

# NBA-30WL



Headband Microphone



Neck Strap



USB Charging Cable



Back Clip

- ♦ Thank you for purchasing the AHUJA Portable PA System.
- ♦ Please read this manual thoroughly before turning ON the power.  
Following the instructions in this manual will enable you to obtain optimum performance from your new AHUJA Portable PA System.
- ♦ Please retain this manual for future reference.

## • Safety Instructions

**Read the Instructions:** Please read all the instructions in this section carefully before installation or use of the product. All the safety instructions must be followed.

**Retain the Instructions:** Please retain this Instruction Manual for future reference.



This symbol, wherever it appears adjacent to a component, alerts you that the concerned component can only be replaced by another of the exact same specifications.

### WARNING

- Do not remove front & back cover. No user serviceable parts inside. Refer all servicing to qualified personnel only.
- Before replacing any component, make sure the set is switched off and disconnected from the AC mains or any other power source. Replace a fuse/critical components only with another of exactly same specification.

### CAUTIONS

**Water & Moisture:** Do not expose this set to rain or moisture. Do not use this set near water or in a wet location. Do not insert or remove the AC mains plug of the AC adapter with wet hands.

**Power Source:** The voltage & frequency of the AC mains supply, to which this set can be connected, is marked on the AC power adapter. Do not connect this set to any power source other than those specified.

**USB Cable Protection:** Do not cut, kink, damage or modify the charging cable supplied along with. Keep the cable away from heaters and harmful chemicals. Do not keep any heavy object on the cable.

**Stability:** This set is meant to be held around the neck or over the shoulder by means of the strap provided with the set. Make sure the strap is firmly attached. Also a clip is provided for fixing the set onto the belt of the user. Do not use attachments which are not supplied or explicitly recommended by the manufacturer.

**Battery:** Battery should be replaced only by an authorised Ahuja Dealer.

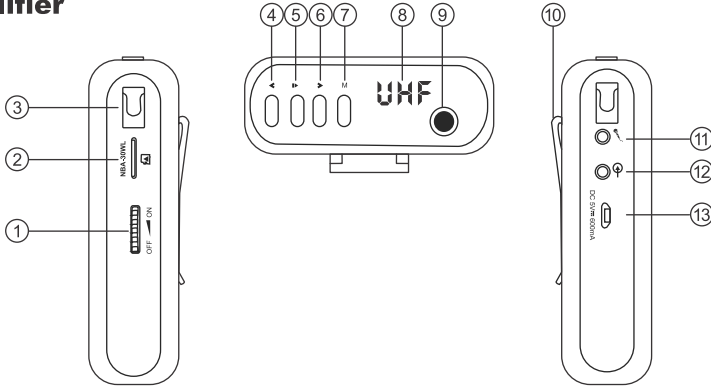
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

**Cleaning:** Disconnect from the AC Adapter before cleaning. Clean with a damp cloth, but do not allow any liquid to enter the set. Do not clean with liquids or aerosols.

## • Features / General Description of Product

- 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 10hrs operation.
- UHF wireless transmission technology, long operation range.
- Compact headworn microphone. Comfortable even if worn for a long time.
- Rear earth material speaker, light weight, wonderful sound, high volume.
- Wireless playing function to link with cell phone/PC/I Pad to play music.
- TF card for audio playing in MP3/WAV format.
- Recording function to record audio file in WAV format.
- FM function, automatically searching stations, saving more than 50 channels.
- Supplied with a 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 the headband microphone and a 3.5mm Line input socket for connecting a DVD, CD or an MP3 player.
- Ideal for teaching, tour guides, yoga classes, play schools and small group presentations.

