

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









TR102

BASIC PARAMETERS		TRANSMITTER	
External Dimensions	113.5X58x23.5mm	Carrier Frequency	+2.5X10 ⁻⁶
Antenna	51mm Φ14.3mm	Carrier Output Power	≤3W
Frequency Range	400-470MHZ	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 Deviation not exceeding ± 3dB
Working Voltage	4.2V	Spurious Radiation	≤7.5 μW
Frequency Stability	±2.5X10 ⁻⁶	Adjacent Channel Power	≤-65 dB
Whole Machine Weight	118.6g	Transmitting signal-to-noise ratio	≥40 dB

ACCEPT PART			
Reference sensitivity	-119dBm	Audio response	Compared to 6dB per octave to emphasize the characteristics 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					
					
Radio	Antenna	Back Clip	Battery	USB Cable	Hand Strap

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THIN AND LIGHT WALKIE-TALKIE

Business intercom



PRODUCT FUNCTION POINTS



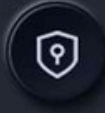
Lightweight body



Metal back clip



One click frequency matching



Yayin encryption



Magnetic shielding

THIN AND LIGHT FUSELAGE

Minimalist and lightweight design,
portable and efficient

23mm
Thickness

118g
Weight



ONEKEY ON FREQUENCY

Simplify operations Improve team
