

Features

- Fire Fighter Telephone System
- Option for right hinge or left hinge door
- Right hinge and left hinge door orientation for accessible mounting next to voice panel
- 24 Class B or 12 Class A phone circuits
- Expandable up 96 Class A or 96 Class B phone circuits
- P-Link device
- Operates as standalone system
- Trouble and Low AC Relay



Description

The FFT-1000 Fire Fighter Telephone panel allows users from remote areas to effectively communicate with the FFT-1000 panel. The panel utilizes fireman's phone jacks and remote fireman's handsets to establish 2-way communication from the remote areas to the FFT-1000. The panel can communicate in conjunction with the IPA-400V via P-Link or operate as a standalone system. The panel is equipped with 24 Class B or 12 Class A phone circuits and is expandable by using the FFT-EXP.

The FFT-EXP is a phone circuit expansion module that provides an additional 12 Class B or 6 Class A phone circuits. The FFT-1000 can support up to 96 Class B or 96 Class A phone circuits to support small, medium, and hi-rise applications.

The panel is equipped with an FSB-8 user interface to display activity and trouble conditions within the telephone system, and provides common user buttons such as Silence, Mute and Lamp Test.

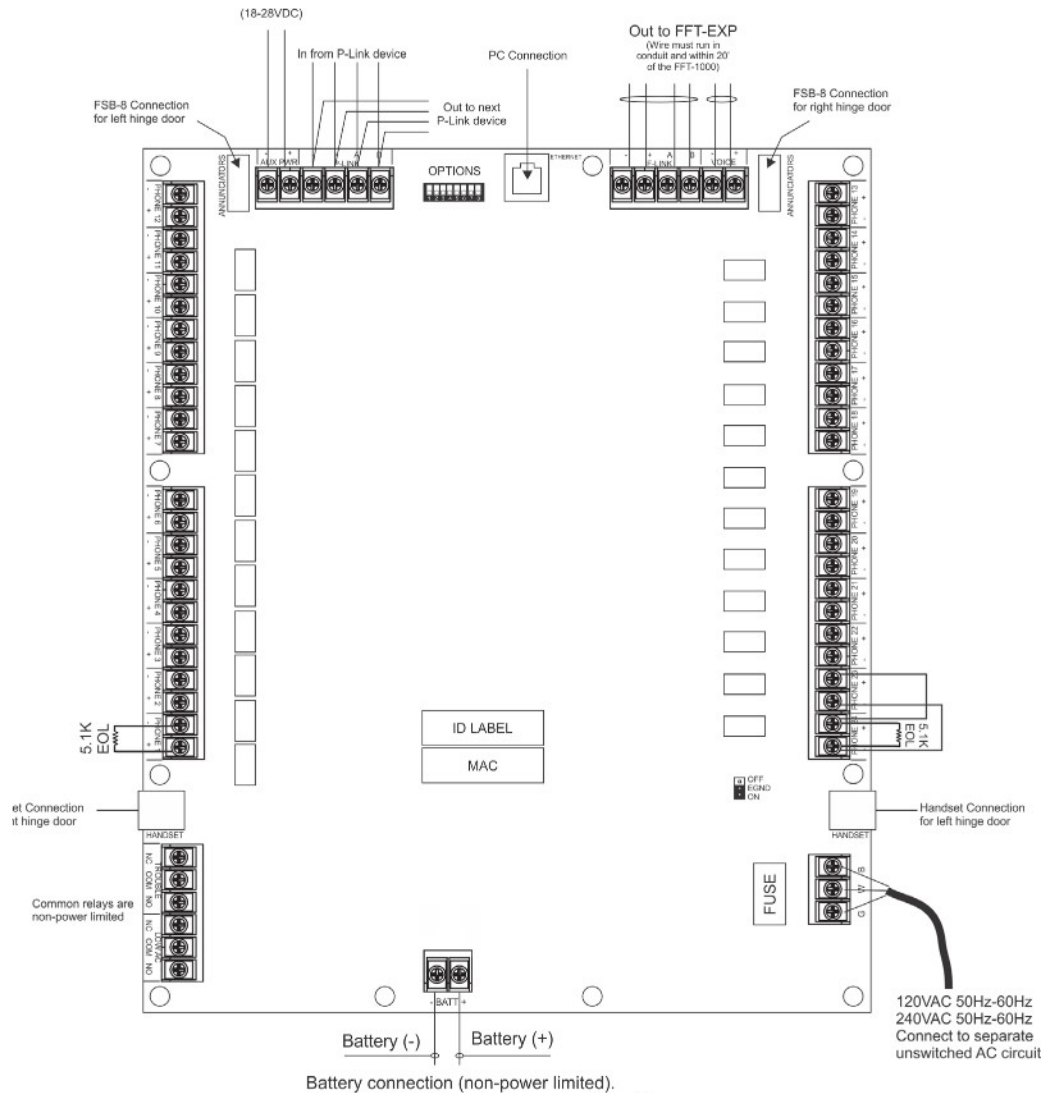
Phone circuits are automatically mapped to the FSB-24 switchboard in sequential order to engage and disengage incoming phone calls. Each push button has two corresponding LEDs to indicate phone activity and trouble conditions for specific zone.

