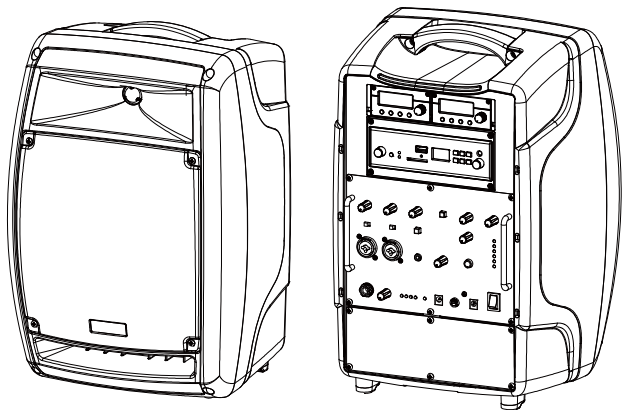


CHIAYO

Operation manual

STAGE MAN

Multifunctional Wireless Amplifier



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

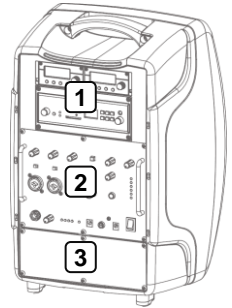
Battery discharges naturally according to a certain pattern even when not in use. For best performance and a prolonged lifespan, battery **should** be charged regularly after every use or every month when the system is in storage and not being used! CD player optical pick up head is a very delicate device 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.

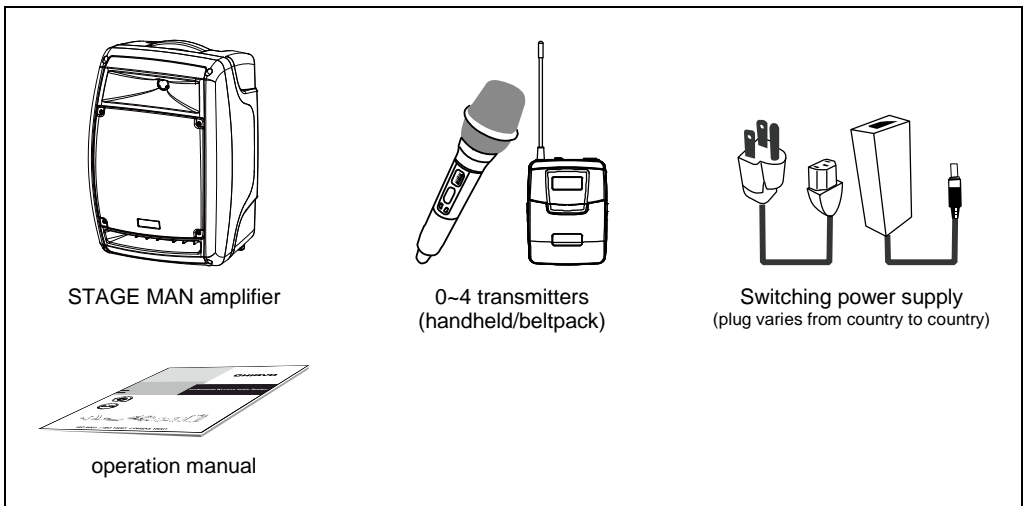
The rear panel of this portable amplifier is divided into 3 sections:

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.



