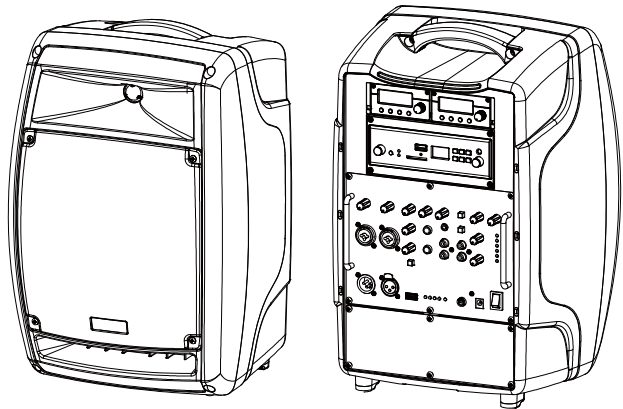


CHIAYO

Operation manual

STAGE PRO

Multifunctional Wireless Mixer Amplifier



CHIAYO ELECTRONICS CO.,LTD.

Please read and follow the instructions in this manual thoroughly to obtain optimum results from this unit. We also recommend that you keep this manual handy for future reference.

Safety Precautions

- Be sure to read the instructions in this section carefully before use.
- Make sure to observe the instructions in this manual as the conventions of safety symbols and messages regarded as very important precautions are included.

Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety hazards.



WARNING

Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.



CAUTION

Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

Make sure to observe the following handling precautions so that a fire or personal injury does not result from leakage or explosion of the battery.

- Do not short, disassemble, heat or put the battery into a fire.
- Never charge batteries of the type which are not rechargeable.
- Do not solder a battery directly.
- Be sure to use the specified type of battery.
- Note the correct polarity when inserting a battery in the unit.
- Avoid locations exposed to the direct sunlight, high temperature and high humidity when storing batteries.



WARNING

To prevent the electromagnetic wave from badly influencing medical equipment, make sure to switch off the unit's power when placing it in close proximity to the medical equipment.



CAUTION

Battery discharge naturally according to a certain pattern even not in use. For best performance and a prolonged lifespan, battery **should** be charged regularly after every use or every month when the system is in storage and not being used!

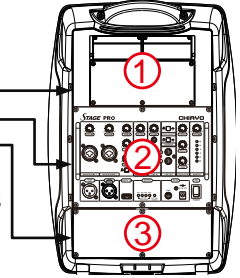
CD player optical pick up head is a very delicate device and sensitive to humidity. Please avoid using it in high humidity area to avoid damage!

Congratulations and thank you for purchasing this multi-functional wireless portable amplifier. To ensure a trouble-free operation, please read the manual thoroughly to fully understand its controls and functions.

The rear panel of this portable amplifier is divided into 3 sections:

1. The Module compartment
2. The Control Unit compartment
3. The Battery compartment

The Modules Compartment can be user configurable and user can access the battery compartment to change battery.



Without the CD player, all the versions herein can be configured with up to 4 modules, among which one can be repeater transmitter/MP3/Bluetooth module.

However, when CD is installed, only two module slots will be freed and available.

The wireless receiver/transmitter module is in the UHF PLL synthesized type with 100 preset frequencies. Some receivers are equipped with IrDA 2-ways synchronization.

Configuration

STAGE PRO may come equipped with the following:

1. AC power cord
2. 1~4 or no wireless receiver/transmitter/MP3/Bluetooth module(s).
3. 1~4 transmitters, either handheld or belt-pack transmitter (except version with no module installed).

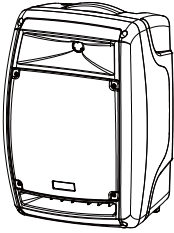
Optional accessories

1. Weather proof dust cover.
2. Single trolley bag/Dual trolley case
3. Tripod stand
4. Companion active powered speaker (Slave speaker for STAGE PRO)
5. Wired microphone.

Specifications are subject to change without prior notice.

