Firefighter Phone System2 Master Addressable and Secondary Firefighter Emergency Phones

The Advanced Master Addressable and Secondary Firefighter Emergency Phones are state-of-the-art, modern, reliable firefighter phones for use with Advanced's Firefighter Phone System2, providing two-way communications for firefighters and other emergency personnel.

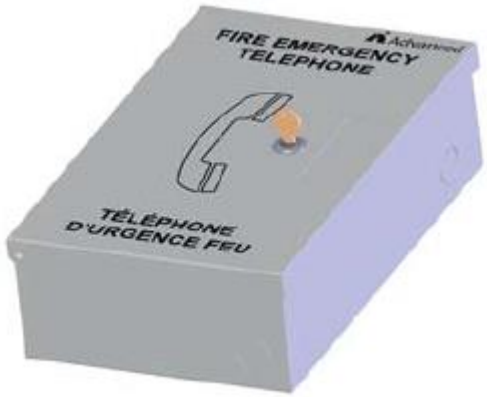
Whether the Firefighter Phone System2 is integrated within an Axis AX fire alarm system, part of a dedicated firefighter phone node or a standalone firefighter phone system, the master addressable and associated secondary firefighter emergency phones work seamlessly in any installation.

Master addressable firefighter emergency phones include an integral addressable interface module for connection to an Advanced SLC addressable circuit and Firefighter Phone System2 telephone riser. The addressable interface module is capable of supporting a total of four (4) secondary firefighter emergency phones, conventional phone jacks or a combination of the two. Secondary firefighter emergency phones and conventional phone jacks report all status and events to the Firefighter Phone System2 command center, via the interconnected master addressable firefighter emergency phone.

Both the master addressable and secondary firefighter emergency phones contain a backbox, handset/chassis assembly and a door, with breakglass keylock access. Each handset/chassis assembly is designed with rugged plastic and includes an electronically controlled off-hock activation signal. In addition, handset/chassis assembly phones are available with a standard coiled cord or armored cable.

When a master addressable firefighter phone handset is removed from its cradle, a dial tone will be heard at the handset, when the call-in signal is recognized at the firefighter command center, the dial tone will change to a ring tone. These dial and ring tones, at the handset, allow the user to know the call is being generated and received at the Firefighter Phone System2 command center, awaiting command center operator connection. In addition, at the Firefighter Phone System2 command center, the master addressable firefighter phone activation will generate a buzzer and visual indication of the specific master addressable firefighter emergency phone calling in.

Once the call is connected by the command center operator, the ring tone will cease and two-way communications will be initiated. At any time during communications, the command center operator can place the connected call on hold, which in turn will activate a busy/hold tone at the master addressable firefighter emergency phone handset.



Features

- Advanced SLC addressable protocol compatible
- Integral dial, ring and busy/hold tones
- Breakglass keylock access
- Electronic controlled off-hook activation
- Master phone supports four (4) secondary phones
- Heavy duty construction
- Modular assembly
- Durable finish
- Integral 'phone connect' LED
- Coiled or armored cord cabling
- Standard or push-to-talk phone
- Pluggable PCB terminal blocks
- Optional semi-flush bezel (trim ring)
- Optional noise-cancelling microphone

