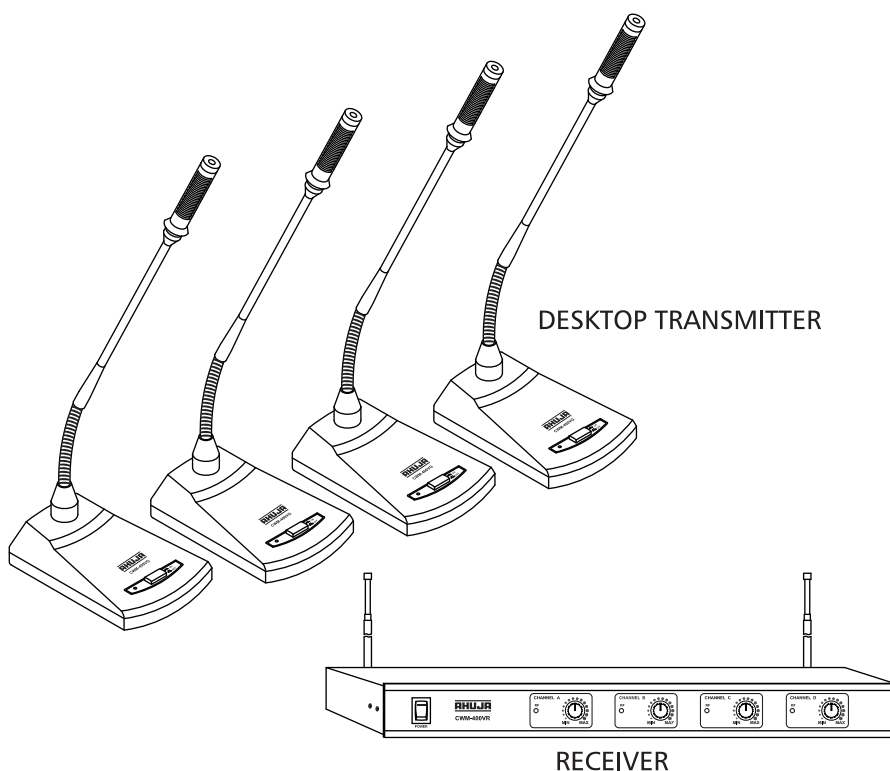


CWM-400V



For Conference & PA

Features

- Compact and elegant wireless microphone with four desktop transmitters.
- Available in different frequencies.
- Desktop Transmitters are unidirectional condenser types, fitted with gooseneck, ON/OFF switch and indicator LED.
- Sleek elegant receiver which can receive signals from upto 4 Desktop Transmitters.
- Individual output volume control and an RF LED for each channel provided on the front panel of the receiver.
- Separate 6.3mm phone jack for audio output from each channel available on the rear panel.
- Desktop transmitters operates with 2×1.5V AAA cells.
- Receiver operates on 12V DC through an AC adaptor, supplied along with.

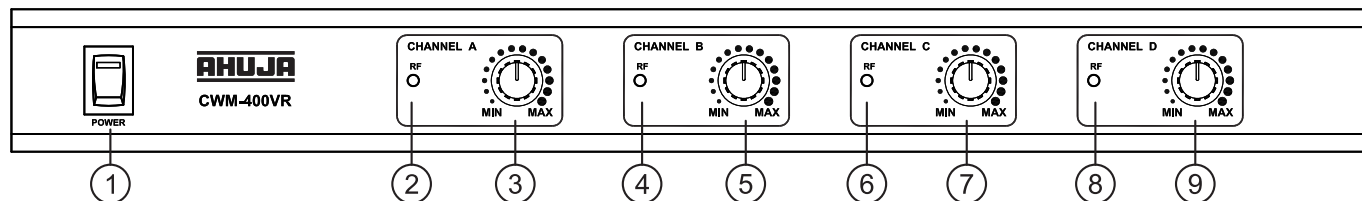
t Thank you for purchasing the AHUJA PA Wireless Microphone.

t 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.

t Please retain this manual for future reference.

• Receiver: Front & Rear Panel Controls & Features

Front Panel



1. Power Switch with LED

Power supply (12V DC) to the receiver is switched ON through the power switch. This is indicated by the glowing of red LED which is built into the switch knob.

2. Channel A : RF LED

This green RF LED glows to indicate the reception of RF signal from its mic transmitter of channel A.

3. Channel A : Output Volume Control

For adjusting the level of audio output signal from channel A of the receiver.

4. Channel B : RF LED

This green RF LED glows to indicate the reception of RF signal from its mic transmitter of channel B.

5. Channel B: Output Volume Control

For adjusting the level of audio output signal from channel B of the receiver.

6. Channel C: RF LED

This green RF LED glows to indicate the reception of RF signal from its mic transmitter of channel C.

7. Channel C: Output Volume Control

For adjusting the level of audio output signal from channel C of the receiver.