STAGE PRO Multifunctional Wireless Mixer Amplifier

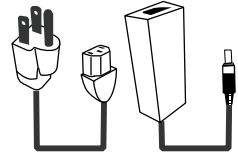
In the box



STAGE PRO amplifier



0-4 transmitters
(handheld/beltpack)



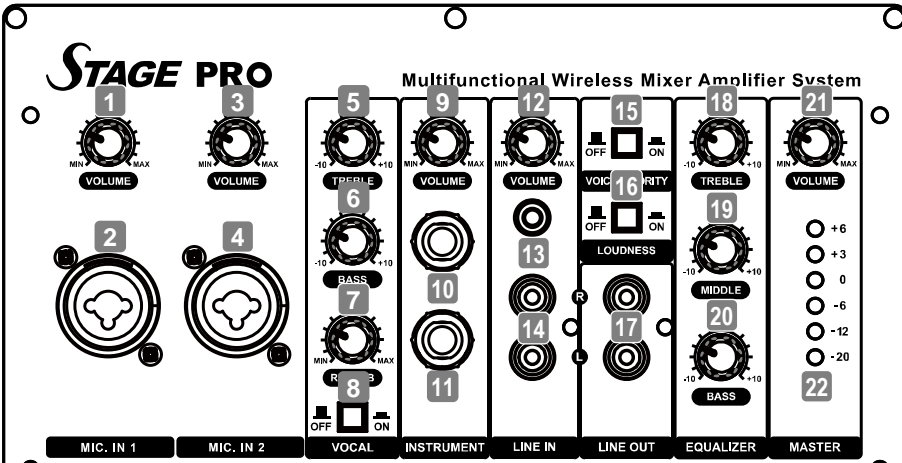
Switching power supply



operation manual

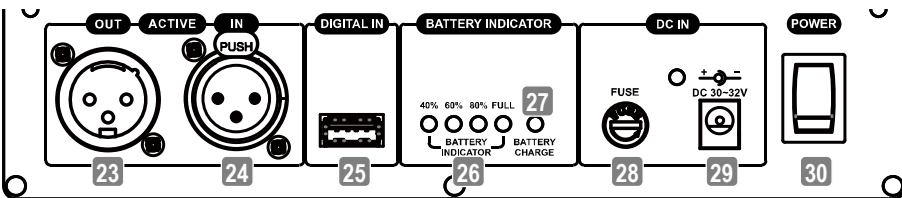
** Remark: The above specifications are subject to change without prior notice.

Parts and functions



- 1. Microphone ① volume control
- 2. Microphone input ①
- 3. Microphone ② volume control
- 4. Microphone input ②
- 5. Treble tone control (for vocal)
- 6. Bass tone control (for vocal)
- 7. Reverb control
- 8. Reverb switch
- 9. Instrument volume control
- 10. Instrument input ①
- 11. Instrument input ②

- 12. Line in volume control
- 13. Line in socket (3.5mm)
- 14. Line in socket (RCA R/L)
- 15. Voice priority switch
- 16. Loudness switch
- 17. Line out socket (RCA R/L)
- 18. Treble tone control (for music)
- 19. Middle tone control (for music)
- 20. Bass tone control (for music)
- 21. Master volume control
- 22. Master limiter indicator

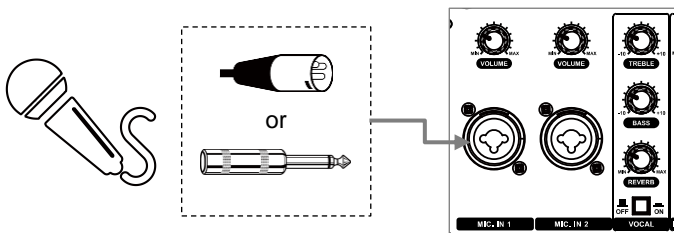


- 23. Audio link output socket
- 24. Audio link input/Monitor socket
- 25. Audio input of computer
- 26. Battery indicator

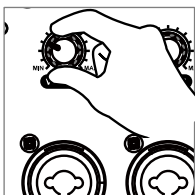
- 27. Charging indicator
- 28. Fuse
- 29. DC input jack (30-32V/4A)
- 30. Power switch

Using the wired microphone

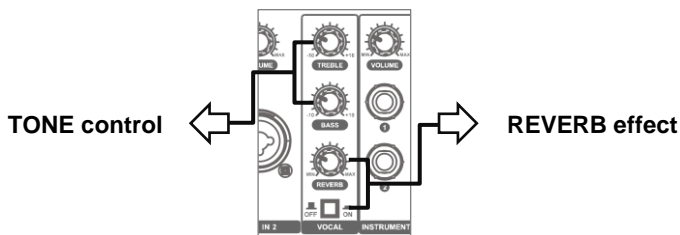
- 1 Plug a wired microphone with a 6.3mm or XLR connector to **MIC IN 1** or **MIC IN 2**.



