MT70-CHM-B
Station Reporting Control Board

User Guide   V1.4
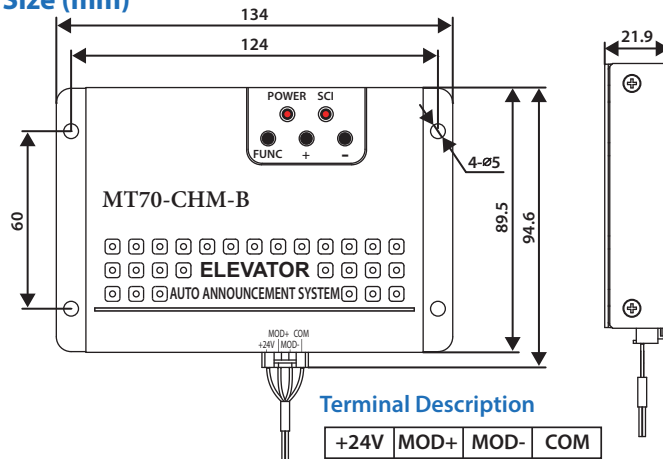
MT70-CHM-B
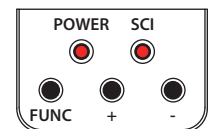
Features

■ W × H: 134 × 94.6mm (external size).

■ DC24V input, Modbus communication.

■ Smart type, built-in speaker, adjustable volume.

■ Prompt the status and position of the elevator, two-channel speaker improves the quality of broadcast.

■ Intelligent reminder of the status and location of the elevator.

■ Control board controls the language selection, and support user-defined language package to realize broadcast voice customization.

Size (mm)

Terminal Description

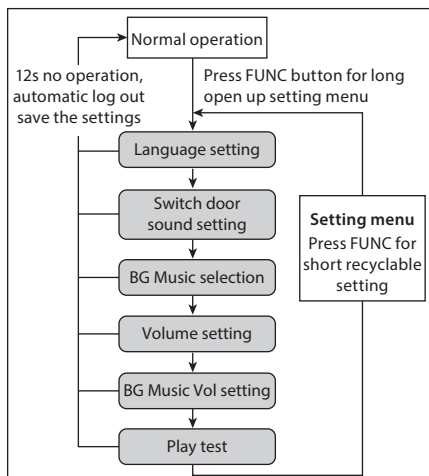| +24V | MOD+ | MOD- | COM |

Indicator and Button

Terminal and Indicator Definition

Type	Name	Description
Indicator	POWER (red)	Power supply indicator, lighting when power on
	SCI (red)	SCI indicator, blinking when communication is normal, and lightless when communication is abnormal
Button	+, -	Set the menus
	FUNC	Switch setting menus
Terminal	Power supply communication	From left to right: +24V, MOD+, MOD-, COM

Setup Process

The setup process is shown on the left, and the voice will be broadcast when the menu is being set. When finish settings, it will automatically log out and save the settings after 12 seconds.

Setting Menus	Default	Description
Language setting	Chinese	[+][-] button to select language, can be set to: Chinese, Chinese HK, English, Korean, Persian, Turkish, Hindi, Malaysian English, Taiwanese Chinese, Malay
Switch door sound setting	Off	Press the [+] button to turn it on, press the [-] to turn it off
Background music setting	1	Press [+][-] button to select music, the maximum can be set to 10
Volume setting	22	[+] increase, [-] decrease Maximum volume 22, 0 is turn off the broadcast sound
Background volume setting	0	[+] increase, [-] decrease Maximum volume 22, 0 is turn off the background music
Play test	-	Play all voices in order, [+] and [-] buttons are not used

Normal operation

12s no operation, automatic log out save the settings

Press FUNC button for long open up setting menu

Language setting

Switch door sound setting

BG Music selection

Volume setting

BG Music Vol setting

Play test

Setting menu
Press FUNC for short recyclable setting

Setting by Control Board

The MT70-CHM-B can be modified by setting the control board parameter F26.26.

Bit	Value	Description
Bit0 - Bit7	-	For other functions
Bit11 - Bit8	0000	Determined by CHM-B settings
	0001	Chinese
	0010	Chinese HK
	0011	English
	0100	Korean
	0101	Persian
	0110	Turkish
	0111	Hindi
	1000	Malaysian English
	1001	Taiwanese Chinese
	1010	Malay
	1011 - 1111	Reserved
Bit12	0	Voice broadcast ON
	1	Voice broadcast period, related to F21.32 and F21.33
Bit13 - Bit15	-	For other functions

Advanced Operation

This unit uses a micro-SD card to store settings and audio files. The settings and voice operations can be changed by changing the files on the micro-SD card.

The micro-SD card can be obtained by simple removal.