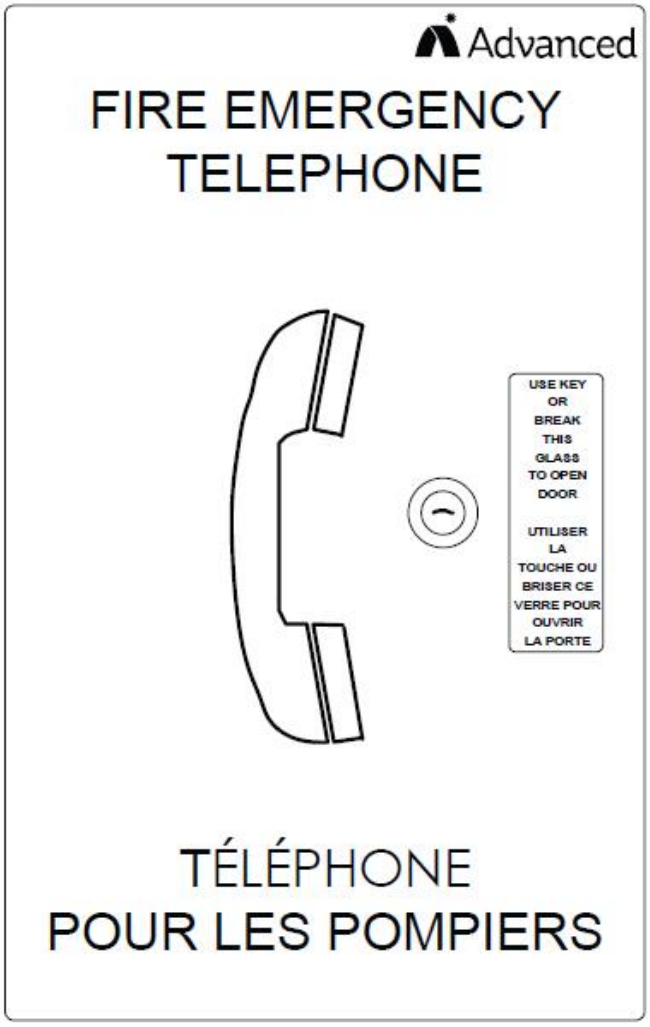
Listings and Approvals

- CAN/ULC-S527-11 and CAN/ULC-S559-13 Listed: 100780709NYM-001

Secondary firefighter emergency phones and conventional phone jacks operate the same as the master addressable firefighter emergency phones. However, all status indication and control with the Firefighter Phone System2 command center is done via the associated master addressable firefighter emergency phone.

Based on installation, the master addressable and secondary firefighter emergency phones can be surface or semi-flush mounted with optional trim ring kit.

Advanced also offers optional noise canceling microphones to filter ambient noise from the installation's surrounding background area. In addition, Advanced offers an optional retaining clip which latches the phone to the handset/chassis assembly cradle is available.



Specifications

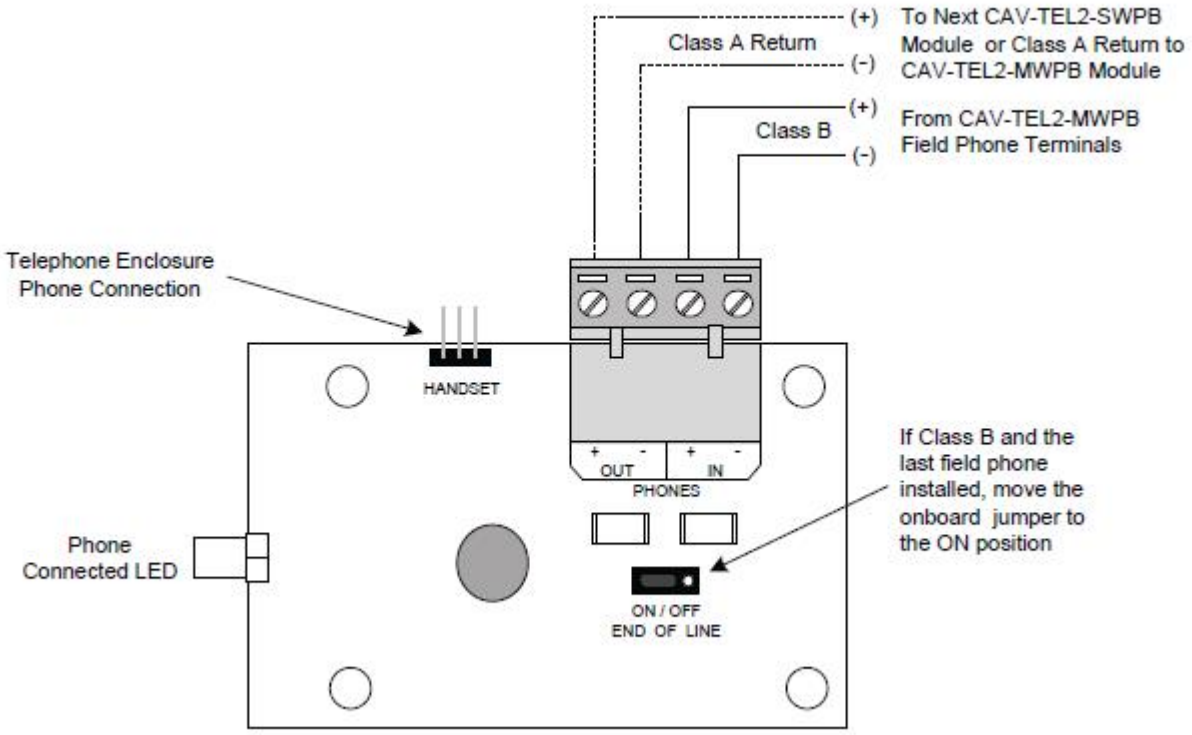
Addressable Phone Interface Module Specifications