- 2 Turn on master POWER and then adjust its individual volume control to a desired level.

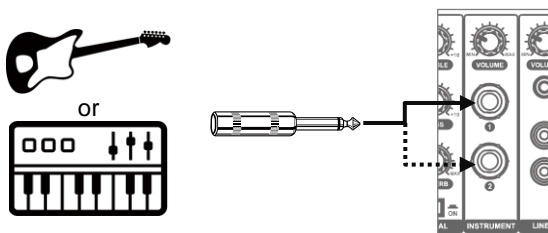


- 3 Bass /Treble tone and reverb levels can be adjusted by individual controls.

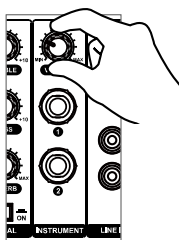


Using the electronic instrument

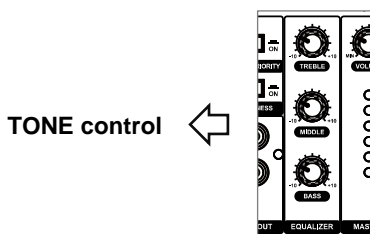
- 1 Plug an electronic guitar or keyboard with a 6.3mm plug to the **INSTRUMENT** input jack ① or ②.



- 2 Turn on master **POWER** and then adjust its individual volume control to a desired level.



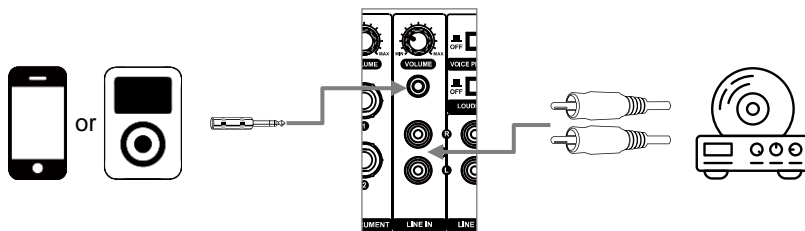
- 3 Bass/Middle/Treble tone levels can be adjusted by individual controls.



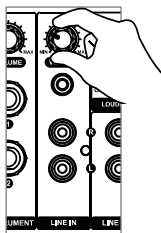
STAGE PRO Multifunctional Wireless Mixer Amplifier

Music audio input- MP3/MP4/DVD player

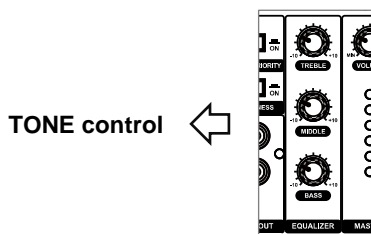
- 1** **MP3/MP4** ▶ Plug the audio cable with a 3.5mm phone plug to the 3.5mm jack.
DVD PLAYER ▶ Plug the audio cable with RCA R/L plugs to the RCA R/L jacks.



- 2** Turn on master POWER and then adjust its individual volume control to a desired level.

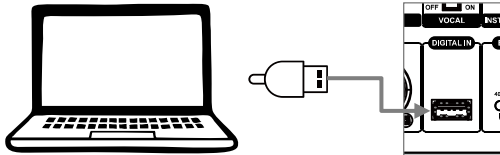


- 3** Bass/Middle/Treble tone levels can be adjusted by individual controls.

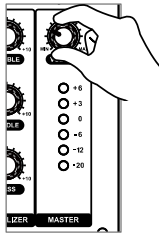


Music audio input- Computer/notebook

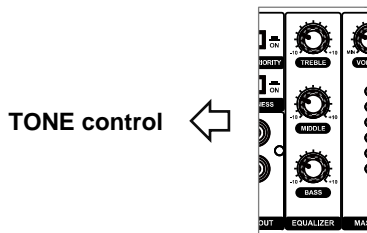
- 1 Use a USB cable to connect the unit and your PC/Notebook to make STAGE PRO the speaker of your device



- 2 Turn on master POWER and then adjust master volume control to a desired level.