Technical Specifications

Standby Current	154 mA
Alarm Current	295 mA
Operating Temperature	0°C-49°C (32°F-120°F)
Operating Humidity Range	10%-93% @ 30°C (86°F) noncondensing humidity
Maximum P-Link Length	6500 ft.
Maximum F-Link Length	20 ft.
Size (WxHxD)	21"W x 29"H x 5"D

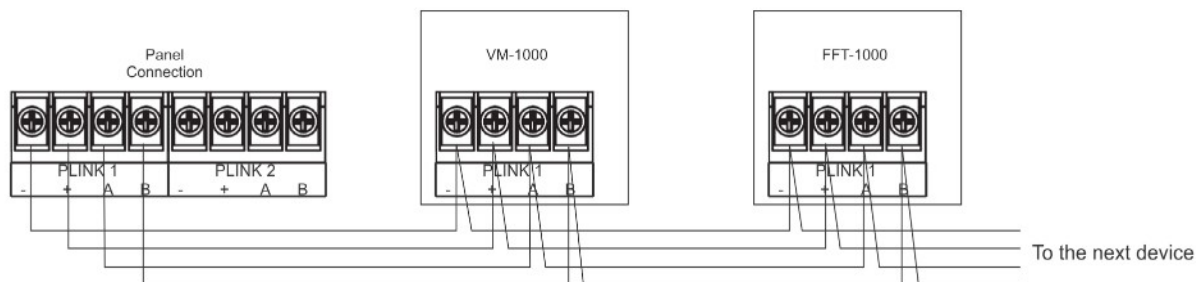
Installation

The FFT-1000 can communicate in conjunction with the IPA-4000V using a RS-485 connection via P-Link or operate as a standalone system. The FFT-1000 is equipped with a F-Link communication bus to interface the FFT-EXP to expand the number of phone circuits.

