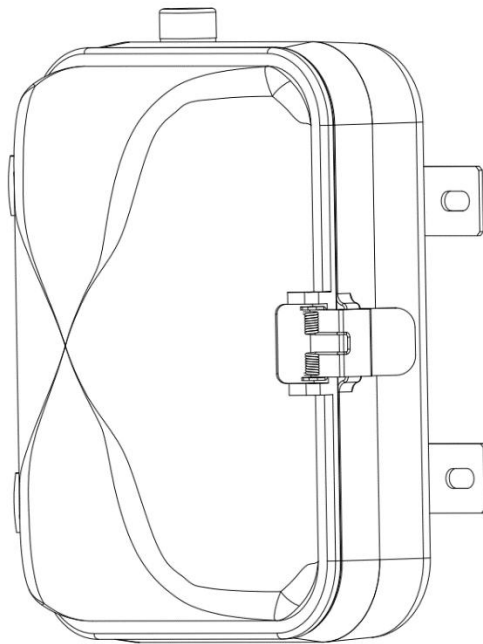


# Changxinghuitong

## Industrial Telephone

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### USER'S MANUAL



REV1.0.3  
2022.03.08

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# 1. Company Profile

Shenzhen Changxinghuitong Technology Co., Ltd. is a High-Tech enterprise and manufacturing of intelligent transportation, safe city, utility tunnel, the products was widely used in Transportation Engineering, underground utility tunnels, security systems, urban architecture, reservoir, etc.

We are located in Shenzhen, with convenient transportation access. The company has a number of outstanding electronic, communication, computer, system engineering professional and technical personnel and sales. We are participate in Industry-University cooperation program in Wuhan University, Huazhong University of Science and Technology, Wuhan University of Technology, etc. Depends on rich economic and technical strength, it has grown to be a corporation with great influence in the field.

Shenzhen Changxinghuitong Technology Co., Ltd. has been industry leader in communication, the equipment was successful used by utility tunnels, Municipal Traffic in many cities in China, was well received by the public. Specialization of production and High-efficient management, make sure the quality and service of our products. We take "Comprehensive Innovation, Exceed Customer's Expectation." as our purpose, competitive prices, superior quality and efficiency have won confidence and goodwill among our business clients.

## 2. Statement

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The product specifications and information referred to in this manual are for reference only and are updated without notice. Our web page is readily available. All statements, information, etc. in this manual do not constitute any form of warranty unless there is a special agreement that this manual is only used as a guide.

### 3. Attention

Please read carefully before using the Manual.

This manual must be read, understood and preserved by a professional technician.

This manual does not provide detailed of specific techniques.

### 4. Product Presentation

The R&D team has more than 15 years experience in the Public Emergency Call/Broadcast, according to the utility tunnel business requirements and project design, has been independently developing a variety of Industrial Telephone products.