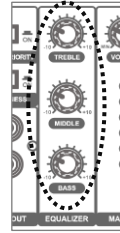
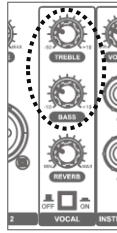


- 3 Bass/Middle/Treble tone levels can be adjusted by individual controls.



Tone control

For wired and wireless microphone(s)

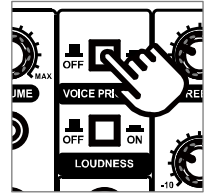


For music

Operating Voice Priority

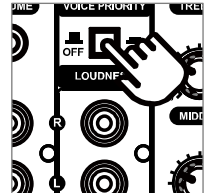
Voice Priority operation is only necessary when CD/USB/MP3 is playing. When the Voice Priority switch is ON, the ducking function will be activated. While the music is playing, a voice input from either a Wired or Wireless Microphone will temporarily override and lower the volume of the background music and voice could be heard more clearly.

Background music will return to its original setting when no audio input is entering the microphone for a certain time. However, if the microphone is not switch off, the reentering of music into the microphone will also activate the voice priority function.

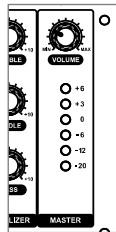


Operating Loudness

When the amplifier's sound is at low level, the tone might not be heard clearly and activating the Loudness function can raise the tone level to make it clearer.



Limiter Function

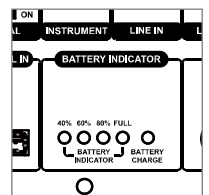


There's an interior anti-overload circuit to protect the amplifier from being damaged due to over volume output, this design will automatically lower the output when it goes over the limit.

Charging the battery

This amplifier uses either two lead-acid batteries or one lithium battery. The battery power is leveled from 40%, 60%, 80% and FULL. If the LED stays at 40%, the battery might not be sustainable for long operation.

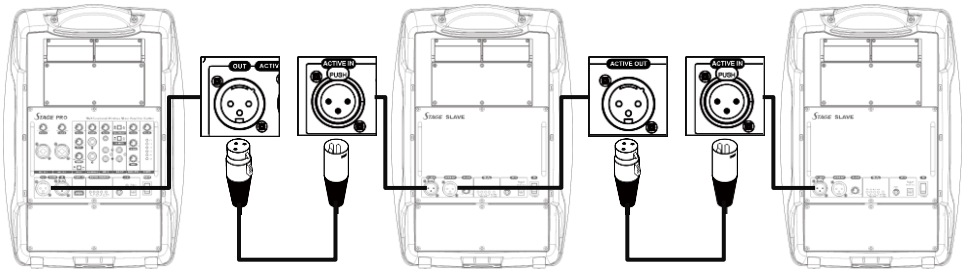
- **During recharging:** LED flashes RED
- **Fully charged:** LED grows GREEN
- **Wrong or no battery detected:** LED grows YELLOW.



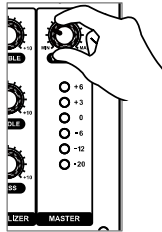
Operating active audio link

STAGE PRO could be operated as the **MASTER** unit in an audio link (wired) configuration. The Master is capable of daisy chain manner wire connecting of up to about 20 active speakers (Stage Slave).

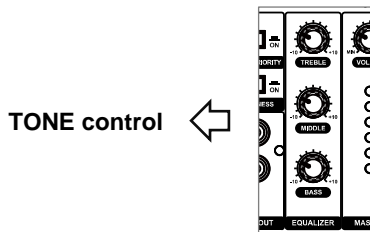
- 1 Connect the **ACTIVE OUT** of the Master to the **ACTIVE IN** of the 1st **STAGE SLAVE**. The **SLAVE**'s output jack should be connected to the **ACTIVE IN** of the 2nd **STAGE SLAVE** and so forth.



- 2 Turn on master **POWER** of EACH **STAGE SLAVE** and then adjust master volume control to a desired level.



- 3 Bass/Middle/Treble tone levels can be adjusted by individual controls.



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