Fire and Emergency Telephone System

Exceptional Clarity.
Superior Performance.

Exceptional Clarity for Superior Performance

Providing robust telephone communication channels ensures maximum safety.

The Advanced Fire and Emergency Telephone System provides:

- **Addressability** – for precise identification of the location of field telephone users.

- **Flexibility** – so it can be configured as a standalone, independent system or completely integrated into the fire system.

- Crystal clear live voice channels with no delays or echoing.

- Reassurance of communication channel status via dial, ring, busy and hold tones, as well as local LED indication at each addressable handset.
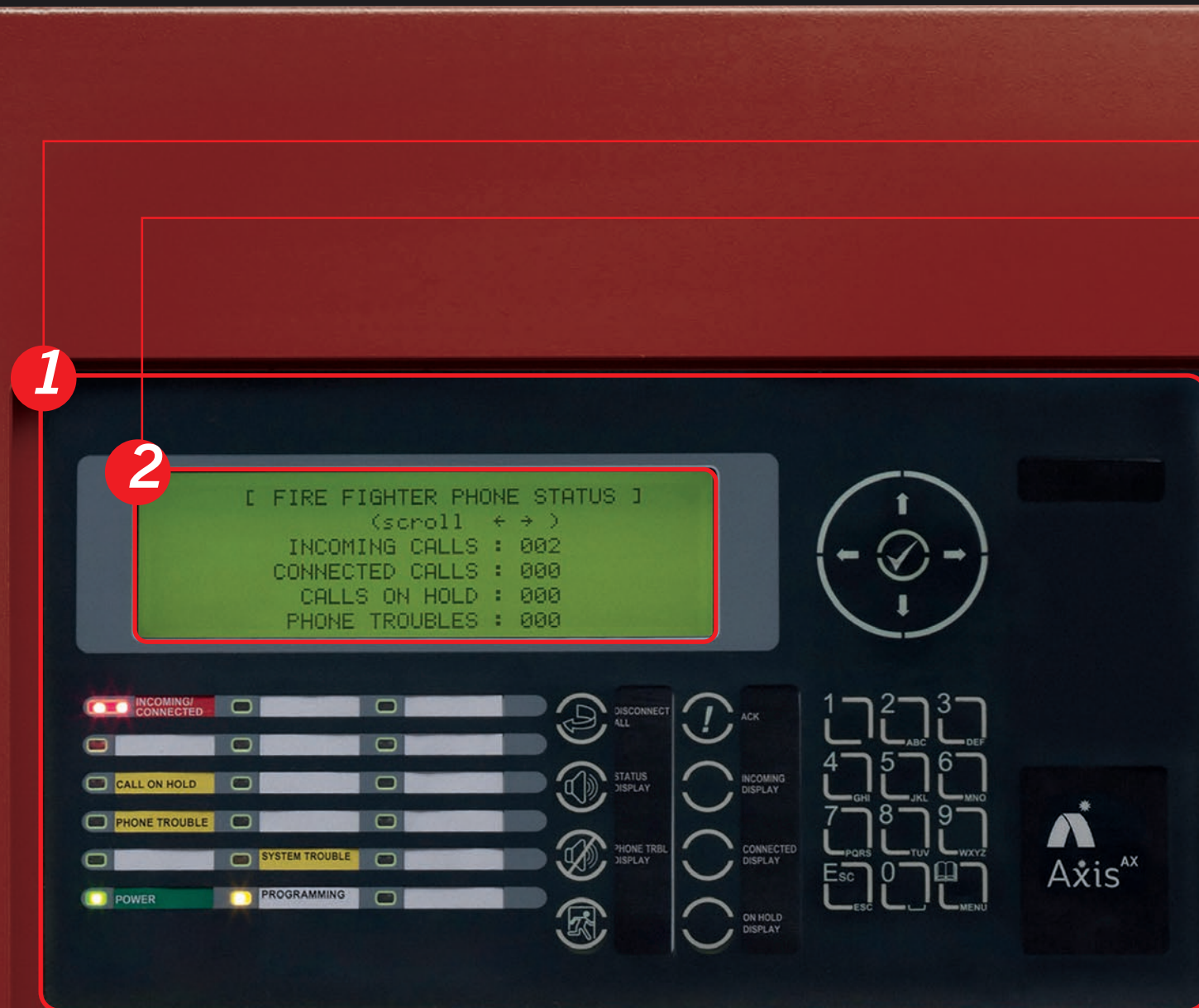
We've even made it quicker and more intuitive to install and configure.
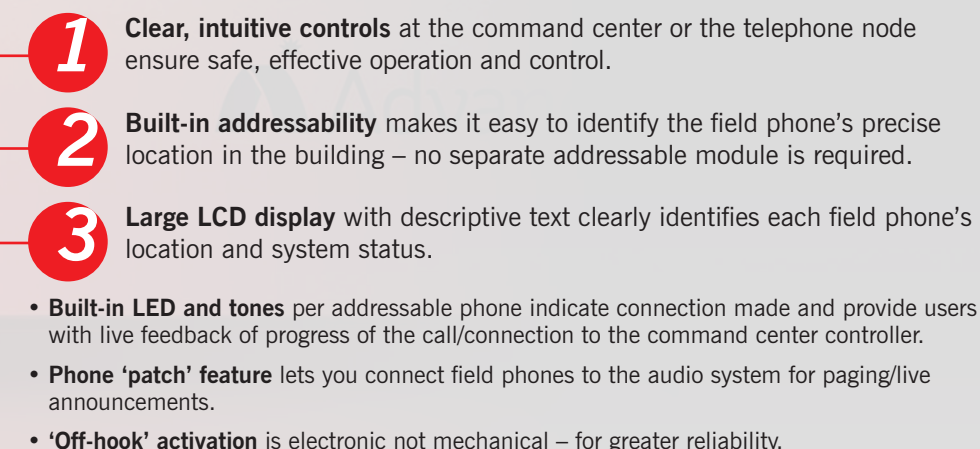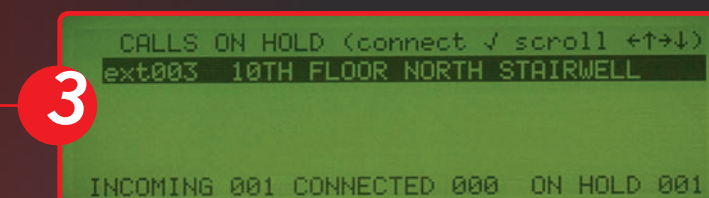
Fire and Emergency Telephone System: Exceptional Clarity. Superior Performance.

