide the mixer's lock in the direction of the arrow (shown below), and then remove it from the speaker. 3 Hi-Z switch (channel 4) This switch is used when connecting a device directly to the mixer without a DI (direct box)—for example, instruments with passive pickups, such as an acoustic-electric guitar or electric bass without battery. This function is effective only for the phone jack input. 4 Line (stereo) input jacks (channels 5/6, 7/8, 9/10) 7 Set the MIC/LINE switch to the MIC (N) position for microphone connection, and to the LINE (O) position for connection of an instrument or audio device. Connect line-level devices such as electronic instruments, acoustic-electric guitars, CD players, and portable audio players. These jacks support phone, RCA-pin, and stereo-mini plugs.

RCA-pin stereo-mini ! MONITOR OUT control Determines the signal level output from the MONITOR OUT jacks (5). The MASTER LEVEL control does not affect the MONITOR OUT signal. NOTE For the channel 7/8 input, if both phone and RCA-pin jacks are used at the same time, the phone jack will take priority. For the channel 9/10 input, if both phone and stereo mini jacks are used at the same time, the stereo mini jack will take priority. The signal from the device connected to another jack will be muted.

The music signals from iPod/iPhone (9) are always mixed to channels 9/10. @ Equalizer controls (HIGH, MID, LOW) 2 Open the cover panel attached to the other speaker, and then remove the box from inside the accessory compartment. Two speaker cables and one power cord are included in the box. 8 Turn on the power of the connected sound source (if applicable), then the mixer. The POWER LED lights.

This three-band equalizer adjusts the channel's high, mid, and low frequency bands. Setting the control to the "D" position produces a flat response in the corresponding band. Turning the control clockwise boosts the selected band. If you start getting feedback, turn the control back slightly. 6 1 2 3 4 5 7) & ! @ * (E 9 8 Accessory compartment # REVERB switch/LED When this switch is on, the LED lights indicating that you can apply reverb. This switch is off when you turn on the mixer. (Unlike other switches, this switch cannot be locked.) Cover panel 9 \$ REVERB TYPE/TIME control Set the MASTER LEVEL control to the "D" position. NOTE After the box is removed, loose items, such as the included power cord, speaker cables, owner's manual (this booklet), and an optional microphone can conveniently be stored in the accessory compartment. 3 Connect the speakers and the mixer.

Connect the mixer's SPEAKERS jack to the speakers' input jack using the included speaker cables. As shown in the illustration below, make sure to insert the speaker cables all the way inside until secure. 10 While playing your instrument or singing into the microphone, use the LEVEL control to adjust the volume of the corresponding channel. Determines the reverb type and its length. Turning the control toward the right lengthens the time of the selected reverb type.

HALL: Simulated reverb of a large space, such as a concert hall. @@ROOM: Simulated acoustic ambience of a small room.

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@Set the MIC/LINE switch to the LINE (O) position, then slowly raise the LEVEL control until the desired volume is reached. C MASTER LEVEL control Determines the volume of the signal output from the SPEAKERS L/R jacks. This allows you to adjust the overall volume without changing the relative volume balance among the various channels.

* POWER LED This LED lights when the power is turned on by pressing the power switch.



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D Vents These are the vents for the cooling fan inside the mixer. Do not block the vents when in use. **F (power) switch** For turning the power of the mixer on (O) and off (N). **Caution R** apidly turning the unit on and off in succession may cause it to malfunction.

After turning the unit off, wait for about 5 seconds before turning it on again. When the volume is too soft **SPEAKERS jack** Caution Use only the included speaker cables. Use of other cables may result in heat generation, or short circuiting. Turn the **LEVEL control** to the minimum (zero). Set the **MIC/LINE switch** to the **MIC (N)** position, then slowly raise the **LEVEL control** until the desired volume is reached.

(**FEEDBACK SUPPRESSOR switch/LED** When this switch is on, the LED lights indicating that feedback is automatically suppressed. (This utilizes a seven-band notch filter. When this switch or the power switch is off, the notch filter will be reset.) **E AC IN jack** Connect the included power cord here.

Specifications Do not open **Power Requirement** 100V - 240V 50Hz/60Hz • This device contains no user-serviceable parts. Do not open the device or attempt to disassemble the internal parts or modify them in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service person**LECTRIC SHOCK DO NOT OPEN** The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product. **CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE.**

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. The above warning is located on the bottom of the mixer. **IMPORTANT SAFETY INSTRUCTIONS** 1. 2. 3. 4. 5. 6. 7. Read these instructions.

Keep these instructions. Heed all warnings. Follow all instructidigital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices.

Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this * This applies only to products distributed by **YAMAHA CORPORATION OF AMERICA.** product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures: Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s. In the case of radio or TV interference, relocate/reorient the antenna.

If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable. If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA90620 The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries. (class B) **CH IN 1-2 XLR Power supply/Power cord** • When removing the electric plug from the device or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it. • Remove the electric plug from the outlet when the device is not to be used for extended periods of time, or during electrical storms. **XLR CH IN 3-4 3 kΩ 150 Ω Mics XLR Combo** The high sounds and low sounds are unbalanced. Are the equalizer controls raised or lowered too much? Set the equalizer controls to the center position. @@@@• Do not block the vents. @@In particular, do not place the mixer on its side or upside down.