In the box

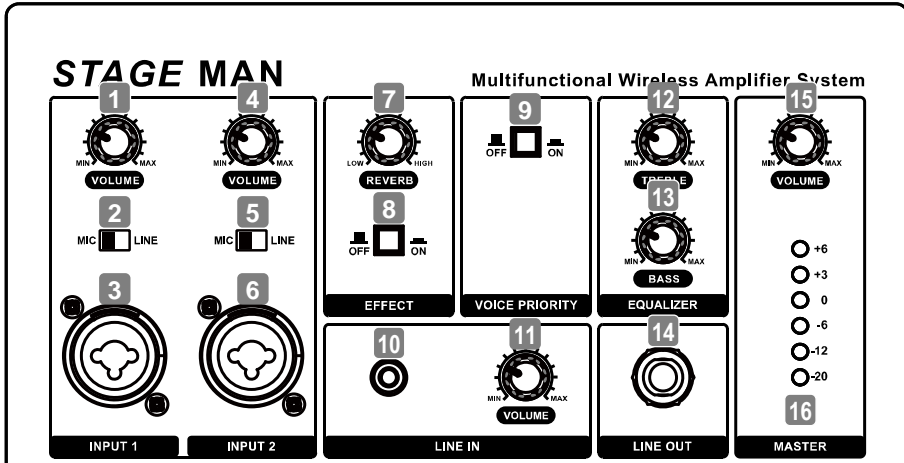


** Note: The above specifications are subject to change without prior notice.

Optional accessories

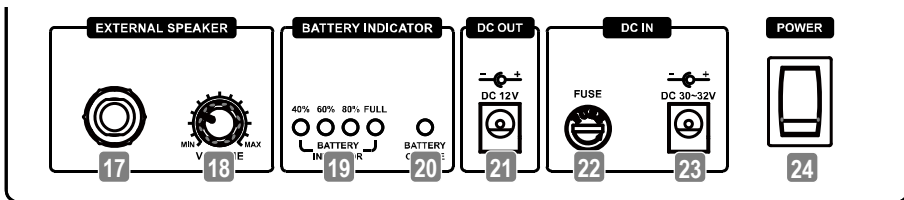
1. Weather proof dust cover
2. Single trolley bag/Dual trolley case
3. Tripod stand
4. Companion passive speaker (external speaker for STAGE MAN)
5. Wired microphone

Parts and functions



1. Microphone/Line ① volume control
2. Microphone/Line ① level switch
3. Wired microphone/Line input socket ①
4. Microphone/Line ② volume control
5. Microphone/Line ② level switch
6. Wired microphone/Line input socket ②
7. Reverb control
8. Reverb switch

9. Voice priority switch
10. Line in socket (3.5mm)
11. Line in volume control
12. Treble tone control (for all audio)
13. Bass tone control (for all audio)
14. Line out socket (6.3mm)
15. Master volume control
16. Master limiter indicator

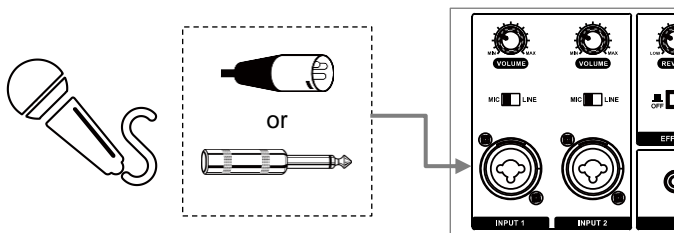


17. External speaker socket (6.3mm)
18. External speaker volume control
19. Battery indicator
20. Charging indicator

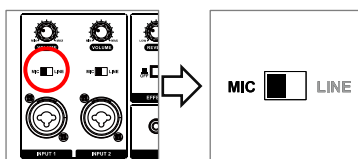
21. DC output jack (12V)
22. Fuse
23. DC input jack (30-32V/4A)
24. Power switch

Using the wired microphone

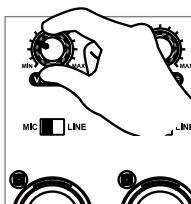
- 1 Plug a wired microphone with a 6.3mm or XLR connector to **INPUT 1** or **INPUT 2**.



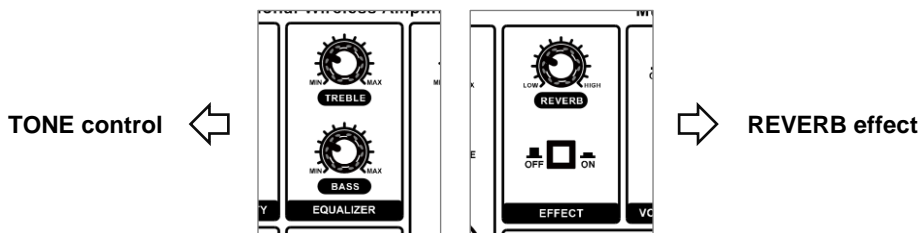
- 2 Slide the switch to **MIC** level.



- 3 Turn on master **POWER** and then adjust **MIC** volume control to desired level.

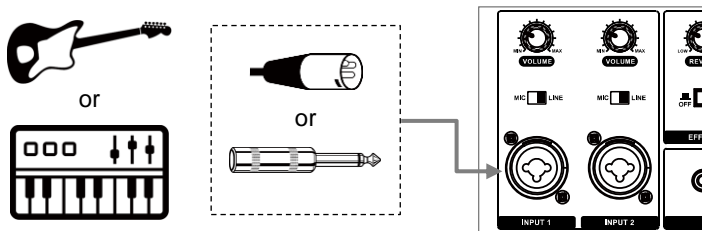


- 4 Bass /Treble tone and reverb levels can be adjusted on **EQUALIZER** and **EFFECT** areas.

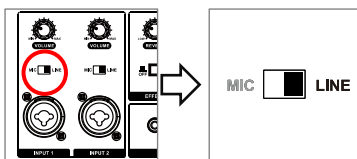


Using an electronic instrument

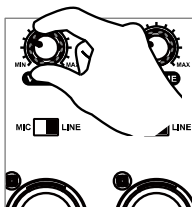
- 1 Plug an electronic guitar or keyboard with a 6.3mm plug or XLR connector to **INPUT 1** or **INPUT 2**.