[FIRE FIGHTER PHONE STATUS]
(scroll ← →)
INCOMING CALLS : 002
CONNECTED CALLS : 000
CALLS ON HOLD : 000
PHONE TROUBLES : 000

Ease of Operation

1 **Clear, intuitive controls** at the command center or the telephone node ensure safe, effective operation and control.

2 **Built-in addressability** makes it easy to identify the field phone's precise location in the building – no separate addressable module is required.

3 **Large LCD display** with descriptive text clearly identifies each field phone's location and system status.

- **Built-in LED and tones** per addressable phone indicate connection made and provide users with live feedback of progress of the call/connection to the command center controller.
- **Phone 'patch' feature** lets you connect field phones to the audio system for paging/live announcements.
- **'Off-hook' activation** is electronic not mechanical – for greater reliability.

CALLS ON HOLD (connect √ scroll ←↑→↓)
ext003 10TH FLOOR NORTH STAIRWELL

INCOMING 001 CONNECTED 000 ON HOLD 001

System Design Flexibility

The Fire and Emergency Telephone System includes the following elements which can be used separately or in any combination to meet your installation requirements:

Dedicated firefighter emergency telephone cabinets can be accessed via magnetic latch or keylock with breakglass/lock plate to meet local code requirements.

- Surface or flush mount options available.
- Control of addressable fire and emergency telephones can be via:
  – separate telephone node or
  – panel LCD display with switch/LED cards.

Display

LED Card

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Reliable Technology

- Compliant with UL 864 10th Edition, NFPA 72 and ULC S527 4th Edition standards.
- Enhanced diagnostics allow Informative, easy debug of common installation errors.
- Built-in short circuit protection.
- Phones powered from the panel's SLC loop – no need for a separate 24-volt supply.

