

# MT70-CHM-C

## Elevator Voice Calling Module



### User Manual V1.0

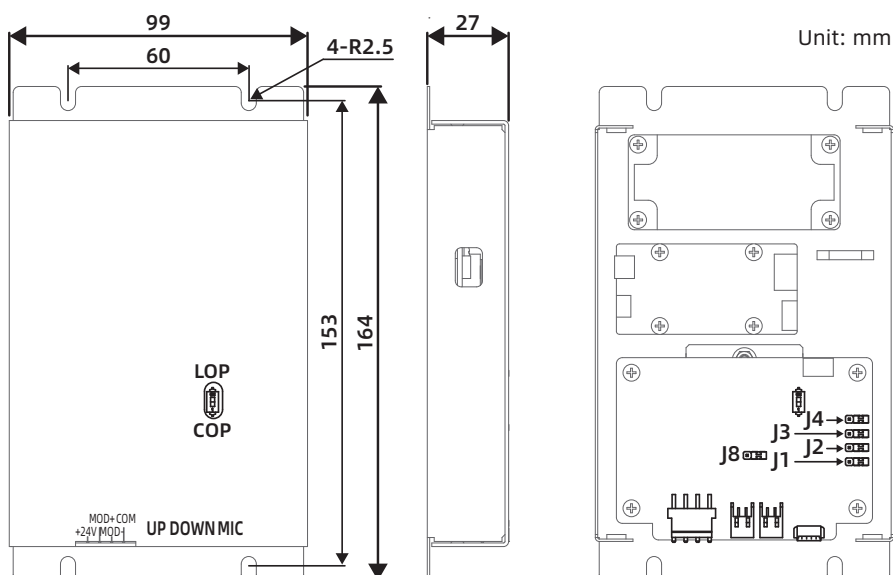


#### Features

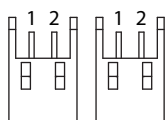
Realize the functions of voice layer selection in the car, voice call outside the car, and phonological station reporting.

- DC24V power input, Modbus communication
- Easy to use, offline voice, no network required
- Double microphone noise reduction, high voice quality, and friendly interaction
- Quick feedback
- Ultra low power consumption

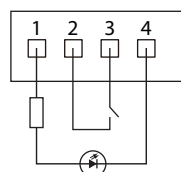
#### CHM-C Description



#### UP/DOWN




#### Up/Down Terminal of Hall Call



#### Terminal Description

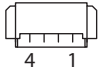

Terminal		Description
+24V, COM, MOD+, MOD-	Power communication terminal	From left to right: +24V, MOD+, MOD-, COM
UP	Up calling elevator output	Used for hall call, connect to the up/down terminal of hall call <ul style="list-style-type: none"><li>• Pin 1 is connected to pin 2 of the hall call terminal, pin 2 is connected to pin 3 of the hall call terminal</li><li>• Reverse connection is invalid</li></ul>
DOWN	Down calling elevator output	
LOP-COP	Car call and hall call settings	Switch to <b>COP</b> for car call (factory setting), switch to <b>LOP</b> for hall call <ul style="list-style-type: none"><li>• After switching the car and hall call, it needs to be re-powered</li></ul>
MIC	External microphone	See <b>Setting Up an External Microphone</b> on the next page

### Set Communication Matching Resistance (J8)

J8 Jumper	
Modbus communication matching resistance selection:	
	<ul style="list-style-type: none"> <li>Pin 1&amp;2 are short-circuited, matching resistance is not connected (factory setting).</li> <li>Pin 2&amp;3 are short-circuited, matching resistance is connected.</li> </ul>

### Set Up an External Microphone (MIC and J1 - J4)

The built-in microphone is used by default, and 2 microphones can be connected to the MIC terminal.

1. MIC terminal connects to microphone, use shielded cable: <ul style="list-style-type: none"> <li>Pin 1 (positive) and 2 (negative) is connected to one.</li> <li>pin 3 (positive) and 4 (negative) is connected to one.</li> </ul>	
2. Short circuit pin 2&3 of jumper J1 - J4. <ul style="list-style-type: none"> <li>Factory default short pin1&amp;2, for the use of built-in microphone.</li> </ul>	

## Instruction

Need to activate the long press to cancel the floor command function (MONT70: set F26.11 = 2).

Only Mandarin can be recognized, and the voice command sound needs to be greater than the ambient noise.

### Car Call (Support 3 Kinds of Commands)

Car Call Support Function	Voice Command	CHM-C Reply
Wake-up	Xiaomei xiaomei	Here I am
Floor registration and cancellation	I'm going to the X floor	Go to the X floor
	Cancel to go to X floor	Cancel to go to X floor
	The elevator opens	The elevator opens
	Open sesame	Open sesame
	The elevator closes	The elevator closes
Control command	Close sesame	Close sesame

#### As a Car Call to Note:

- CHM-C will execute after replying the voice command. If the voice command is not answered, please confirm that the calling floor is correct and the car call communication is normal.
- X can only be 1 - 48, L1 - L6, B1 - B3, -1 - -3.
- It cannot be used with touch-based car call.

#### As a Hall Call to Note:

- After the voice command "I want to take the elevator" is issued, the upward command will be registered, which is applicable to single hall call.

### Hall Call (Support 2 Kinds of Commands)

Hall Call Support Function	Voice Command	CHM-C Reply
Wake-up	Xiaomei xiaomei	Here I am
Control command	I'm going upstairs	Go upstairs
	I'm going downstairs	Go downstairs
	I want to take the elevator	Call the elevator

### Standby and Wake-up

The CHM-C has not heard the voice command for a period of time, and after the voice **Goodbye** is issued, it enters the standby mode.

Can be awakened by the wake-up function, and then issued a voice command (registration or control command).