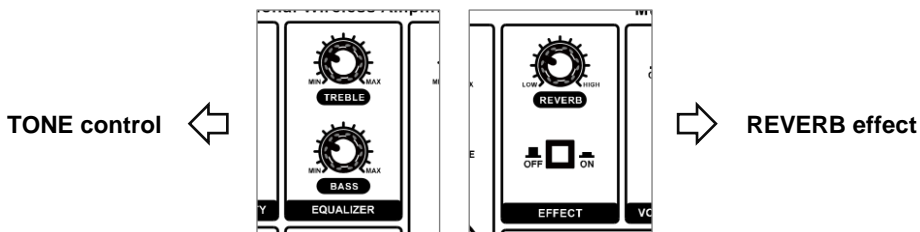
- 2 Slide the switch to **LINE** level.



- 3 Turn on master **POWER** and then adjust **LINE** volume control to desired level.

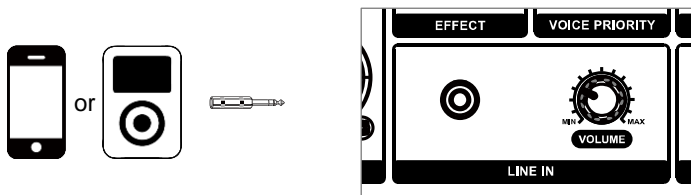


- 4 Bass /Treble tone and reverb levels can be adjusted on **EQUALIZER** and **EFFECT** areas.

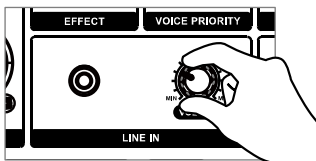


Music audio input - MP3/MP4

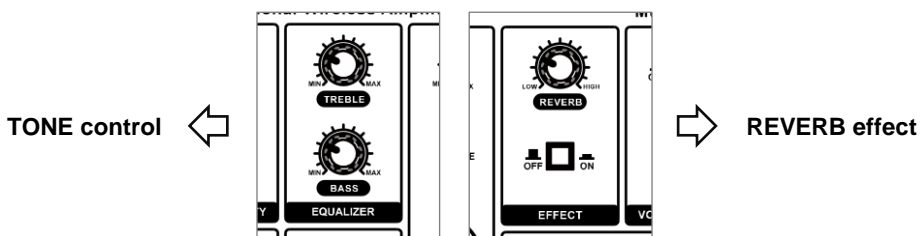
- 1 Plug the audio cable with a 3.5mm phone plug to the 3.5mm jack (**LINE IN**).



- 2 Turn on master POWER and then adjust **LINE IN** volume control to desired level.

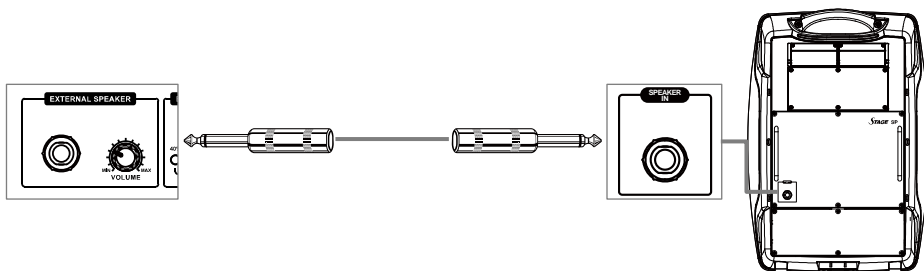


- 3 Bass /Treble tone and reverb levels can be adjusted on **EQUALIZER** and **EFFECT** areas.

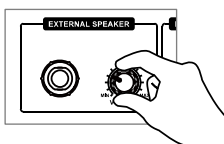


Connecting an external speaker

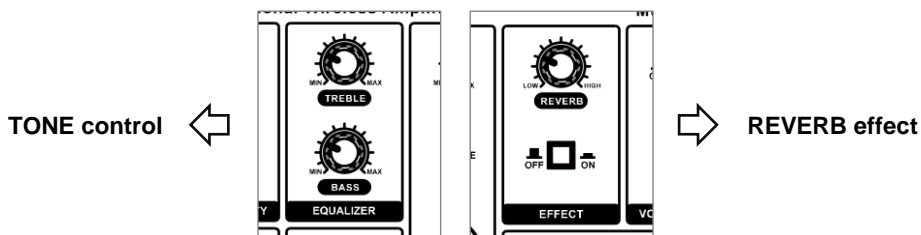
- 1 Plug the external speaker's audio cable with a 6.3mm connector to the **EXTERNAL SPEAKER** socket.



