



WCU 100 WDU 100

# WIRELESS AUDIO CONFERENCE SYSTEM



## **ATDSC 100 WCU (Chairman)**

- Wireless Chairman Unit
- Chairman unit can be on any time.
- In Look At Me the Chairman Unit number is always 1.
- Priority function: Chairman can mute delegate microphones by a press of a key.
- Chairman only mode turn off the Delegate units.
- Built-in display to show battery status, ID, control channel etc.
- Equipped with microphone on/off key and indicator.
- Equipped with 3 function keys to set microphone id, control channel, volume level and battery status.
- Built-in speaker and volume control

## **ATDSC 100 WDU (Delegate)**

- Wireless Delegate Unit
- Look At Me supported
- Built-in display to show battery status, ID, control channel etc.
- Equipped with microphone on/off key and indicator.
- Equipped with 3 function keys to set microphone id, control channel, volume level and battery status.
- Built-in speaker and volume control

## **Wireless Chairman & Delegate Microphone (Common features)**

- Wireless connectivity eliminates the jumble of wires.
- Installation is done quick and smart without cumbersome arrangements.
- Portable table top, easy movement moving and microphone can be pull out. Extended length option.
- Electric capacity type microphone, equipped with windshield cover
- Microphone will shut off the power or in standby if receiver is powered off.
- Battery: AA x 3

## Unit consist of :

1. Unidirectional electret MIC.
2. Annular red indicator lamp to show the microphone state.
3. Mic volume up -/down key.
4. Mic volume +/- up key
5. Mute/Set key
6. Mic ON/OFF key
7. Chairman Priority
8. LCD
9. Microphone power switch
10. DC Power Input jack.

	Items	Parameter
<b>Audio channel</b>	Transmission method	UHF Wireless (two way)
	Audio channel	5
	Carrier Frequency band	610 MHz ~665MHz
	Modulation method	FM
	Maximum modulation	60KHz
	Radiant Power	$\leq +9\text{dBm}$
	Frequency deviation	$<0.002$
	Frequency response	50HZ-15KHz
	S/N Ratio	$>85\text{dB}$
	T.H.D.	$<0.8\%$
<b>Data control Channel</b>	Transmission method	Wireless (two way)
	Data Channel	16
	Frequency Range	422.4MHz ~438.4MHz
	Modulation method	FSK
	Receiving Sensitivity	-100dBm
	Transmission Consumption	$<6\text{dBm}$
	Communication rate	100Kbps
	Frequency deviation	$<0.002$
<b>System</b>	Power Supply	DC12V
	Signal Covering Range	Radius 60 meter
	Consumption Rating	Standby: $\leq 360\text{mW}$ Speaking: $\geq 630\text{mW}$
	Operating temperature range	-10 -40 degree
	Dimension	170x58x120mm
	N.W	0.7kg

**AVAILABLE THROUGH PAN INDIA DISTRIBUTOR & DEALER NETWORK**