### Amplifier



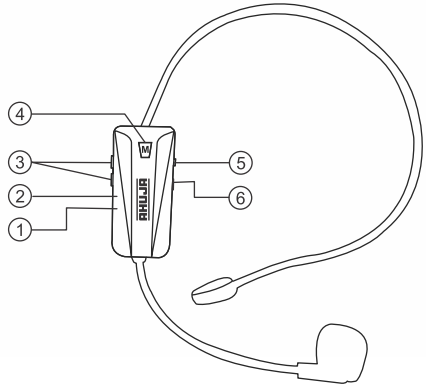
1. **Power Switch with Volume Control:** To switch the unit ON, rotate the power switch from OFF to ON position. After switching ON, rotate the volume control to adjust the sound output level from the unit.
2. **TF Card Port:** For inserting a TF card in the direction as printed on the panel.
3. **Hanging Hooks:** Used for clamping the hanging belt through shoulder strap buckle.
4. **◀:** Press this button to select the previous track or channel (In FM Mode).
5. **▶||:** Press Play/Pause once to Pause when music is already playing. Press Play/Pause again to resume playing. Long Press this button for auto tuning the channels in FM mode.
6. **▶:** Press this button to select the next song or next channel (In FM Mode).
7. **'M' Button:** Press this button to switch operation mode like Bluetooth mode, FM mode, when connecting with aux source or inserting TF card it also displays aux mode or TF card mode. In TF card mode, recording can be done by long pressing this 'M' button. There will be a 'recording mode' announcement and recording timer '00:00' will start. Again press this 'M' button to stop and save the recording.
8. **LED Display:** It displays operation mode and battery status mode. When amplifier is ON.
9. **Antenna:** It is used to increase the FM signal. Pull the antenna to its full length for better effect.
10. **Belt Clip:** For clipping the amplifier on to the belt of the user.
11. **Mic Input Connector:** Connect a microphone with this connector for make announcement or speech.
12. **AUX input Connector:** It connects with playing equipments via 3.5mm audio cable ie. Cell Phone, Ipad, DVD player so that this amplifier can be used as active speaker.
13. **DC Input Socket:** Charge this amplifier via micro usb charging cable supplied with this unit so that the built-in rechargeable battery can be charged. Charge the battery immediately after purchase of this set.

## • Usage Tips

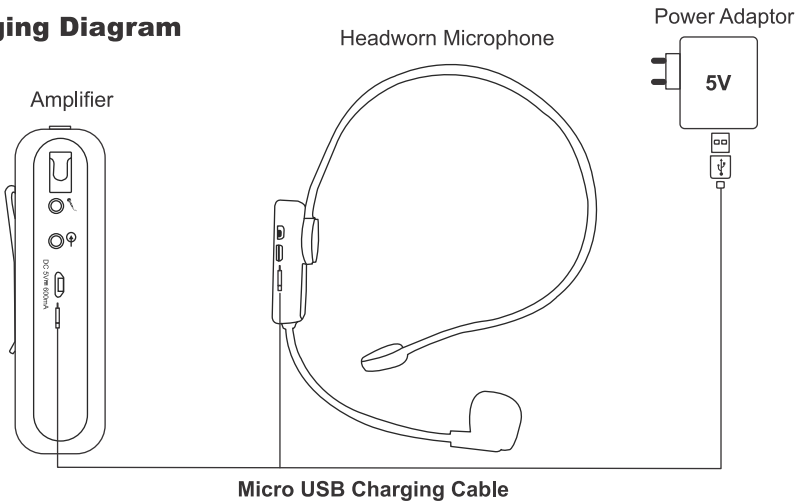
- The amplifier runs on its built-in rechargeable lithium-ion battery. The AC power adapter is only required for recharging this battery from time to time.
- The MIC IN socket is meant only for condenser microphones like the headband microphone supplied with this set or Ahuja models CTP-10DX / UTP-30. CTP-10DX/UTP-30 microphones, if used, should be without their cell compartment. DO NOT connect any dynamic microphone.