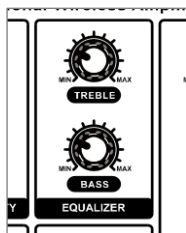
- 2 Turn on master POWER and then adjust **EXTERNAL SPEAKER** volume control to a desired level.



- 3 Bass /Treble tone and reverb levels can be adjusted on **EQUALIZER** and **EFFECT** areas.



Tone control



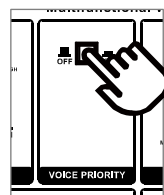
⇒ For all audio

Operating Voice Priority

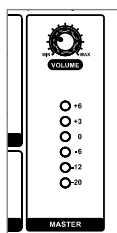
Voice Priority operation is only necessary when CD/USB/MP3 is playing. When the Voice Priority switch is ON, the ducking function will be activated. While the music is playing, voice input from either a Wired or Wireless Microphone will temporarily override and lower the volume of the background music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

Background music will return to its original setting when no audio is detected from the microphone for a few seconds.

Please Note: If the microphone is used within close proximity of the Stage Man speaker or other high level music playback the Voice Priority feature may be activated and lower the music level. It is recommended that if the microphone is not required whilst music is being played to switch off or mute the microphone.



Limiter Function

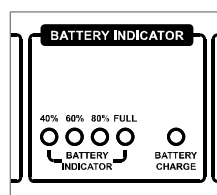


There's an interior anti-overload circuit to protect the amplifier from being damaged due to over volume output, this design will automatically lower the output when it goes over the limit.

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 turns GREEN
- **Wrong or no battery detected:** LED turns YELLOW



Maintenance-free Lead Acid battery

Guidelines for maintenance-free Batteries:

1. Battery should operate at temperatures between 15°C ~ 50°C. To ensure a longer life span, it should be kept between 5°C ~ 35°C. For optimum result, 20°C ~ 25°C will be ideal. When temperature falls 15 degrees below zero, battery will undergo some changes in its chemical contents and therefore cannot be recharged. Operating the battery at higher temperature will result in higher capacity but shorter lifespan, whereas lower temperatures operation has a longer lifespan but less capacity.
2. **If the battery is not recharged 72 hrs after it is completely used, it will be permanently damaged.**
3. When the battery is being charged, the internal gases will be electrolyzed into water at the negative charge, maintaining the battery's storage abilities with no water added. However, erosion at the charged ends of the battery will cause poor performance.
4. The battery's cycle lifespan (no. of charge and discharge cycle) is determined by the degree at which power is dissipated, especially the degree of discharged each time it is used and the recovery charging method. For normal use, the battery can be used for longer hours when less power is dissipated each time and vice versa. At 25°C, maintenance-free batteries could be charged 150 ~ 200 times at 100% discharge each time.
5. Decrease in capacity, internal short circuit, deformation in appearance, erosion of charged ends and decrease in open circuit voltage are symbols indicating battery is approaching the end of its life cycle.
6. When two batteries are used in parallel connection, the resistance of the cables should be kept equal.

Properties of the Lead Acid Battery:

1. Has no memory effect. Can be charged anytime, even when the recharge indication light is off.
2. Performance and efficiency are affected by changes in the environment, especially temperature and humidity. (Best operated between 20°C ~ 25°C)
3. Battery discharges naturally according to a certain pattern even when not in use. **For best performance and a prolonged lifespan, it should be recharged every month even when not in use.**
4. Under normal circumstances, battery could last for about a year.
5. When the battery's life expires, possible indicators include internal short-circuit, decrease in capacity, deformation in appearance, erosion of charged ends and decrease in operating voltage.

User's Precautions:

1. **For first-time use, charge the battery for 10 hrs until it is fully charged.**
2. To maintain performance and lifespan, if product has not been used for 3 months after the initial shipment, please fully charge the battery.
3. **Before each use, it's advisable to charge the battery to its full capacity.**
4. The average lifespan of the battery is one year. The user is advised to change the battery after one year of use.
5. The current consumption is in direct ratio with load current. The more current consumption, the less the operation time.
6. **Warranty will be void if the battery is not charged for a prolong period as it may lose all its charge and could never be recovered again.**

CHIAYO ELECTRONICS CO.,LTD.

Http://www.chiayo.com.tw | Email: sales@chiayo.com.tw
Office: 30, Lane 27, Section 4, Jen-Ai Road, Taipei 10685, Taiwan
Tel: 886-2-27415741 | Fax: 886-2-27525242
Factory: 88, Chung-Hsiao Street 2, Chiayi 60080, Taiwan
Tel: 886-5-2711000 | Fax: 886-5-5767611

