

AHUJA®

NBA-112B

Ultra Portable PA System



• General Description of Product/Precautions

- Elegant and compact Portable PA amplifier with max. output power 10W.
- Built-in high capacity rechargeable lithium-ion battery, 4hrs charging lasts for more than 6hrs operation.
- BT/Low Battery voice prompt message indicator.
- Strong and power full speaker, with clear and crisp sound.
- Wireless playing function like BT Connectivity to link with cell phone/PC/I-Pad to play music.
- Supplied with a wired headband microphone, a neck strap and an USB micro charging cable (for recharging the built-in rechargeable battery only).
- 3.5mm Mic input socket for connecting an external wired headband microphone.
- Ideal for teaching, tour guides, yoga classes, play schools and small group presentations.

Precautions

- Please store and use this product in a normal temperature environment.
- Do not expose this product to rain or moisture for a long time and do not through it away to avoid product damage caused by falling.
- Do not disassemble, repair or modify this product at your end.
- Please charge the power with supplied micro USB cable and with rated voltage of the main device.
- Battery should not be exposed directly to sunlight, fire or overheated environment.

Standard Packaging



Amplifier



Neck Strap



User Manual



USB Charging Cable



Headband Microphone

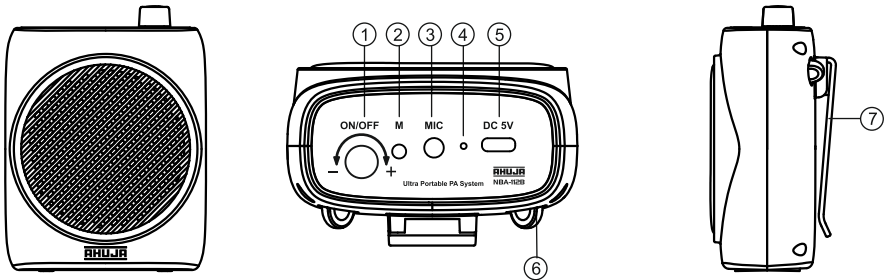


Fig. 1

1. **Power Switch with Volume Control:** To switch the unit ON, rotate the power switch from OFF to ON position. Rotate the knob with counterclockwise to adjust the volume and power OFF.
2. **M Button:** Press this button for BT enable for pairing audio devices and again press this button for BT disable or disconnected.
3. **MIC Input:** Connect supplied wired microphone with this connector to make announcement or deliver speech.
4. **LED Indicators:** The red indicator light stays ON while charging, and it will go OFF after battery is

fully charged. Then set is on solid blue led light stay ON.

5. **DC 5V/1.5A CHARGING PORT:** Charge this amplifier unit via micro USB charging cable supplied with this unit so that the built-in rechargeable battery can be charged
6. **Hanging Hooks:** Used for clamping the hanging belt through shoulder strap buckle.
7. **Belt Clip:** For hooking the amplifier unit on to the belt of the user.

• Method of Operation

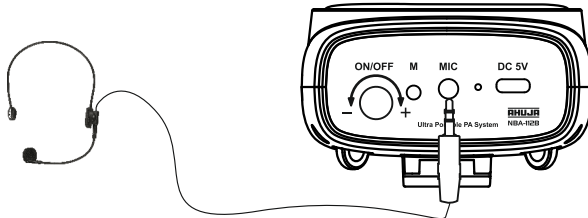


Fig. 2

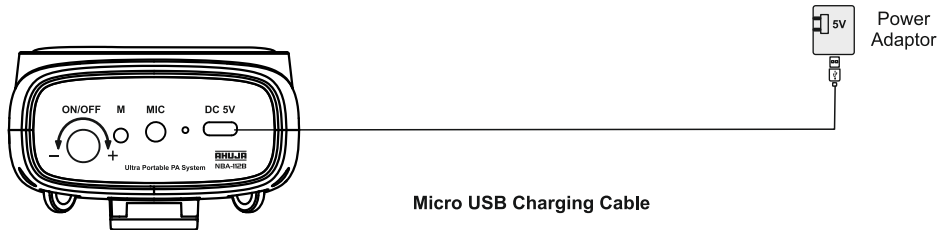
1. Insert the wired microphone to the Mic input port (see fig no. 2), rotate the knob with clockwise to Power ON and enter into speaker mode. Put on the microphone Headband set with a suitable angle (Please keep the distance 1-2cm from the microphone to your mouth).
2. Rotate the knob with counterclockwise to adjust the Volume Control and Power OFF.

