

PTW-100TJ Fire Telephone Jack Operation Instruction

· Product introduction

PTW-100TJ fire telephone jack is the terminal equipment of fire telephone system. It communicates with the fire telephone control panel through the fire telephone Bus. The fire telephone jack is powered by the fire telephone Bus and no additional power supply is required. The fire telephone jack has no dial button, and the extension handle can be picked up to call the fire telephone control panel. The PTW-100TJ fire telephone jack is equipped with EXT terminal, which can be used to connect the multi-line fire telephone extension, jack and the telephone jack with manual alarm button, so as to realize the communication between multi-line equipment and bus telephone control panel.

· Appearance structure

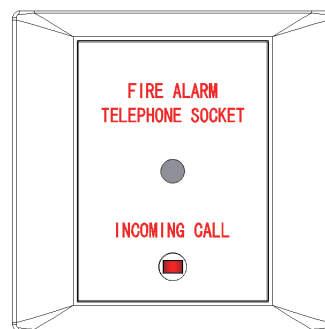


Figure 2: Front view

· Indicator light description

Talk indicator light: Red, flash when telephone jack is communicating with the control panel, also flash with sound when the control calls the jack. The light is on during a call.

· Block terminal specification

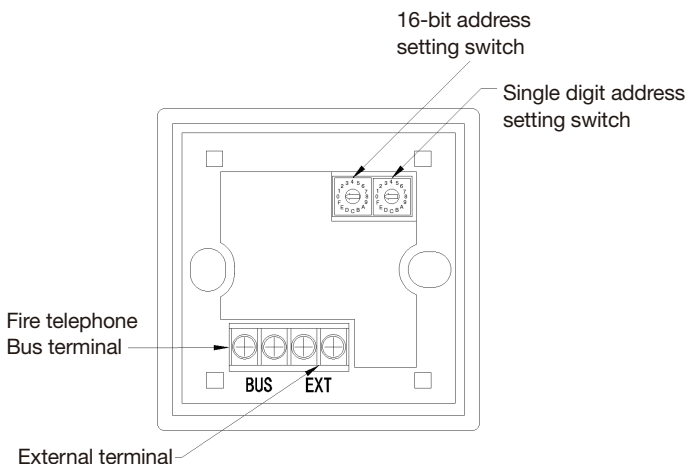


Figure 1: Address setting switch and wiring terminal

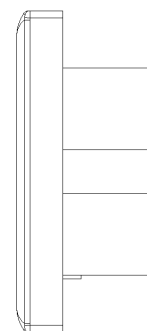


Figure 3: Lateral view

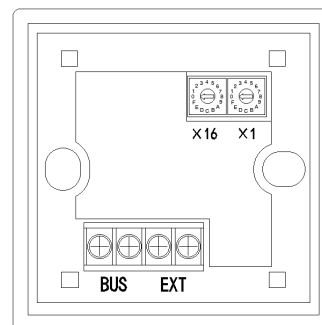


Figure 4: Rear view

EXT indicates the external terminal, it is used for carrying multi-wire system fire telephone jack.

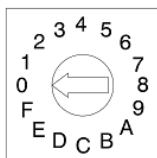
Bus indicated the fire telephone Bus terminal, it is used for connect fire telephone Bus, and communicating with fire telephone control panel.

Fire telephone jack boundary dimension: 86mm×86mm×35mm

Fire telephone jack weight: 50g

· Jack address setting

The jack address consists of a 16-bit address setting switch and a single digit address. The extension address is equal to the number of 16-bit address switches times 16 plus the single digit address number.



The 16-bit address setting switch is a 16-bit switch. The dialing range is 0 to F.

The extension computational formula: Set the value of the 16-bit dip switch to X, the value of single digit dip switch to Y and the extension address to N.

Example: if the ten-digit address switch is set to D, and the single-digit address switch is set to C, then the extension address is $13 \times 16 + 12 = 220$

Reverse calculation: If the extension address is known, find the dip switch value. The integer part of $N \div 16$ value is the value of the 16-bit dip switch; The fractional part of the value $\times 16$ is the value of the DIP switch.

· Storage environment requirement

Temperature: -10~40°C

Relative humidity: 15%~75%

Shelf life: One year, if the storage period is more than one year, the power supply should be energized for more than four hours before being put into the package for future storage.

· Fire telephone jack technological data

Production name	Fire telephone jack
Production model	PTW-100TJ
Address range	0~255
Power supply mode	Bus power supply
Communication Bus	PDA-BUS
Standby current	< 2mA
Call standby current	< 40mA
Operation environment temperature	0~40°C
Components temperature rise	< 50°C
Level of protection	IP54
Dimension	86mm×86mm×35mm
Weight	50g

NOTE: Unless otherwise specified, all parameter test conditions are: nominal input voltage, nominal load with pure resistance, and 25°C room temperature environment.