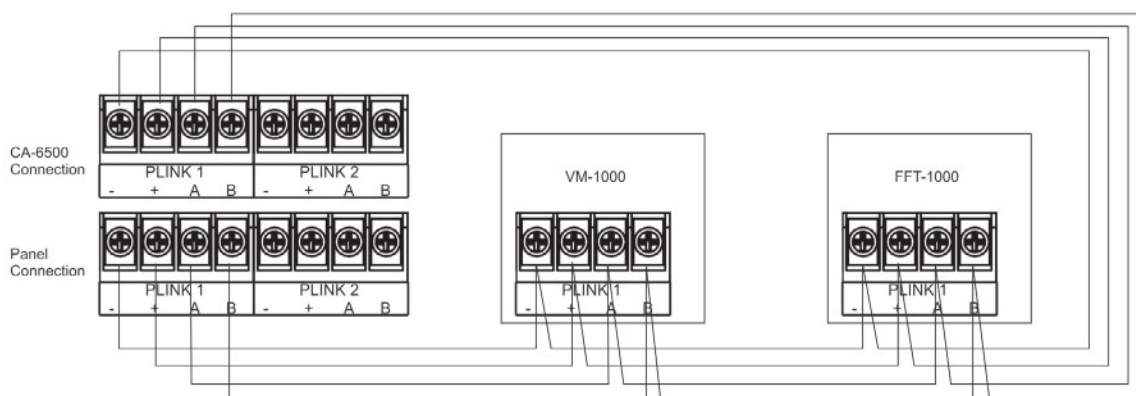


Wiring Options

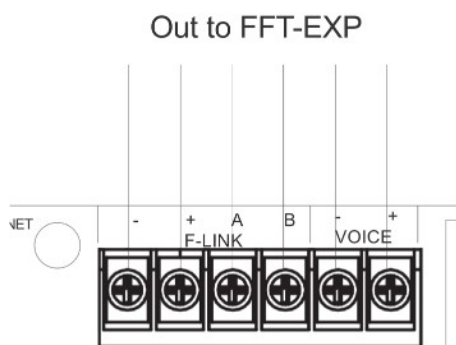
P-Link Class B Wiring



P-Link Class A Wiring

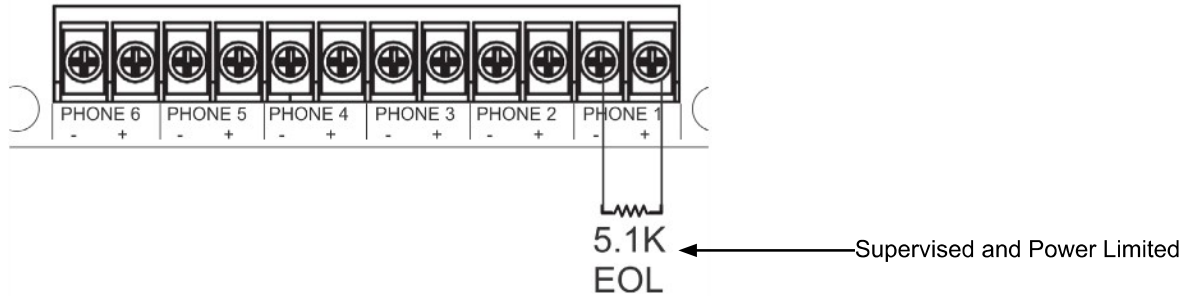


F-Link Wiring

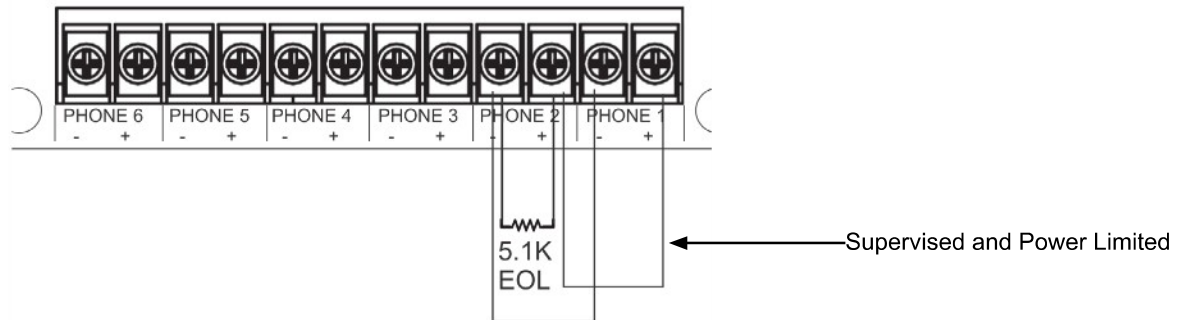


FFT-1000 Class A and Class B Phone Circuits

Class B Phone Circuit

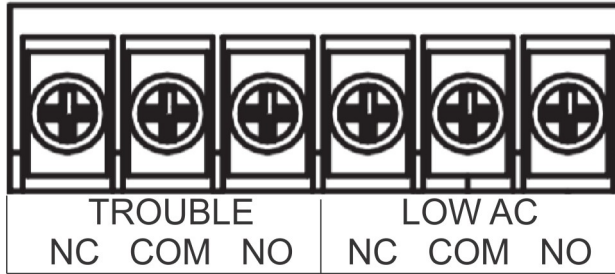


Class A Phone Circuit



Relay Outputs

The contact rating is 24VDC / 3.0A, 125VAC / 3A, Power Factor: 1.0.
These outputs are non-power limited and not supervised. However, they are power-limited if the power supply to the connected devices is power-limited.