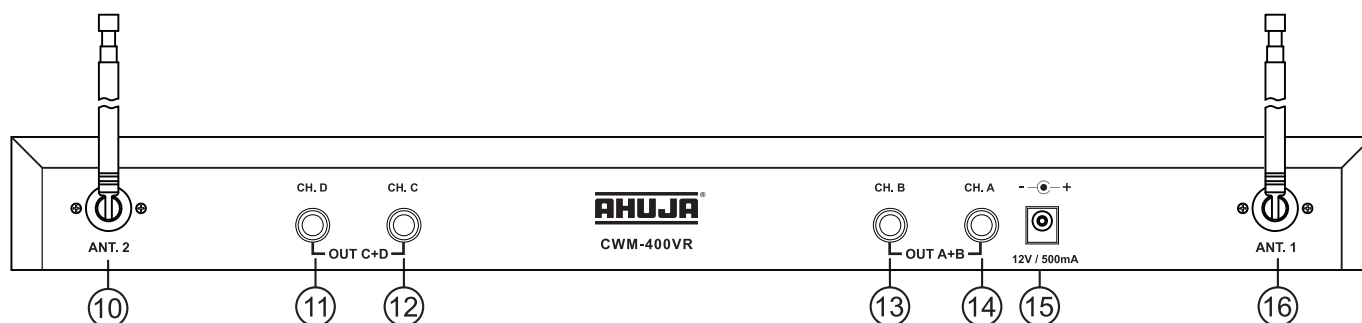
8. Channel D: RF LED

This green RF LED glows to indicate the reception of RF signal from its mic transmitter of channel D.

9. Channel D: Output Volume Control

For adjusting the level of audio output signal from channel D of the receiver.

Rear Panel



10. Telescopic Antenna 2

For receiving the signal for both channels C & D.

11. Channel D: Audio Output

Unbalanced audio output of channel D is available through a 6.3mm phone jack socket.

12. Channel C: Audio Output

Unbalanced audio output of channel C is available through a 6.3mm phone jack socket.

13. Channel B: Audio Output

Unbalanced audio output of channel B is available

through a 6.3mm phone jack socket.

14. Channel A: Audio Output

Unbalanced audio output of channel A is available through a 6.3mm phone jack socket.

15. DC Input Socket

For connecting the DC plug of a 12V adaptor, as supplied alongwith.

16. Telescopic Antenna 1

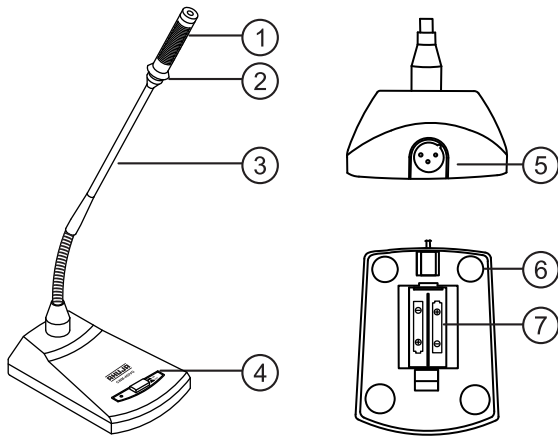
For receiving the signal for both channels A & B

NOTE:

When connecting cable is inserted into either output jack A or output jack B (but not both), the combined A+B output is available on that cable.

When connecting cable is inserted into either output jack C or output jack D (but not both), the combined C+D output is available on that cable.

• Desktop Transmitter Controls & Features



1. Grill

The unique design of the grill improves the unidirectional characteristics of the condenser cartridge which is housed inside the grill. To minimise the effect of wind & breath noise, keep the grill covered with the foam windshield, which is supplied along with.

2. Ring LED Housing

The red ring LED lights up when the gooseneck transmitter is switched ON.

3. Gooseneck

Flexible shaft provided at the bottom end of the gooseneck transmitter for easy adjustment of desired usage angles.

4. Power ON/OFF Switch

Push down the switch knob and the gooseneck transmitter gets ON. This is indicated by the glow of the red LED in the dial plate and the red ring LED in the flexible shaft. Push again to release the switch knob and the gooseneck transmitter gets OFF.

5. Male XLR Connector

This gooseneck transmitter can also be operated in wired mode, if required.

For wired mode of operation:-

- Connect the gooseneck transmitter to the mic input of a mixer or an amplifier through a suitable female XLR to 6.3mm phone plug cable.*
- Connecting the XLR cable automatically disables the wireless mode.

For resuming wireless mode of operation, the mic cable should be disconnected from the male XLR connector of the gooseneck transmitter.

6. Anti-skid Base Feet

04 nos. of anti-skid base feet ensure stability of the gooseneck transmitter base.

