Operation manual

VICTORY 2000
Multifunctional Wireless Portable 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.

<table>
<thead>
<tr>
<th>WARNING</th>
<th>Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAUTION</td>
<td>Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.</td>
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</table>

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.

<table>
<thead>
<tr>
<th>WARNING</th>
<th>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.</th>
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<tbody>
<tr>
<td>CAUTION</td>
<td>Battery discharges naturally according to a certain pattern even when not in use. For best performance and a prolonged lifespan, battery <strong>should</strong> 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!</td>
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</table>
Congratulations and thank you for purchasing this all-in-one portable sound system. To ensure a trouble-free operation, please read the manual thoroughly to fully understand its controls and functions.

The rear panel of these portable sound systems is divided into 2 sections:
1. The Module compartment
2. The Control Unit compartment

In the box

- VICTORY 2000 amplifier
- 0~4 transmitters (handheld/beltpack)
- switching power supply (plug varies from country to country)
- operation manual

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

Optional accessories
1. Weather proof dust cover
2. Tripod stand
3. Companion active speaker V-SLAVE
4. Companion passive speaker V-SP
5. Wired microphone
**VICTORY 2000 Multifunctional Wireless Portable Amplifier**

### Parts and functions of VICTORY 2000

1. Microphone input ①
2. Microphone ① volume control
3. SPEECH/MUSIC selector ①
4. SPEECH/MUSIC selector ②
5. Microphone input ②
6. Microphone ② volume control
7. Line out socket (RCA R/L)
8. Line in socket (RCA R/L)
9. Line in volume control
10. TAPE volume control
11. Tone control (Bass)
12. Tone control (Treble)
13. Master volume control
14. Audio link input
15. Audio link output
16. MASTER/SLAVE switch
17. Slave volume control
18. External speaker socket
   - MASTER is muted
19. External speaker socket
   - MASTER is not muted
20. DC input jack (24-32V)
21. Fuse
22. AC input jack (100-240V)
23. Power indicator (RED)
24. Power indicator (GREEN)
25. Charging indicator
26. Power switch
27. Voice priority switch

### Parts and functions of passive speaker V-SP

- **Impedance: 4 ohm**
- **Speaker input**
- **Speaker output**
Parts and functions of V-SLAVE

1. Audio link input
2. Audio link output
3. V-SLAVE volume control
4. External speaker socket V-SLAVE is muted
5. External speaker socket V-SLAVE is not muted Tone control (Bass)
6. DC input jack (24-32V)
7. Fuse
8. AC input jack (90-260V, 5A max)
9. Power indicator (RED)
10. Power indicator (GREEN)
11. Power switch
12. Charging indicator

Charging the battery
Internally, the amplifier contains two 12V/5AH maintenance-free lead acid batteries, which have no memory effect.

VICTORY 2000
- **Battery low**: BATTERY LOW LED turns RED
- **During recharging**: CHARGING LED flashes RED
- **Fully charged**: CHARGING LED turns GREEN

Active speaker V-SLAVE
- **Battery low**: BATTERY LOW LED turns RED
- **During recharging**: CHARGING LED flashes RED
- **Fully charged**: CHARGING LED turns GREEN
Using the wired microphone

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

2. The nearby **SPEECH/MUSIC** switch filters out low frequencies from an audio signal. In **SPEECH** mode, frequencies lower than 200 Hz will be removed, thus, unwanted bass noises won’t be heard. In **MUSIC** mode, no frequencies are cut so all bass sound can be heard and recorded.

3. Turn on master POWER and then adjust the specific (either **MIC 1** or **MIC 2**) volume control to desired level.
Music audio input (e.g. DVD player)

1. Plug the RCA R/L audio cable to the LINE IN jacks.

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

3. Bass/Treble tone levels can be adjusted by individual controls.
Tone control

For music only.

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 Victory 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.
Operating active audio link - VICTORY 2000 to V-SLAVE

1 Connect the ACTIVE OUT of the VICTORY 2000 to the ACTIVE IN of a companion active speaker V-SLAVE. The first V-SLAVE could be connected to the ACTIVE IN of the second V-SLAVE and so forth.

2 Turn on master POWER of VICTORY 2000 and then adjust SLAVE volume control to desired level. The power of V-SLAVE(s) will be automatically activated as soon as the VICTORY 2000 is turned ON, regardless of whether the V-SLAVE’s power switch is OFF or ON. The V-SLAVE’s volume can be individually adjusted on its control panel.

3 Bass/Treble tone levels can be adjusted by individual controls.
Operating active audio link - VICTORY 2000 to VICTORY 2000

VICTORY 2000 can be operated as either the MASTER or SLAVE unit in a wired audio link configuration.


2. Turn on master POWER of VICTORY 2000 and then adjust SLAVE volume control to desired level. The power of slave VICTORY 2000 will be automatically activated as soon as the master VICTORY 2000 is turned ON, regardless of whether its power switch is OFF or ON. The slave VICTORY 2000’s volume can be individually adjusted on its control panel.

3. Bass/Treble tone levels can be adjusted by individual controls.
Connecting an external speaker from VICTORY 2000 / V-SLAVE

1. Plug the external speaker’s audio cable with a 6.3mm connector to the speaker input socket of passive companion speaker V-SP or an 4~8Ω load speaker. The V-SP speaker can link to another V-SP. Two V-SP maximum in each daisy link.

2. There are two output jacks for an external speaker. When connected from the LEFT one, the MASTER unit will be MUTED and only the external speaker V-SP will broadcast. When connected from the right jack, both the MASTER and V-SP will broadcast.

3. Turn on master POWER and then adjust MASTER volume control to desired level.

4. Bass/Treble tone levels can be adjusted by individual controls.
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 discharge 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 prolonged period as it may lose all its charge and could never be recovered again.

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