OPTIONS Switch Settings

Class B Phone

Switch 1	Switch 2	Switch 3	Switch 4	Circuits	# of FSB-24	# of FFT-EXP
OFF	OFF	OFF	OFF	1-24	1	0
ON	OFF	OFF	OFF	25-36	1	1
OFF	ON	OFF	OFF	37-48	2	2
ON	ON	OFF	OFF	49-60	2	3
OFF	OFF	ON	OFF	61-72	3	4
ON	OFF	ON	OFF	73-84	3	5
OFF	ON	ON	OFF	85-96	4	6

Class A Phone

Switch 1	Switch 2	Switch 3	Switch 4	Circuits	# of FSB-24	# of FFT-EXP
OFF	OFF	OFF	OFF	1-12	1	0
ON	OFF	OFF	OFF	13-18	1	1
OFF	ON	OFF	OFF	19-24	1	2
ON	ON	OFF	OFF	25-30	2	3
OFF	OFF	ON	OFF	31-36	2	4
ON	OFF	ON	OFF	37-42	2	5
OFF	ON	ON	OFF	43-48	2	6
ON	ON	ON	OFF	49-54	3	7
OFF	OFF	OFF	ON	55-60	3	8
ON	OFF	OFF	ON	61-66	3	9
OFF	ON	OFF	ON	67-72	3	10
ON	ON	OFF	ON	73-78	4	11
OFF	OFF	ON	ON	79-84	4	12
ON	OFF	ON	ON	85-90	4	13
ON	ON	ON	ON	91-96	4	14

Class A or Class B Phone Circuits Selection

Switch 5	Operation
OFF	Class B Phone Circuits
ON	Class A Phone Circuits

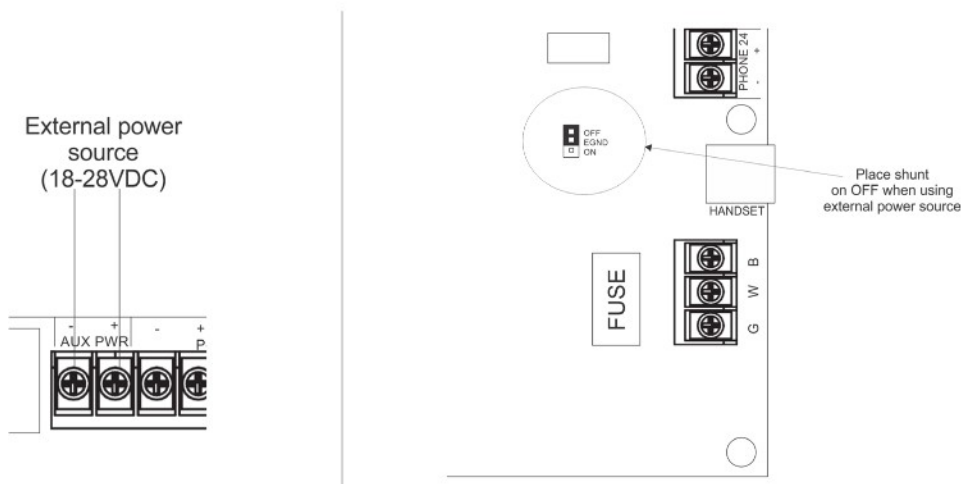
On Board Power Supply or External Power Source Selection

Switch 5	Operation
OFF	Class B Phone Circuits
ON	Class A Phone Circuits

P-Link Device or Standalone System

Switch 7	Operation
OFF	FFT-1000 does not use P-Link connection (Standalone System)
ON	FFT-1000 operates as P-Link Device

Auxiliary Power Input



Ordering Information

Model	Description	Stock No.
FFT-1000R	FFT-1000R FIRE FIGHTERS TELEPHONE, RIGHT HINGE DOOR	3520654
FFT-1000L	FFT-1000L FIRE FIGHTERS TELEPHONE, LEFT HINGE DOOR	3520669