433 MHZ DIGITAL · TWO-WAY INTERCOM

TCM-WI222E

Wireless Telephone-Style Intercom

Wire-free handset intercom: dial a unit ID, press CALL and talk, up to 1 km.

433 MHz Digital | **1 km Outdoor** | **9999 IDs** | **Rechargeable**



433 MHz Digital RF

1,000 m Outdoor range

1–7 Floors Indoor

9999 IDs Dial-to-call

1200 mAh Li-ion battery

Wire-free Desk / wall

DESCRIPTION

The **TCM-WI222** is a wire-free, telephone-style intercom that links rooms, floors and buildings over a 433 MHz digital radio link. Each unit has its own ID: lift the handset, key in the ID of another unit and press CALL for a clear two-way conversation. Digital signal processing keeps calls private with no code pairing and no call charges. A removable 1200 mAh lithium battery with 5 V DC charging frees it from telephone or network cabling, so it can stand on a desk or hang on a wall wherever people need to talk, from homes and offices to factories, shops and clinics.

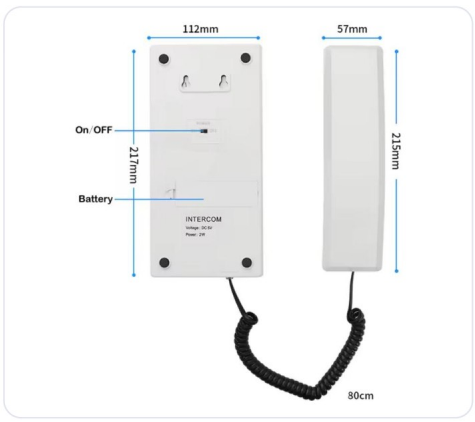
FEATURE

- 433 MHz digital wireless link, no cabling needed
- Outdoor range up to 1,000 m in open area
- Indoor penetration of 1–7 floors, walls and doors
- Dial-to-call: 0–9 ID keypad and CALL key
- Up to 9999 unit IDs in one system
- DSP voice for clear, private calls, no call cost
- Handset with earpiece and mic, built-in speaker
- Power and signal (TX / RX) indicators
- 1200 mAh removable Li-ion battery
- DC 5 V charging port and rear power switch
- Desktop use or wall mounting via keyhole slots

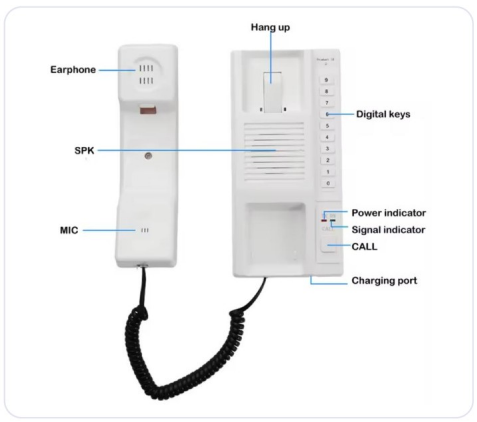
TECHNICAL SPECIFICATION

MODEL	TCM-WI222		
Model	TCM-WI222	**Product Type**	Wireless telephone-style intercom
Frequency	433 MHz band	**Signal Processing**	Digital (DSP)
Outdoor Range	Up to 1,000 m (open area)	**Indoor Range**	1–7 floors (building dependent)
System Capacity	Up to 9999 IDs	**Call Mode**	Dial ID + CALL, two-way talk
Keypad	0–9 digit keys, CALL key	**Indicators**	Power, signal (TX / RX)
Handset	Earpiece + microphone	**Speaker**	Built-in (SPK)
Handset Cord	Coiled, approx. 80 cm	**Switch**	Power ON / OFF (rear)
Battery	1200 mAh Li-ion, 3.7 V, removable	**Standby Time**	Up to 45 days
Power Input	DC 5 V charging port	**Power Rating**	2 W
Dimension	Base 217 × 112 mm; handset 215 × 57 mm	**Installation**	Desktop or wall mount
Color	White	**Pairing**	No code pairing required

DIMENSION (mm)



PRODUCT OVERVIEW



APPLICATION

- Home & villa
- Office & reception
- Factory & warehouse
- Shop & restaurant
- Clinic & care home
- Hotel & guesthouse
- Farm & outbuildings
- Site & security post

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