

# AIR TALK

## LIGHTWEIGHT WALKIE TALKIE

Ultra thin business walkie talkie



Lightweight  
body



Long standb  
time



On  
Frequency



Channel  
encryption



Magnetic  
shielding



Metal  
back clip



VOX  
function



Type-C  
charging



Flashlight  
function



Y 10

Approved by Govt. of India  
Registration No: ETA-SD-20260504156

## BASIC PARAMETERS

|                      |                       |                                       |                                                                                             |
|----------------------|-----------------------|---------------------------------------|---------------------------------------------------------------------------------------------|
| External Dimensions  | 113.5X58x23.5mm       | Carrier Frequency                     | +2.5X10 <sup>-6</sup>                                                                       |
| Antenna              | 51mm Ø14.3mm          | RF Power                              | 0.5W                                                                                        |
| Frequency Range      | 446-446.2 MHz         | Modulation Sensitivity                | 12+4mV                                                                                      |
| Number Of Channels   | 16                    | Modulation Distortion                 | ≤5%                                                                                         |
| Channel Spacing      | 25kHz/12.5KHZ         | Modulation Restrictions               | ≤5kHz                                                                                       |
| Antenna Impedance    | 50Ω                   | Occupying Bandwidth                   | ≤16 kHz                                                                                     |
| Microphone Impedance | 2.2kΩ                 | Modulation Characteristics            | Compared to the 6dB emphasis characteristic per octave band<br>Deviation not exceeding ±3dB |
| Working Voltage      | 4.2V                  | Spurious Radiation                    | ≤7.5 μW                                                                                     |
| Frequency Stability  | ±2.5X10 <sup>-6</sup> | Adjacent Channel Power                | ≤-65 dB                                                                                     |
| Whole Machine Weight | 118.6g                | Transmitting<br>signal-to-noise ratio | ≥40 dB                                                                                      |

## ACCEPT PART

|                                     |          |                          |                                                                                                                        |
|-------------------------------------|----------|--------------------------|------------------------------------------------------------------------------------------------------------------------|
| Reference sensitivity               | -119dBm  | Audio response           | Compared to 6dB per octave to emphasize the characteristics<br>Deviation not greater than +2dB and not less than -10dB |
| Silent noise activation sensitivity | ≤0.22μV  | Same channel suppression | ≥-8 dB                                                                                                                 |
| Audio power                         | 1000mw   | Block                    | ≥85 dB                                                                                                                 |
| Audio distortion                    | ≤5%      | Neighborhood selectivity | ≥65 dB                                                                                                                 |
| Modulation reception bandwidth      | ≥□±7kHz□ | Receiving Signal Noise   | ≥40 dB                                                                                                                 |

The printing process may result in slight differences between the products in the materials and the actual products.

## STANDARD ACCESSORIES



Host



Antenna



Back Clip



Battery



Integrated Charger

**AIR TALK**



सत्यमेव जयते

Government of India  
Ministry of Communications  
Department of Telecommunications  
WPC Wing  
Sanchar Bhawan, New Delhi-110001.

Registration No: ETA-SD-20260504156

# THIN AND LIGHT FUSELAGE

Minimalist and lightweight design,  
portable and efficient

23mm  
Thickness

118g  
Weight



# ONEKEY ON FREQUENCY

Simplify operations Improve team  
collaboration efficiency

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# MAGNETIC SHIELDING

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The walkie talkie produces stable sound  
in complex environments



**Large size**

Dynamic coil horn unit

**High sensitivity**

High fidelity sound quality

# CHANNEL ENCRYPTION

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Built in channel encryption module,  
Transmitting without fail



# METAL BACK CLIP

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Surface rust prevention treatment

Durable and wear-resistant

Metal



# LONG TERM STANDBY

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Adopting polymer lithium batteries  
Having higher energy density



# TYPE-C CHARGING

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Adopting mainstream Type charging  
interface Charging and convenience



# FLASHLIGHT

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Built in flashlight, illuminate the way forward



# DESCRIPTION

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- |              |                 |                       |
|--------------|-----------------|-----------------------|
| 1 Antenna    | 5 Volume/Switch | 9 Back clip           |
| 2 PTT        | 6 Horn          | 10 Charging interface |
| 3 Side key 1 | 7 MIC           | 11 indicator light    |
| 4 Side key 2 | 8 Earphone jack | 12 Flashlight         |

Product Model

**Y 10**

Working Voltage

**4.2V**

RF Power

**0.5W**

Channel Spacing

**25kHz/12.5KHz**

Frequency Range

**446-446.2 MHz**

Frequency Stability

**$\pm 2.5 \times 10^{-6}$**

Microphone Impedance

**2.2k $\Omega$**

Antenna Impedance

**50 $\Omega$**

Number Of Channels

**16**

Whole Machine Weight

**118.6g**

External Dimensions

**113.5X58X23.5mm**

Antenna Size

**51mm in length  
Diameter 14.3**

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