@@In Norway: Apparatet må tilkoples jordet stikkontakt. @@@@• Do not place vinyl, plastic or rubber objects on the device, since this might discolor the panel. • When cleaning the device, use a dry and soft cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths. • Condensation can occur in the device due to rapid, drastic changes in ambient temperature—when the device is moved from one location to another, or air conditioning is turned on or off, for example. Using the device while condensation is present can cause damage. If there is reason to believe that condensation might have occurred, leave the device for several hours without turning on the power until the condensation has completely dried out. • Avoid setting all equalizer controls and **LEVEL knobs** to their maximum. Depending on the condition of the connected devices, doing so may cause feedback and may damage the speakers. • When turning on the AC power in your audio system, always turn on the mixer **LAST**, to avoid speaker damage due to the noise.

When turning the power off, the mixer should be turned off **FIRST** for the same reason. • Protective circuit (poly switch) All full-range loudspeakers are fitted with a self-resetting poly switch that protects the high-frequency driver from damage caused by excessive power. @@This should be long enough to allow the poly switch to reset. @@@@• Always turn the power off when the device is not in use. For details of products, please contact your nearest Yamaha representative or the authorized distributor listed below.

Connectors • XLR-type connectors are wired as follows (IEC60268 standard): pin 1: ground, pin 2: hot (+), and pin 3: cold (-). Dimensions Mixer 135 Unit: mm Speaker Information About functions/data bundled with the device • iPod TM, iPhone TM iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Attaching a speaker to a speaker stand 348 1 2 Attach the speaker to the speaker stand with the lock lever moved up (release position). Move the lock lever down to lock to the stand. 1 Release 2 Lock Lock lever 197 354 319 50° Screw holes for the Mic Stand Adapter BMS-10A (optional) 96 109 545 2 335 144 "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone respectively, and has been certified by the developer to meet Apple performance standards.



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Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance. □□ About this manual • The illustrations as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your device. • The company names and product names in this manual are the trademarks or registered trademarks of their respective companies. Block Diagram INPUT (CH1-2) [-56 →+16dBu] + - Pole diameter 34.8 - 35.2 REVERB R L * Use of the stand should refer to stand manufacturer's instructions.

DSP HA EQ BA LOW COMBO INPUT (CH3) [-56 →+16dBu] [-50 →+22dBu] PHANTOM (+30V) MIC/LINE(-26dB) + - HIGH MID LEVEL SP EQ (FIXED) FEEDBACK SUPPRESSOR SUM AD MASTER LEVEL REVERB BA SUM REVERB AD R L DA LIMITER AMP MASTER EQ HA EQ L SPEAKERS OUT LOW MID MIC/LINE(-26dB) COMBO INPUT (CH4) [-56 →+16dBu] [-50 →+22dBu] + - HIGH LEVEL DA AMP (-1) R REVERB ON/OFF PRECAUTIONS PLEASE READ CAREFULLY BEFORE PROCEEDING * Please keep this manual in a safe place for future reference. MASTER LEVEL HA EQ BA SUM AD REVERB DA SUM Information for Users on Collection and Disposal of Old Equipment This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC. @@@@ If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal. (weee_eu) LOW MID Hi-Z MIC/LINE(-26dB) Hi-Z(1MΩ) BA LOW HIGH LEVEL REVERB SUBWOOFER OUT (MONO) IMPORTANT NOTICE FOR THE UNITED KINGDOM Connecting the Plug and Cord WARNING: THIS APPARATUS MUST BE EARTHED IMPORTANT. The wires in this mains lead are coloured in accordance with the following code: GREEN-AND-YELLOW : EARTH DA EQ HIGH MID BA BA LEVEL BA ST/MONO REVERB ON/OFF FOOT SWITCH BA R BA EQ HIGH LOW MID BA LEVEL BA ST/MONO MONITOR OUT MONITOR OUT L(MONO) L INPUT (CH5/6) [-24 →+22dBu] WARNING Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following: Power supply/Power cord • Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it. • Only use the voltage specified as correct for the mixer. The required voltage is printed on the name plate of the mixer. • Use only the supplied power cord.

If you intend to use the device in an area other than in the one you purchased, the included power cord may not be compatible. Please check with your Yamaha dealer. • Check the electric plug periodically and remove any dirt or dust which may have accumulated on it. • Be sure to connect to an appropriate outlet with a protective grounding connection. Improper grounding can result in electrical shock.

BA EQ R BLUE BROWN : NEUTRAL : LIVE L INPUT (CH7/8) [-24 →+22dBu] As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows: The wire which is coloured GREEN-and-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol or colored GREEN or GREEN-and-YELLOW. The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED. (3 wires) BA EQ R SUM LOW EQ HIGH MID BA LEVEL BA ST/MONO L/R INPUT (CH9/10) [-24 →+22dBu] Yamaha Pro Audio global web site <http://www.yamahaproaudio.com/>

Yamaha Manual Library <http://www.yamaha.co.jp/manual/> C.S.G., Pro Audio Division ©2012 Yamaha Corporation 208MWH D*. *-01A0 Printed in China SUM EQ L DA DA USB (iPod/iPhone) R 5V 1A USB CONTROLLER .



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