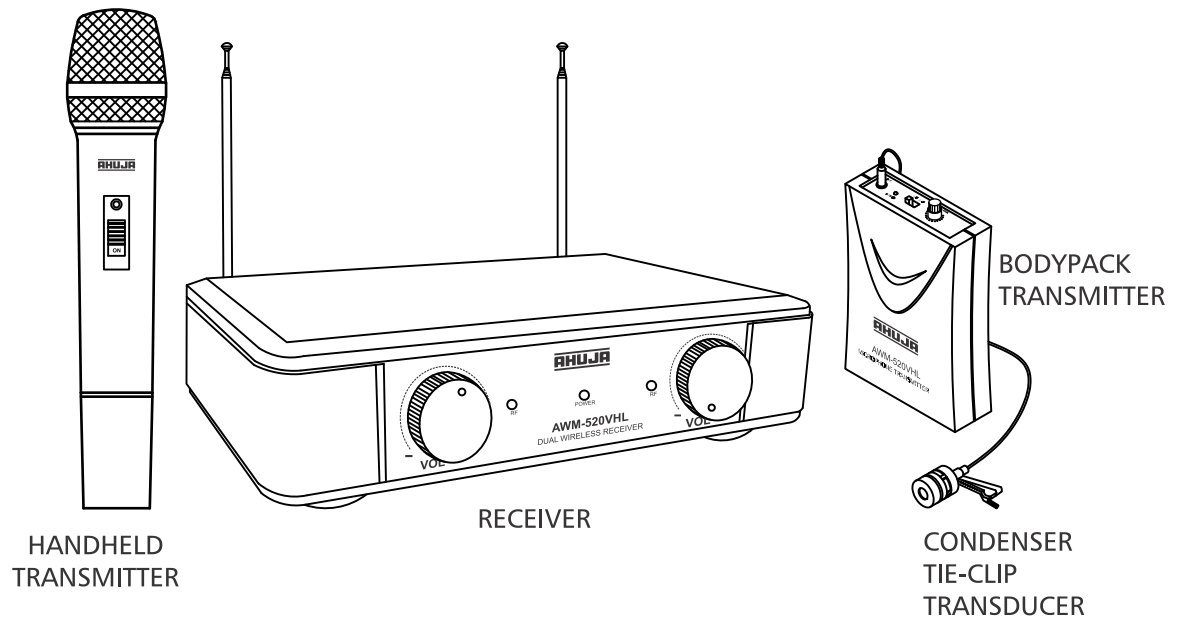


AWM-520VHL

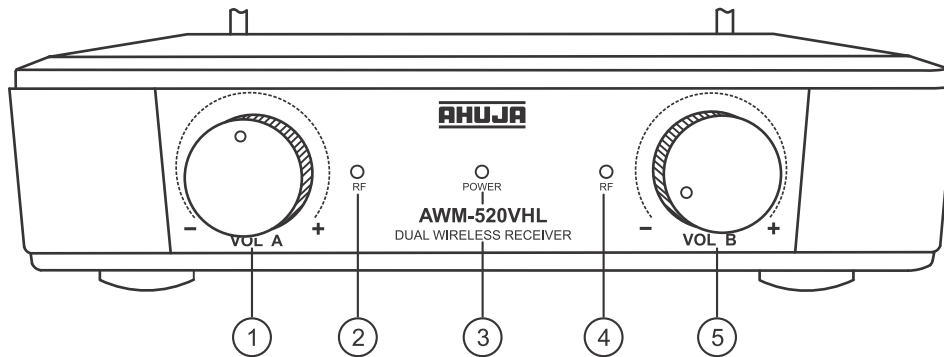


Features

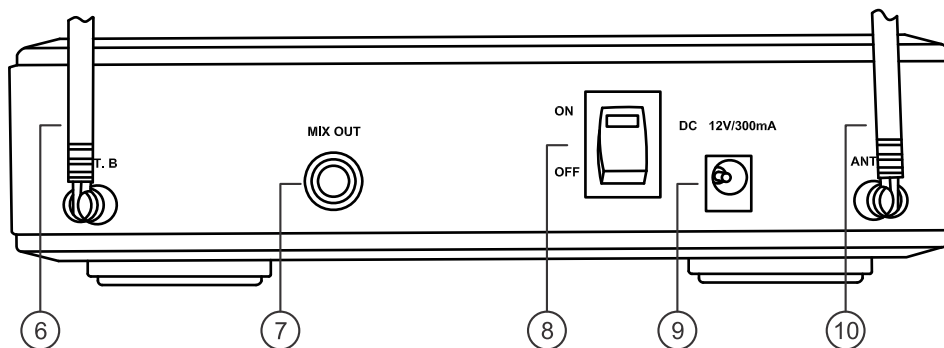
- Elegant and affordable dual channel VHF high band wireless microphone available in different frequencies.
- Consists of two transmitters: One dynamic handheld type and one condenser bodypack type with condenser tie-clip transducer.
- Separate output volume control for both channels on the front panel of the receiver.
- Power ON/OFF switch and 6.3mm phone jack for audio output on the rear panel of the receiver.

-
- ◆ Thank you for purchasing the AHUJA 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 PA Wireless Microphone.
 - ◆ Please retain this manual for future reference.

• Receiver: Front & Rear Panel Controls & Features



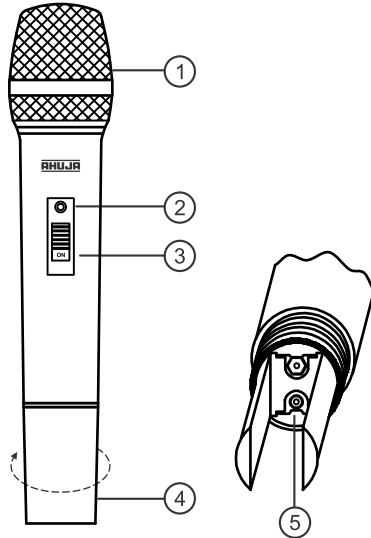
1. **Output Volume Control for channel A**
For adjusting the level of audio output signal of channel A from the receiver.
2. **RF LED for channel A**
The Green LED glows when the receiver is ON and microphone of channel A is also ON.
3. **Power ON LED**
Red LED glows when the receiver is switched ON.
4. **RF LED for channel B**
The Green LED glows when the receiver is ON and microphone of channel B is also ON.
5. **Output Volume Control for channel B**
For adjusting the level of audio output signal of channel B from the receiver.



6. **Telescopic Antenna B**
7. **Audio Output**