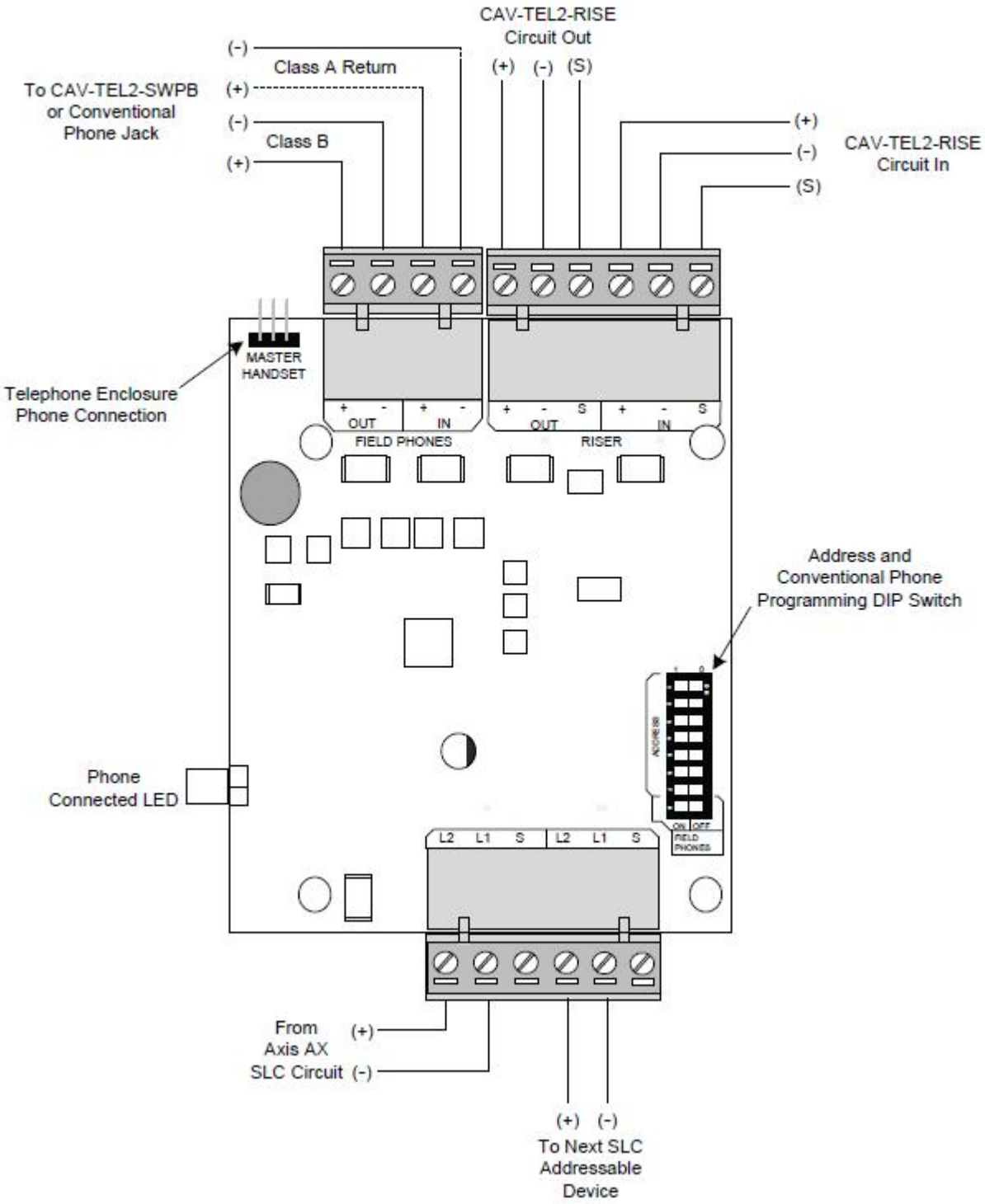
Voltage	17-28 Vdc
Operating current - non active phone	900 uA
Operating current - off-hook w/tone	4.7 mA
Operating current - off-hook connected	7.4 mA
Temperature	32-120°F (0-48°C)
Humidity	10-95% (non-condensing)
Analogue values - normal	18
Analogue values - off-hook/active	55
Analogue values - phone fault/open field ckt	6
Analogue values - riser supply fault	5 (up to 10V)
Analogue values - riser supply short circuit	4
Analogue values - corrupt communications	4
Analogue values - comm fault/device missing	0
Address range	1-126 (DIP switch prog.)
Environment	Indoor, dry
Field phones	Max. 4 (secondary or jack)