The industrial telephone is based on the special industry environment design

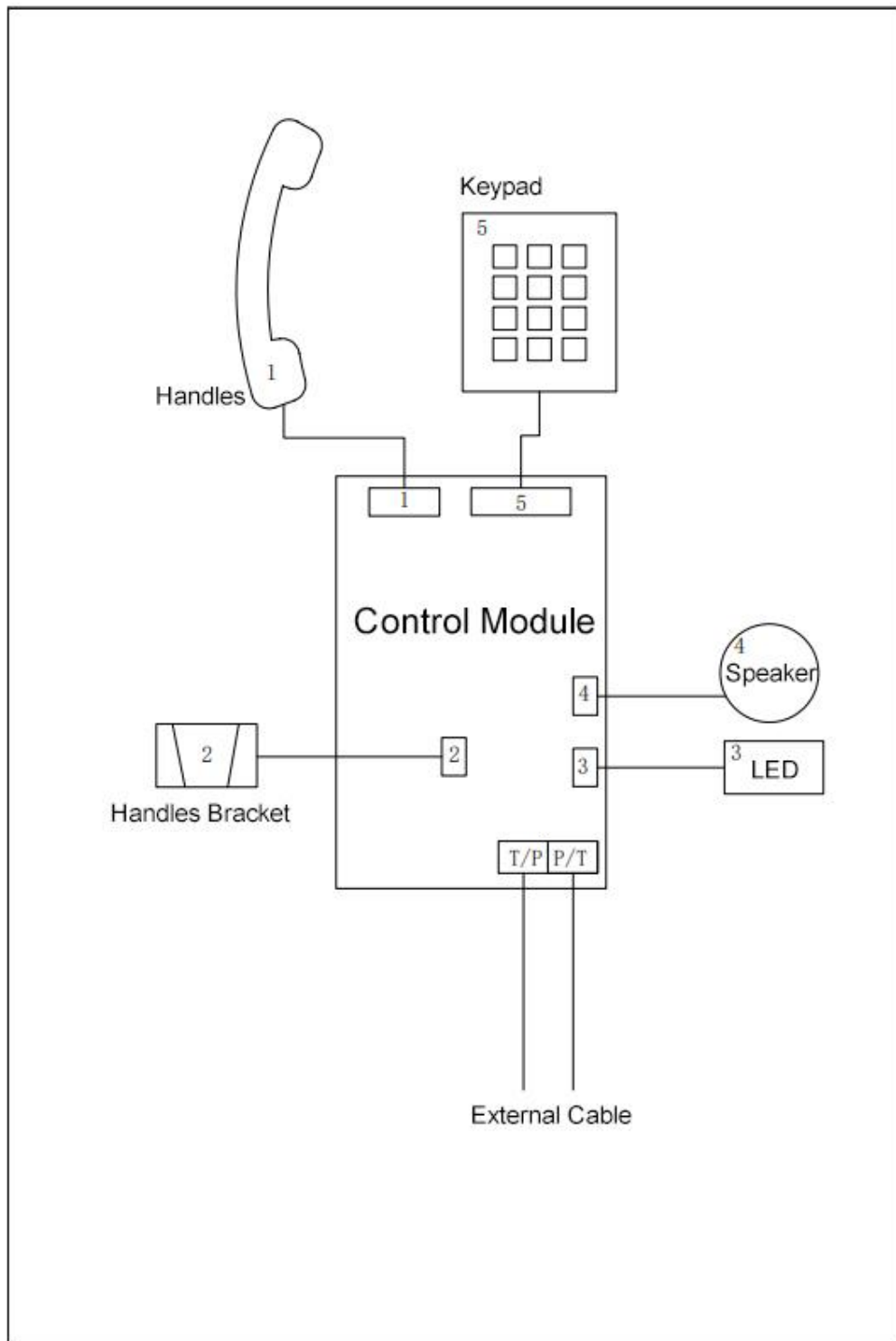
This product provides safe and effective voice communication equipment for personnel in the field of industrial applications.

### 5. Advantage & Parameter

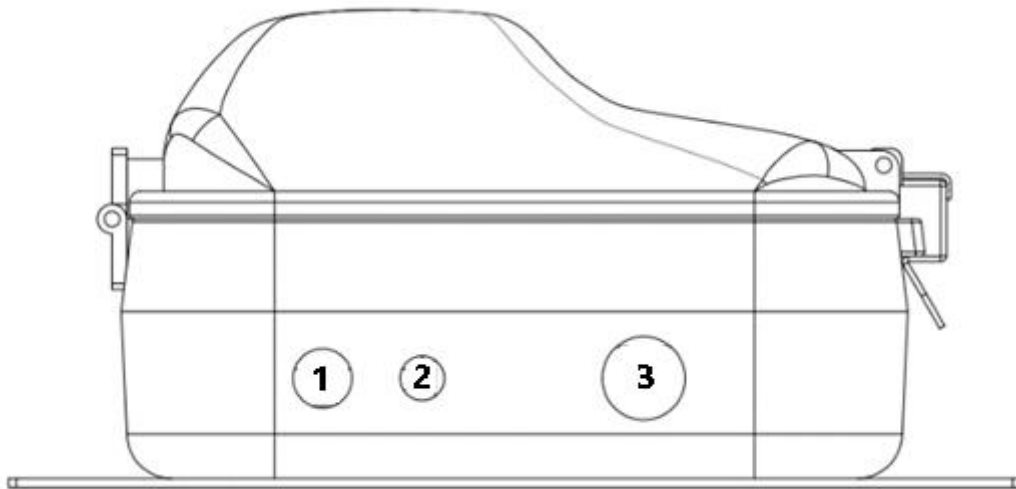
- Telephone: Dual-Tone Multi-Frequency
- Ringing signaling
- Calling Connection Time:  $\leq 6S$ (Non-Blocking)
- Maximum communication distance: 5 kilometers
- Sound pressure level:  $\geq 90\text{dBA}$
- Range of audibility: 300Hz ~ 3400Hz