Unbalanced mixed audio output of channel A & B is available through a 6.3mm phone jack socket. This can be fed to the microphone input of an amplifier through an interconnecting cable (supplied alongwith).
8. **Power Switch**
Push the top part of the knob to switch ON the receiver. This is indicated by the glow of built-in red LED in the switch knob & red LED on the front panel. Push the bottom part of the knob to switch OFF the receiver.
9. **DC Input Socket**
For connecting the DC Plug of a 12V AC adaptor (supplied alongwith).
10. **Telescopic Antenna A**

• Transmitter Controls & Features

Handheld Transmitter



1. **Grill:** Hardened meshed grill with non-reflective black finish.
2. **Battery Indicator:** If the battery is able to deliver enough power, the red LED will only flicker once

and then go off, when the mic transmitter is moved from OFF position to ON position. If the power of battery is low, the red LED will glow continuously.

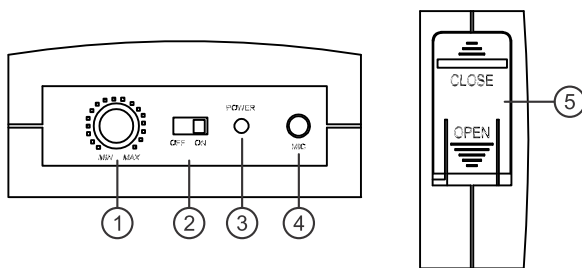
3. **Switch:** The Slide switch has three positions:

- a. At the lowest position, the transmitter is completely OFF.
- b. At the center position, the mic transmitter sends only the RF signal which is indicated by a single flick of red Battery indicator and the glowing of green LED on the receiver.
- c. At the top position, the mic transmitter also sends the audio signal. While speaking into the microphone, ensure that the transmitter switch is in top position.