Terminal wire size	12-22 AWG (Power Limited)

Secondary Phone Interface Module Specifications

Voltage	24 Vdc
Operating current - quiescent	0 mA
Operating current - active	30 mA
Temperature	32-120°F (0-48°C)
Humidity	10-95% (non-condensing)
Terminal wire size	12-22 AWG (Power Limited)





Order Codes and Options

Master Addressable Firefighter Emergency Phones	
CAV-TEL2-WD	Master addressable firefighter phone, backbox, breakglass with keylock door, standard phone, coiled cord
CAV-TEL2-WDP	Master addressable firefighter phone, backbox, breakglass with keylock door, push-to-talk (PTT) phone, coiled cord
CAV-TEL2-WDV	Master addressable firefighter phone, backbox, breakglass with keylock door, standard phone, armored cable
CAV-TEL2-WDT	Master addressable firefighter phone, backbox, breakglass with keylock door, push-to-talk (PTT) phone, armored cable

Secondary Firefighter Emergency Phones	
CAV-TEL2-SWD	Secondary firefighter phone, backbox, breakglass with keylock door, standard phone, coiled cord
CAV-TEL2-SWDP	Secondary firefighter phone, backbox, breakglass with keylock door, push-to-talk (PTT) phone, coiled cord
CAV-TEL2-SWDV	Secondary firefighter phone, backbox, breakglass with keylock door, standard phone, armored cable
CAV-TEL2-SWDT	Secondary firefighter phone, backbox, breakglass with keylock door, push-to-talk (PTT) phone, armored cable
Semi-flush bezel (trim ring)	
CAV-TEL2-MB	Semi-flush bezel
Retaining clip and noise cancelling microphones	
CAV-TEL2-RC	Handset hook retaining clip
CAV-TEL2-NCMS	Noise canceling microphone for standard phone
CAV-TEL2-NCMP	Noise canceling microphone for push-to-talk (PTT) phone

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