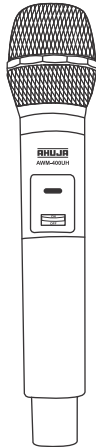
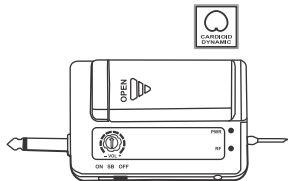


# ABW-400UH



Handheld Transmitter



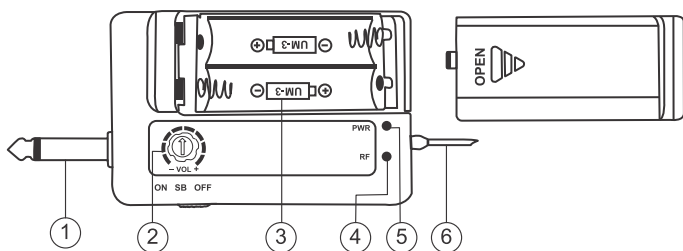
Receiver

## FEATURES

- Elegant & affordable high performance single channel wireless microphone available in different frequencies.
- Volume control knob on the front panel of the receiver.
- One handheld dynamic transmitter, operating on 2 × 1.5V AA pencil cells.
- Output through 6.3mm (¼") jack socket is available from the receiver.
- Receiver operates on 2 × 1.5V AA pencil cells.

- 
- ❖ Thank you for purchasing the AHUJA Professional PA Wireless Microphone.
  - ❖ Please read this manual thoroughly before making connections and turning on the power. Following the instructions in this manual will enable you to obtain optimum performance from your new AHUJA Professional PA Wireless Microphone.
  - ❖ Please retain this manual for future reference.

## • Receiver: Front Panel Controls & Features



### 1. Mixed Audio Output

Unbalanced mixed audio output is available through a 6.3mm (1/4") phone jack. This can be fed to the microphone input of an amplifier.

### 2. Volume Control for audio output

It is used for varying the output of the receiver.

### 3. Battery

Push the battery cover on right side (as shown) to open the cell compartment of cell housing for fixing 2nos. x 1.5V 'AA' pencil cell in correct polarity, as marked on the housing.

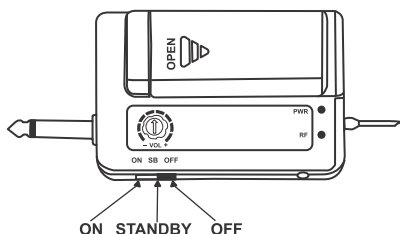
### 4. RF LED

The Green LED glows when the receiver is ON and microphone is also ON.

### 5. PWR LED

This green LED flickers once when receiver is switched ON. This LED also flickers to indicate the reception of adequate audio signal in the receiver.

### 6. Antenna



### Switch

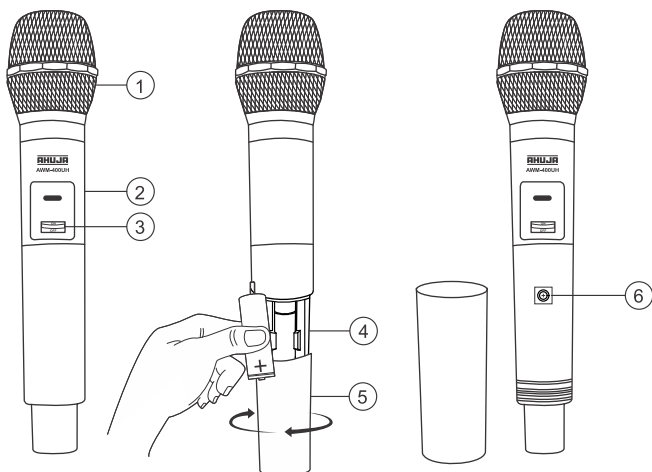
Slide switch has three positions:

- At the right position, the mic transmitter is completely OFF.
- At the center position, the mic transmitter sends only the RF signal, which is indicated by a single flick of the red mic transmitter battery indicator and the glowing of green LED on the receiver. Audio signal is not transmitted.
- At the left position, the mic transmitter also sends the audio signal. While speaking into the mic transmitter, ensure that the mic transmitter switch is in ON position.

## Usage Tips

- Use only standard, good quality batteries.
- The receiver antenna should not touch any metal and reflecting surface.
- Transmitter should always be at least 5m away from its own or any other receiver. This will be helpful in reducing interference problems.
- Always keep receiver away from metal and other reflecting surfaces and obstructions.

## • Handheld Transmitter Controls & Features



- 1. GRILL:** Hardened meshed grill with anti-roll metal ring in non-reflective black finish.
- 2. LED:** When transmitter is switched on, LED glows.
- 3. ON/OFF Switch:** Push the switch forward (upwards in the above picture) to switch ON.
- 4. Cell Housing:** Place 2 × 1.5V pencil (AA type) cells as per the polarity marking. Make sure the cells are inserted in the correct direction.
- 5. Cover for Cell Housing:** Rotate the cover anti-clockwise to unscrew and gain access to the cell compartment which consists of a cell housing for fixing 2nos. of 1.5V AA pencil cells and a preset for adjusting audio output level from the microphone.
- 6. Preset:** Turn the preset clockwise to increase the audio output level from the microphone.

## • 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, alerts you to the presence of uninsulated hazardous voltage that may be sufficient to constitute a risk of electric shock. External wiring to any terminal marked with this symbol must be done by a trained and instructed person only.



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.

## • Safety Instructions

### WARNING

ⓘ No user serviceable parts inside the entire product. Refer all servicing to qualified personnel only.

⚠ Before service, the set must be switched off. Replace the battery only with another of exactly same specification.

### CAUTIONS

**Water & Moisture:** To reduce the risk of fire or electrical shock, do not expose this set to rain or moisture. Do not use this set near water or in a wet location. Do not keep any object filled with liquid, such as a vase, on top of the receiver.

**Stability:** The receiver must be kept in a stable and flat horizontal position, and never in a tilted position.

## • Specifications

### Handheld Transmitter

RF Output Power	10mW (Max.)
Carrier Frequency Range	632-657MHz
Frequency Stability	±0.005%
Modulation Mode	FM
Microphone Element	Dynamic, Cardioid
Frequency Response	50-15,000Hz
Power Requirement	3V (2 × 1.5V AA Pencil Cells)
Current Consumption	< 150mA
Controls	POWER ON/OFF switch
Indication	LED for microphone
Dimensions	Ø55 (L 250) mm
Weight	220g (w/o battery) approx.

### Receiver

Audio Output (Nominal)	Unbal. -10dBu
S/N Ratio	100dB
Distortion	<1%
Frequency Response	50-15,000Hz
Dynamic Range	>90dB
Power Requirement	2 × 1.5V AA Pencil Cells
Current Consumption	< 150mA
Controls	ON/OFF/SB Switch, Volume Control
Indications	LEDs for RF & Audio Signal
Dimensions	W62 × H128 × D26 mm
Weight	65g (w/o battery) approx.

**Accessories :** 4 × 1.5V Pencil (AA) Cells

**Note :** Frequency numbers depicted in product pictures are for representation purposes only. Actual frequency may vary from those shown in pictures here.

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