3. Bluetooth Mode:

- First turn on the amplifier, then press the BT Switch for once to enter into the bluetooth mode with the voice prompt message "Bluetooth is available". On your audio device through which user wants to connect amplifier, search and click on the corresponding model name "NBA-112B" for pairing.
- After bluetooth connected to the main device, a voice prompt message is prompt "bluetooth" is Connected".
- Now user can play the music that is transmitted by your bluetooth device play from the amplifier.

Note: If the main device has successfully connected the bluetooth device once, then the main device will connect the bluetooth device automatically by next time.

• Charging Instructions



Charging Diagram

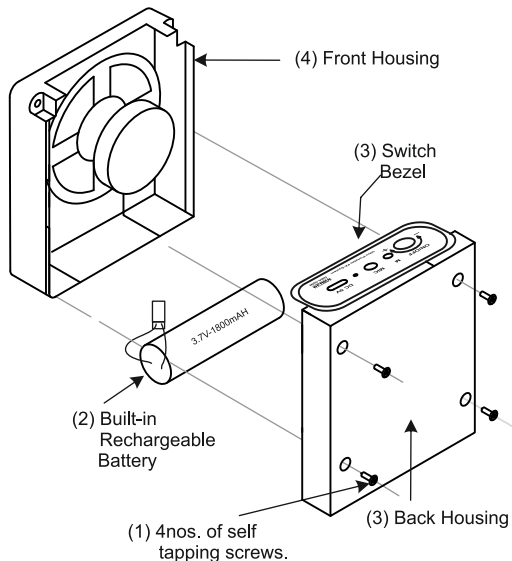
Micro USB Charging Cable can be used to connect with power bank, PC or power adaptor for charging.

NOTE: Power adapter specification DC 5V/1.5A.

1. Red LED remains lighted during charging in headworn microphone. When red LED switches OFF, it means battery is fully charged.
2. The red indicator light flashes means low power, charge through micro USB cable with DC 5V/1.5A output adaptor. The red indicator led lights on when charging, and it will automatically goes off after fully charged, then unplugged the charger.

• Replacement of Rechargeable Battery

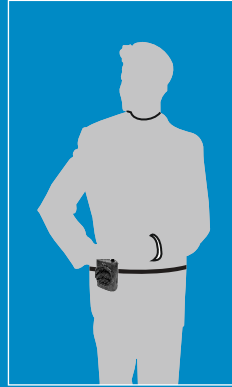
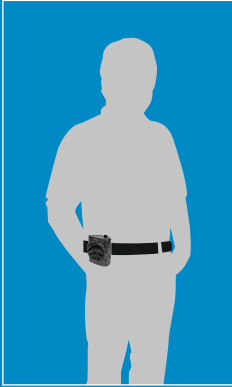
- Open the portable amplifier by unscrewing 04 nos of self tapping screws (1).
- The amplifier is now in two parts; the front housing (4) and the back housing (3).
- Now take out the built-in rechargeable battery (2) carefully from the connector of the PCB.
- Take a new battery of similar size and rating i.e., 3.7V, 1800mAh. Connect it back to the PCB connector point for the battery.
- Place the new battery in its designated location inside the back housing (3), place the back housing (3) over the front housing (4) and close the amplifier by tightening 4 nos of self tapping screws (1).
- A new rechargeable lithium-ion battery may require longer charging time for the first time.



• Specification

Model Number	NBA-112B
Maximum Output Power	10W
Output Impedance	2 Ohm
Frequency Response	180Hz ~18KHz
Charging Voltage	DC5V/1.5A
Charging Time	3-4Hours
Working Time	Music mode: 5-6hour Mic mode: 7-8 hours
Working Temperature	-10°C to 45 °C
Battery	Rechargeable Lithium-ion Battery 3.7v/1800mAh
Amplifier Unit Weight	110mm X 83mm X 53mm
Weight	256g Approx

- Design and Specifications are subject to change without notice owing to continuous product upgradation.
- Technical specifications are subject to production tolerances.



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