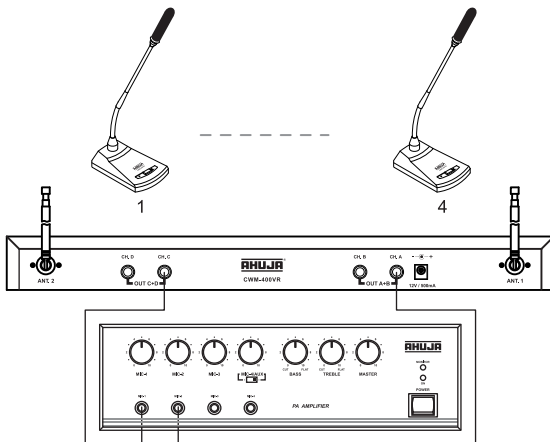
7. Cell Housing

Remove the cell housing cover which is located at the bottom side of the gooseneck transmitter. Insert 02 nos. of 1.5V AAA alkaline cells, as supplied alongwith.

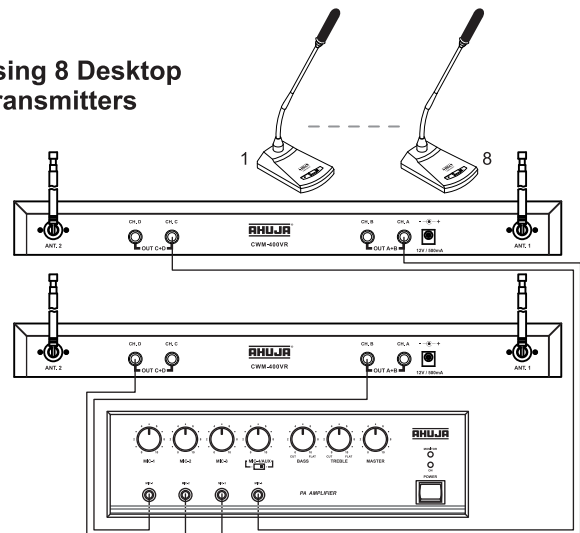
• Connection Diagram

Wireless Mode

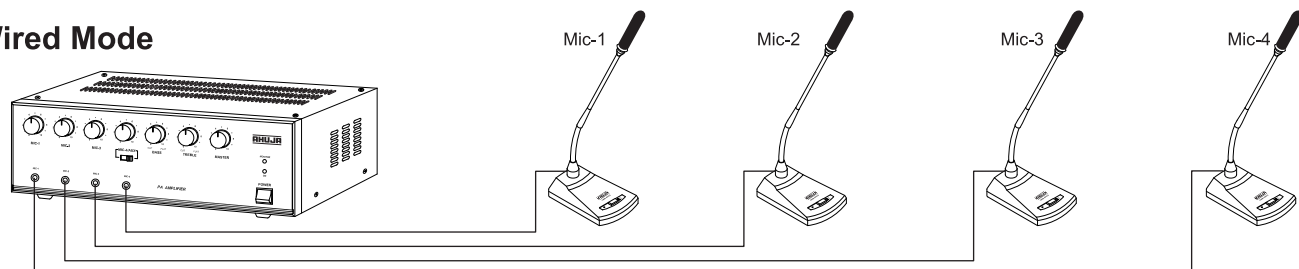
(I) Using 4 Desktop Transmitters



(II) Using 8 Desktop Transmitters



Wired Mode



• Usage Tips

- **The colour of the rubber bung at the rear of each desktop transmitter will help identify which level control on the receiver controls that particular gooseneck transmitter**
- Use only standard, good quality 2×1.5V AAA alkaline cells. Cells are required for both wired & wireless modes of operation.
- Do not keep the XLR cable connected when using wireless mode.
- Gooseneck transmitter should always be at least 5m away from its receiver. This will be helpful in reducing interference problems.
- For best results, the receiver antenna should be kept in fully open condition, and aligned angularly for best reception.
- 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, before an actual programme.

• Specifications

GOOSENECK TRANSMITTER

RF Output Power	10mW (Max.)
Modulation Mode	FM
Microphone Element	Condenser, Cardioid
Maximum Deviation	± 18kHz
Frequency Response	80Hz-15,000Hz
Power Requirement	2×1.5V AAA alkaline cells
Current Consumption	< 60mA
Controls	ON/OFF Push Switch
Indication	Red ring LED in the gooseneck & Red round LED in the base
Dimensions	W90 × H60 × D130 mm (microphone base)
Weight	550g (without battery)

RECEIVER

Frequency Stability	± 0.005%
Audio Output	0-50mV adjustable (each channel)
S/N Ratio	>80dB
Distortion	<0.5%
Antenna Type	Telescopic
Power Requirement	220V-240V AC 50Hz for AC adaptor (supplied alongwith)
Controls	Power Switch, Output Volume Control for each channel
Indication	Red LED for Power ON, Green LED for RF indication of each channel
Dimensions	W420 × H54 × D210 mm
Weight	1.80kg

ACCESSORIES

2×Connection Cable for connecting RF receiver to an amplifier
1×AC Adaptor, 2×1.5V AAA Alkaline Cells for each microphone

OPTIONAL ACCESSORY CC-74 (10m female XLR to 6.3mm phone plug cable for using CWM-400V in wired mode.)
(order separately)

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E. & O. E.