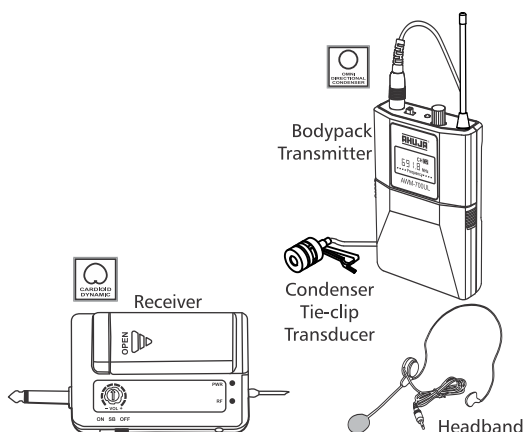


ABW-400UL

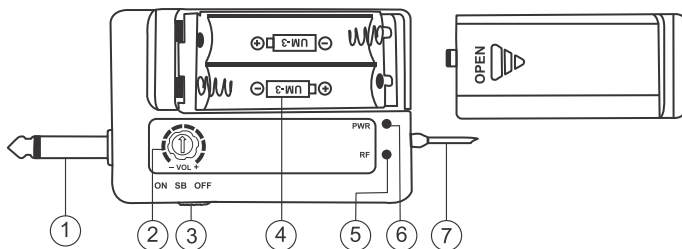


FEATURES

- Elegant & affordable high performance single channel wireless microphone available in different frequencies.
- Volume control knob on the front panel of the receiver.
- One bodypack transmitter, operating on 2 × 1.5V AA pencil cells.
- Audio Output through 6.3mm (1/4") 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

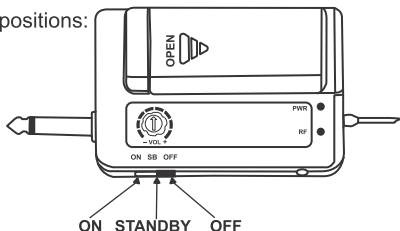
Unbalanced mixed audio output is available through a 6.3mm (1/4") phone plug. This can be fed to the microphone input of an amplifier.

2. Volume Control for audio output

It is used for varying the audio output of the receiver.

3. 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.

4. 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.

5. RF LED

The red LED glows when the receiver is ON and microphone is also ON. This LED glows to indicate the reception of adequate audio signal in the receiver.

6. PWR LED

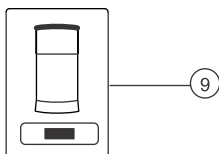
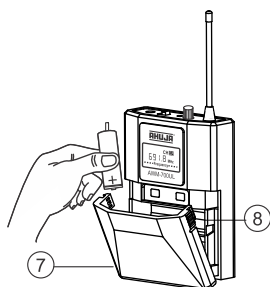
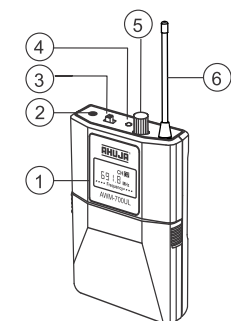
The green LED glow continuously once when receiver is switched ON.

7. Antenna

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.

• Bodypack Transmitter Controls & Features



1. **Frequency Display:** It displays the transmitter's frequency.
2. **MIC Input Socket:** This is a 3.5mm phone jack socket for connecting the condenser tie-clip transducer or headband microphone.
3. **ON/OFF Switch:** The two position slide switch is put ON to allow the transmission of RF & audio signal from the bodypack transmitter. Place the switch in OFF position when the bodypack transmitter is not in use.
4. **Power LED:** The red LED glows when slide switch is in ON position.
5. **Volume Control:** For adjusting the level of audio output signal from the transmitter.
6. **Antenna**
7. **Cell Housing Cover:** For inserting 2 x 1.5V pencil cells in the bodypack, press the cell housing cover to open it and Insert the pencil cells in the housing with correct polarity. Now close the cover by pressing it towards the cell housing.
8. **Cell Housing:** Ensure that pencil cells are inserted with correct polarity.
9. **Belt Clip:** For clipping the body pack transmitter on to the belt of the user.

• 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.

• Specifications

Bodypack Transmitter	
RF Output Power	15mW (Max)
Modulation Mode	FM(F3E)
Microphone Element	Condenser, Omnidirectional
Dynamic Range	80dB
Maximum Deviation	±75kHz
Frequency Response	80-15,000Hz
Current Consumption	≤130mA
Controls	ON/OFF Switch, Volume Control
Indication	Red LED for indicating transmitter ON Frequency Display
Dimensions	W67 x H32 x D95 mm
Weight	60g (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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