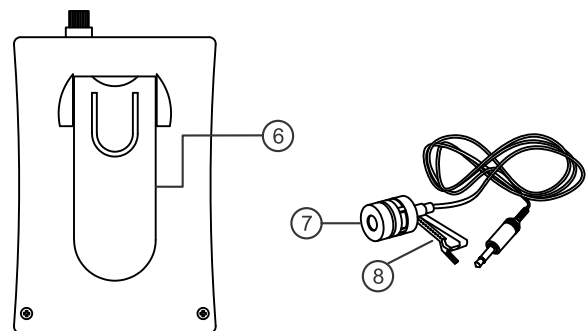


4. **Cover for 9V Battery Housing:** Rotate the cover anti-clockwise to unscrew and gain access to the battery compartment which consists of a connector for fixing 9V battery.
5. **Connector for 9V Battery:** Insert the 9V battery in correct polarity so that it get locked into this connector.

Bodypack Transmitter



1. **Output Volume Control:** For adjusting the level of audio output signal from the transmitter.
2. **ON-OFF Switch:** The two position slide switch is put ON to allow the transmission of RF & audio signal from the body-pack transmitter. Place the switch in OFF position when the microphone is not in use.
3. **Power LED:** The red LED glows when slide switch is in ON position.
4. **Input Socket:** This is a 3.5mm phone jack socket for connecting the tie-clip microphone.



5. **Slide Cover for 9V Battery Housing:** For inserting a 9V battery in the body-pack, press the battery housing cover at position OPEN & slide it down to open. Insert the battery in the housing with terminal facing up. Now close the cover by pressing it at position CLOSE and sliding it upwards.
6. **Belt Clip:** For clipping the body pack transmitter on to the belt of the user.
7. **Condenser Tie-Clip Transducer**
8. **Tie-Clip:** Clip to your dress as close to the mouth as practical.

• Specifications

TRANSMITTER	Handheld Transmitter	Bodypack Transmitter
RF Output Power	Less than 10mW	Less than 10mW
Modulation Mode	FM	FM
Microphone Element	Dynamic, Cardioid	Condenser, Cardioid
Maximum Deviation	±25kHz	±25kHz
Frequency Response	40Hz-15kHz	40Hz-15kHz
Power Requirement	9V Battery	9V Battery
Current Consumption	<30mA	<30mA
Controls	ON/MUTE/OFF Switch	ON/OFF Switch, Output Volume Control
Indication	Red LED (Momentary glow for RF ON & Permanent glow for Low Battery)	Red LED for Mic ON
Dimensions	ø 48 (L 240) mm	W63 × H33 × D100 mm
Weight	0.25kg (without battery)	0.09kg (without battery)

RECEIVER	
Frequency Stability	± 0.005%
Audio Output (Nominal)	0-50mV adjustable
S/N Ratio	>90dB
Distortion	<0.5%
Antenna Type	Telescopic
Power Requirement	220V-240V AC 50Hz for AC adaptor (supplied alongwith)
Controls	Power Switch, Output Volume Control
Indication	Red LED for Power ON, Green LEDs for RF indication
Dimensions	W200 × H55 × D155 mm
Weight	0.35kg

ACCESSORIES	1×Connection Cable, 1×AC Adaptor, 2×9V Battery
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• Usage Tips

- Use only standard, good quality batteries.
- Transmitter should always be at least 5m away from its own or any other receiver.
- For best results, the receiver antenna should be kept in vertical position and it should be visible from the mic transmitter position.
- Always keep the receiver antenna away from metal and other reflecting surfaces and obstructions.
- For optimum performance, always carry out a 'walk through' test of your wireless system in the required performing area.

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E. & O. E.