SD Card Root Directory

Path Name	Description	Type
/set/	Set folder to store configuration files	Folder
/ZH_CN/	Chinese voice package for placing voice files in this language	Folder
/ZH_HK/	Chinese HK voice package for placing voice files in this language	Folder
/EN_US/	English voice package for placing voice files in this language	Folder
/KO/	Korean voice package for placing voice files in this language	Folder
/FA_IR/	Persian voice package for placing voice files in this language	Folder
/TR/	Turkish voice package for placing voice files in this language	Folder
/IND/	Hindi voice package for placing voice files in that language	Folder
/EN_MS/	Malaysian English voice package for placing voice files in this language	Folder
/ZH_TW/	Taiwanese Chinese voice package for placing voice files in this language	Folder
/MS/	Malay voice package for placing voice files in this language	Folder
/MUSIC0.mp3	The first background music, allows to add 10 titles, and the second will be named MUSIC1.mp3	Audio file
/beep.mp3	Used to set the menu beep for short tones	Audio file
/beep2.mp3	Used to set the menu beep double short tone	Audio file

Note:
Please check if the number of files is correct after replacement.

Voice Package Directory

The ellipsis is the voice packet folder path for this type of voice.

Path Name	Content	Voice Meaning
Floors		
/.../1901.mp3	First floor	The elevator reached the first floor. The file name should correspond to the floor display value. For example, when the elevator reached the second floor, the file name should be 1902.mp3
/.../DING.mp3	Ding Dong	Exclamation mark

Note

1	The play order of the play test is consistent with the table on the right.
2	Missing voice, prompt double short tone.
3	First, play the status voices, then the floor voices.

Path Name	Description	Type
Status		
/.../UP.mp3	UP	Elevator goes up
/.../DOWN.mp3	Down	Elevator goes down
/.../INS.mp3	Elevator inspection, please take other elevators	Elevator inspection
/.../FIRE.mp3	Elevator fire operation	Elevator fire operation broadcast
/.../OL.mp3	Elevator overload	Elevator overload
/.../OD.mp3	The elevator door will be opened	Elevator door opening broadcast
/.../CD.mp3	The elevator door will be closed	Elevator door closing broadcast
/.../FAULT.mp3	Elevator fault, please keep calm	Elevator fault broadcast
/.../FL.mp3	Elevator full load	Elevator full load
/.../RBASE.mp3	The elevator will return to the base station	Elevator return to base station
/.../LIFTFAIL.mp3	Serious fault of elevator, please leave the elevator after opening the door	Serious fault of elevator
/.../PAKING.mp3	The elevator is about to lock	The elevator is about to lock
/.../FOD.mp3	Front door opening	The front door of the elevator is opened (the number of door machines on this floor is 2)
/.../FCD.mp3	Front door closing	The front door of the elevator is closed (the number of door machines on this floor is 2)
/.../BOD.mp3	Rear door opening	The rear door of the elevator is opened (the number of door machines on this floor is 2)
/.../BCD.mp3	Rear door closing	The rear door of the elevator is closed (the number of door machines on this floor is 2)
/.../CANCEL.mp3	Cancel	Cancel floor registration
/.../SAVESELF.mp3	Elevator fault, automatically start emergency rescue	Automatic emergency rescue system
/.../MUSTCLOSE.mp3	Do not block the door, the elevator is forced to close the door	Forced closing
/.../RETNFL.mp3	The elevator is recovering and will start normal operation soon	Elevator return to level
/.../UPS.mp3	Emergency run	
/.../EARTHQUACK.mp3	Earthquack	
Settings		
/.../LGSET.mp3	Language setting	The current setting is the language setting
/.../OCDSET.mp3	Switch door sound setting	The current setting is used to set the switch door sound on and off
/.../MUSICSET.mp3	Music setting	Current settings is used to select background music
/.../VOICESET.mp3	Volume setting	The current setting is the broadcast volume setting
/.../VOICETEST.mp3	Play test	
/.../MUSVOLSET.mp3	Background music setting	The current setting is the background music volume setting
/.../LGTEST.mp3	Chinese	Current language testing, if English, broadcast "English"
/.../OCDOP.mp3	Switch door sound opening	Switch door sound opening
/.../OCDCL.mp3	Switch door sound closing	Switch door sound closing
/.../QUITSET.mp3	Exit setup	Exit setup

Note:
Setting the value beyond the range or adding or subtracting text will cause the device to be reset.

Setting Documents

The settings file is located in /_set/set.txt and can be changed directly by changing the number in the brackets inside the text.

The device will restore the default settings after deleting the settings file.

Language = English
#01=Chinese|02=Chinese HK|03=English
#04=Korean|05=Persian|06=Turkish
#07=Hindi|08=English MS|09=Chinese TW
#10=Malay
LanguageSet=[03]

Switch door sound = Open
#1=ON|0=OFF
OCDVoiceEN=[1]

Background music = The first song
#01-10
MusicNumber=[01]

Sound volume = 22
#00=Close -> 22=Maxum
SoundVol=[22]

Background music volume = 00
#00=Close -> 22=Maxum
MusicVol=[00]

0: When the elevator is running, the voice will be played
1: Keep playing voices
#1=Always|0=OnlyMove
MusicEN=[0]

Set up