- Harmonic Distortion:  $\leq 5\%$
  - Wall-mounted, Landing
  - Rated Voltage: DC48V/DC24V
  - Transmit/Receive Frequency Response: Compliant with GB/T15279-2002
  - Sending Loudness Rating(SLR): 5 ~ 15dB
  - Receiving Loudness Rating(RLR): -7 ~ 2dB
  - Side Tone Masking Rating(STMR):  $\geq 7$ dB
  - Interface: 2 PIN Terminal Block
  - Ambient Temperature:  $-20^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
  - Relative Humidity: 10% to 95%
  - International Protection: IP66
  - ElectroStatic Discharge, Waterproof, Dust Proof, Anti-corrosion, High-tightness feather-touch button
  - Keypad: Number Key(0-9), Function Key: Emergency Call Button, Redial Button, Hang-up Button
  - Automatic Dialer, Automatic Call Administration Center/Duty Room
- Manual dial to Emergency Calls
- Size: 319.5x219.5x129mm
  - Net Weight: 3.5 kilograms

## 6. Wiring Diagram



## 7. Interface Specification



Mark 1: Power Switch

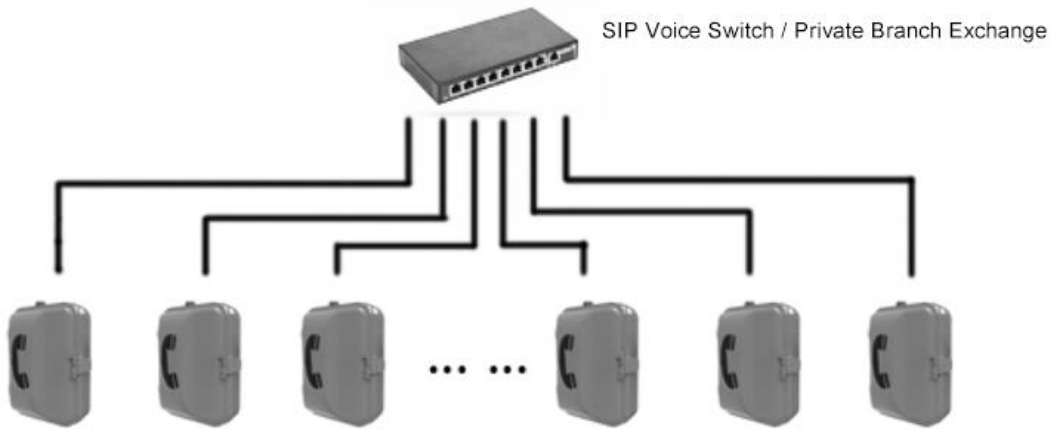
Mark 2: Outlet of two core telephone line/twisted pair

Mark 3: Waterproof closure

## 8. Accession Equipment Instructions

Can direct access SIP Voice Switch or Private Branch Exchange, advice distance between equipment to equipment is more than 1000 meters, advice using telephone cable above HYV2x1/0.4.





## 9. System Operation

When you are ready to learn detailed information about these operations, please read the [Software User's Guide](#).

## 10. Device Dimension