collaboration efficiency



MAGNETIC SHIELDING

The walkie talkie produces stable sound in complex environments



Large size

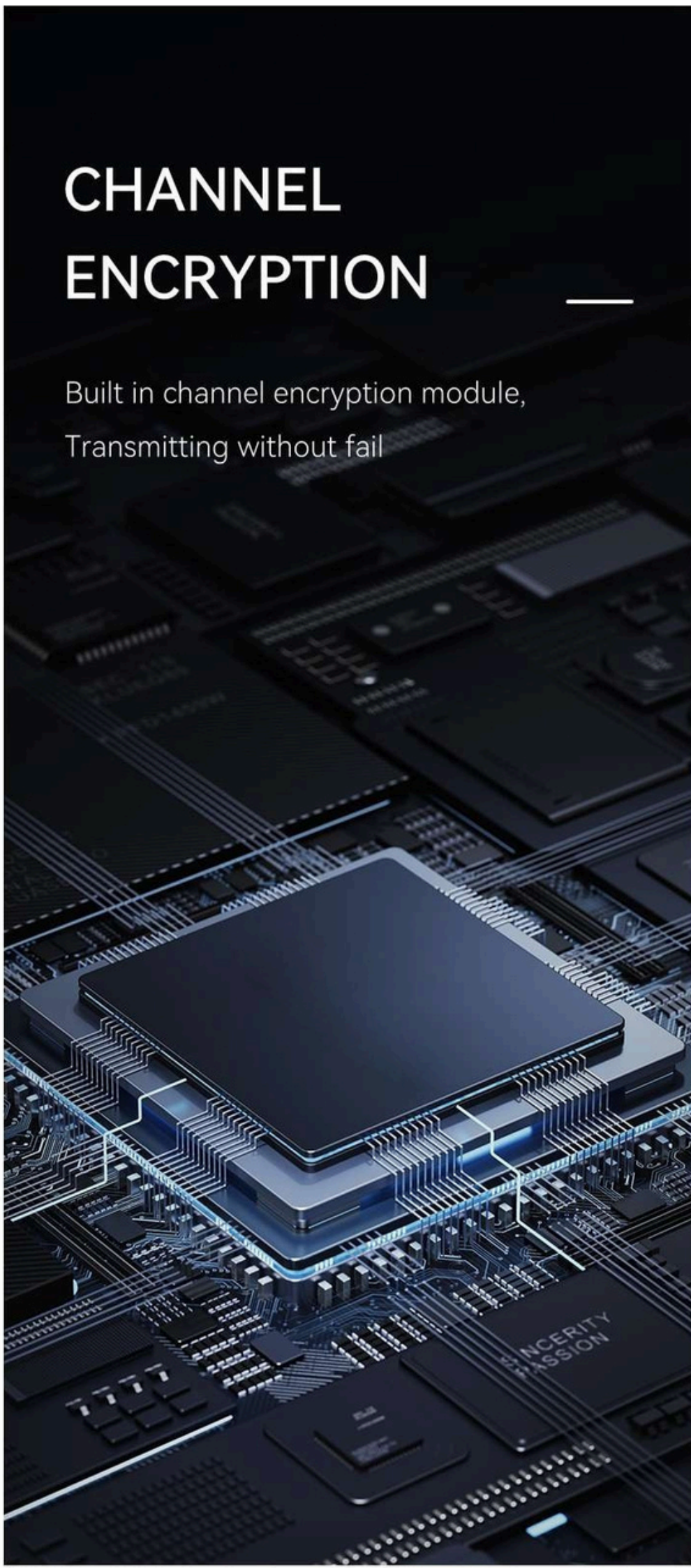
Dynamic coil horn unit

High sensitivity

High fidelity sound quality

CHANNEL ENCRYPTION

Built in channel encryption module,
Transmitting without fail



METAL BACK CLIP

Surface rust prevention treatment

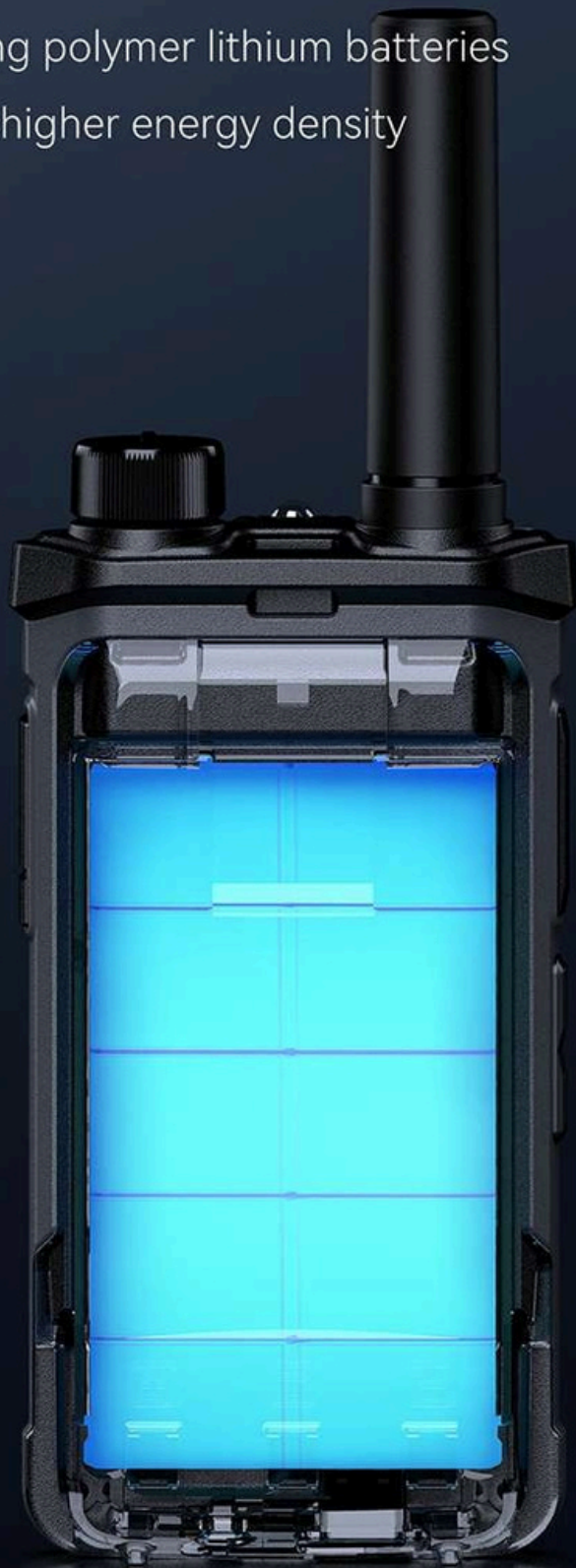
Durable and wear-resistant

Metal



LONG TERM STANDBY

Adopting polymer lithium batteries
Having higher energy density



TYPE-C CHARGING

Adopting mainstream Type charging interface Charging and convenience



FLASHLIGHT

Built in flashlight, illuminate the way forward



DESCRIPTION



- | | | |
|--------------|-----------------|-----------------------|
| 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

TR102

Working Voltage

4.2V

Carrier Output Power

$\leq 3W$

Channel Spacing

25kHz/12.5KHz

Frequency Range

400-470MHz

Frequency Stability

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

Microphone Impedance

2.2k Ω

Antenna Impedance

50 Ω

Number Of Channels

16

Whole Machine Weight

118.6g

External Dimensions

113.5X58X23.5mm

Antenna Size

51mm in length

Diameter 14.3