Ease of Programming

ConfigTool

Programming is done via Advanced's easy-to-use configuration programming tool.
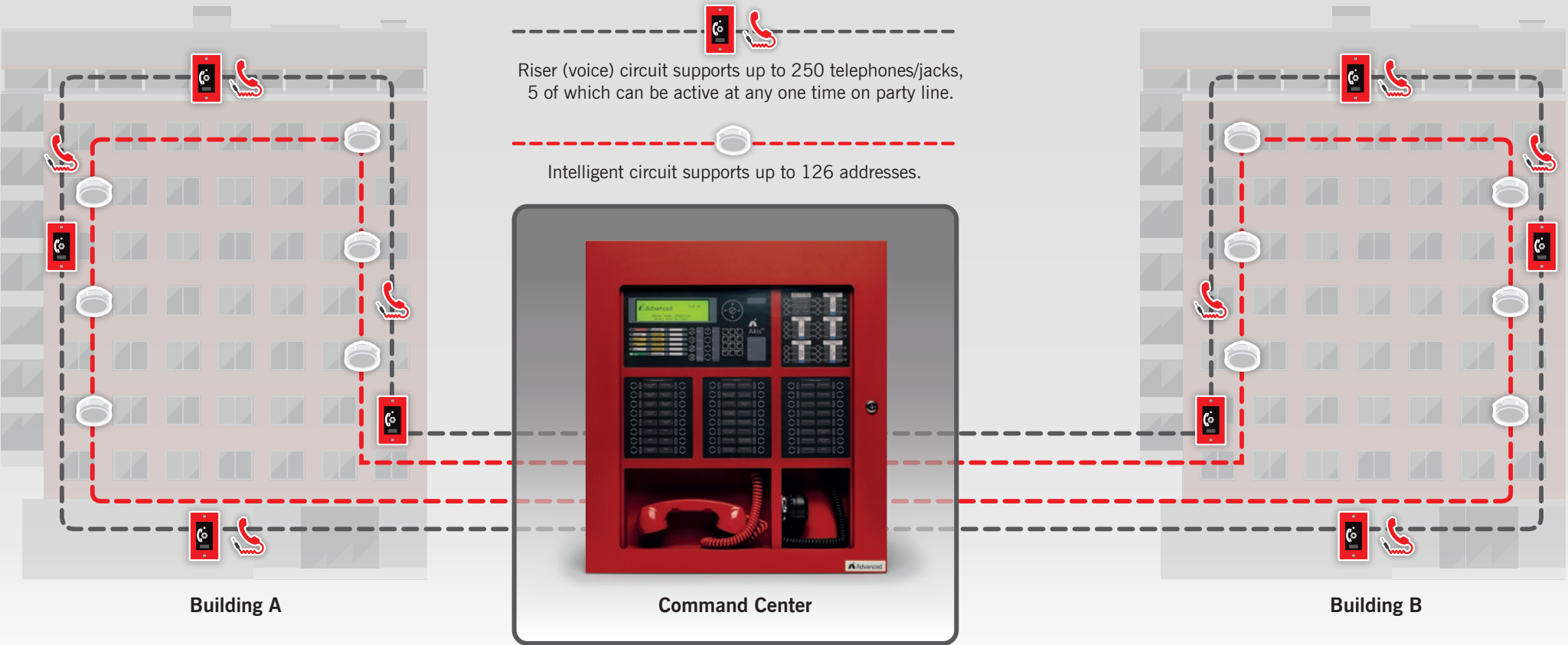
Compatibility

- Compatible with the full range of Axis AX series fire panels and command centers.
- Standalone phone system option:
  – provides a system that's completely independent of the fire system.
  – can be easily adapted to existing installations where a fire and emergency telephone is needed.
- Provides backwards compatibility with conventional telephone jacks for added versatility.

Installation Flexibility

- Can be:
  – incorporated into a standard Advanced Axis AX command center fire alarm control panel
  – used as a standalone firefighter phone node or within an Advanced network installation.
- Addressable telephones may be connected to any panel's SLC loop on a fire panel network, providing field wiring flexibility.

- Class A supervision is provided on the SLC and riser circuits.
- Ideal for any comprehensive firefighter telephone system requirements.
- Up to 250 master addressable firefighter emergency phones can be connected to a single Advanced telephone riser module.
- Multiple telephone riser modules can be used if a more complex installation requires more than 250 master addressable firefighter emergency phones.

- For greater flexibility, up to five firefighter phones (any combination of master addressable firefighter phones, secondary firefighter emergency phones or conventional firefighter phone jacks) and one command center firefighter phone can be active at the same time on an Advanced firefighter phone system.

Riser (voice) circuit supports up to 250 telephones/jacks, 5 of which can be active at any one time on party line.

Intelligent circuit supports up to 126 addresses.

Building A

Command Center

Building B

Global Applications

Ideal for installations where local fire departments and emergency/facility personnel need access to fire/emergency telephone communications, e.g. in high and low-rise apartment buildings, hotels, universities, government and military sites.

As an entire telephone system can be installed and configured to operate standalone without panels, Advanced fire and emergency phones are also perfectly suited to any retrofit or non-fire application.

Advanced brought to you by **HARDING**

Advanced

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