## Headworn Microphone

1. **Matching/Power LED:** When blue LED lights up it means headworn power supply is used. When this blue LED flashes quickly it means it is in matching status.
2. **Charging LED:** Red LED lights up during charging, When the red LED switches off, it means it is fully charged.
3. **Volume adjusting keys:** Press (+) to increase the volume and press (-) decrease the volume.
4. **'M' (Matching Button):** For wireless microphone frequency matching, keep first wireless microphone 'ON' and press 'M' button for 3 or 4 second then see blue LED will flashes quickly now release 'M' button and quickly turn on portable amplifier for matching frequency.
5. **Power Switch:** Press it to ON to turn on and OFF to turn off.
6. **Charging Connector:** Charge the headworn microphone via micro USB charging cable supplied alongwith.



## Charging Diagram



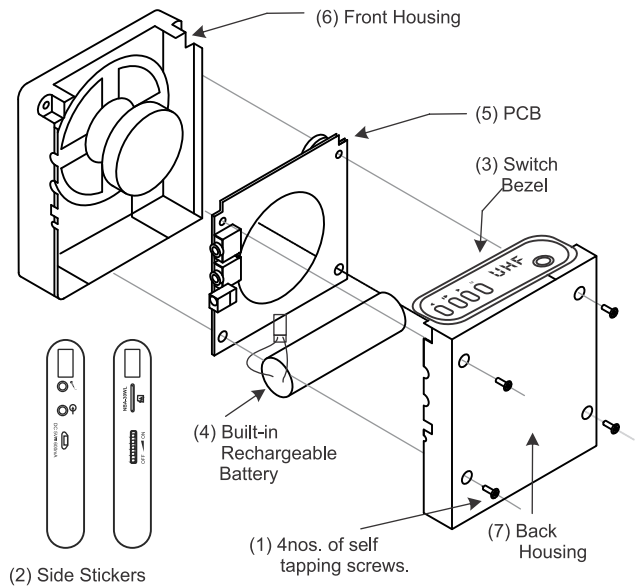
Micro USB Charging Cable can be used to connect with power bank, PC or power adaptor for charging.

**Note:** Power adapter specification DC 5V/600mA: 5V/1A, 5V/2A.

1. Red LED remains lighted during charging in headworn microphone. When red LED switches OFF, it means battery is fully charged.
2. If the battery power symbol is not flashing on display of amplifier it means the battery power is sufficient. If the battery power symbol flashes it means the battery power is low, please recharge in time.

## • Replacement of Rechargeable Battery

- Open the portable amplifier by unscrewing 04 nos of self tapping screws (1) and remove side stickers.
- The amplifier is now in two parts; the front housing (6) is with the speaker, PCB (5) and the rechargeable battery (4).
- Now take out the built-in rechargeable battery (4) carefully from the connector of the rechargeable battery from the PCB.
- Take a new battery of similar size and rating ie., 3.7V, 2000mAh. Put back to the PCB battery connector point.
- Place the new battery in its designated location inside the Front housing (6). Replace the PCB by sliding it in the switch bezel (3), place the front housing (6) over the back housing (7) 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.



## • Specifications

<b>AMPLIFIER</b>	
<b>Power Output</b>	10W Max
<b>Speaker Impedance</b>	4Ω
<b>Frequency Response</b>	80-12,000Hz
<b>Frequency Band</b>	630MHz to 890MHz
<b>MP3 Playback</b>	TF Card (64GB max.)
<b>Charging USB</b>	5V, 600mA
<b>Built-in Rechargeable Lithium-ion Battery</b>	3.7V, 2000mAh
<b>Dimensions</b>	W113 × H84 × D44 mm
<b>Weight (with built-in rechargeable battery)</b>	200g approx.
<b>HEADBAND MICROPHONE ELEMENT</b>	
<b>Cartridge</b>	Electret condenser, unidirectional
<b>Frequency Response</b>	60Hz to 16kHz
<b>Built-in Rechargeable Lithium-ion Battery</b>	3.7V, 400mAh
<b>Dimensions</b>	W86 × H98 × D44 mm
<b>Weight (with built-in rechargeable battery)</b>	40g approx.

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

## AHUJA RADIOS

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