



SERIES 7000

Addressable Control Units
for Fire Detection and Extinguishing

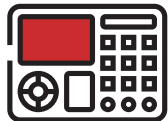
TELEFIRE

SERIES 7000

Telefire's 7000 Series Advanced, Addressable, Control Panels are UL 864 & EN-54 approved systems, which function as standard fire detection and alarm systems, including extinguishing release services; fireman's phone; UUKL approved smoke control and addressable voice evacuation.

The 7000 series control panels monitor addressable, initiating devices such as smoke detectors; heat detectors; manually operated fire alarm call points and flow switches. They also monitor and activate output devices such as sounders; strobes; indicating signs, etc.

The 7000 series includes a range of control panels from the smallest, single loop, 60 addresses control panel, up to an 8 loop control panel that can be networked. Up to 32 ADR-7000 control panels can be networked in a peer-to-peer configuration.



Modern design with an advanced interface

- > Aesthetic modern design
- > Plastic cabinet enabling installation over or under wall plaster
- > An intuitive, user friendly, graphic display on an LCD screen
- > LED lamps indicate major events
- > Rapid, easy detection of events and failures in both routine and emergency operation
- > System status and events log displayed on a single screen
- > Display of the first and the last alarm, for rapid understanding and analysis of the fire's propagation
- > Strobe synchronization for all the loops in the unit



Rapid operation and easy programming

- > Rapid, simple operation from the integral keyboard.
- > Maximum flexibility in site design and installation
- > Installation as a local system or as multiple networked systems
- > Background programming without pausing system operation.
- > Modular, expandable systems
- > Rapid wiring, connection and programming of detectors, buttons and IO devices.
- > Ownership registration for security and protection
- > User authorization management
- > Integral programmer to assign addresses to devices
- > Diagnostic tools for verification of the SLC, remote annunciators control panels and network communications

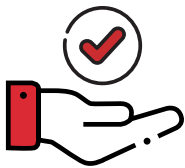
Series 7000 control panels



GUARD-7 – A smart, addressable control unit for up to 60 devices. The GUARD-7 is designed for relatively small sites, with the advanced features and capabilities of larger systems.

SAVER-7000 – A smart, addressable unit controlling a single loop of 127 addresses, expandable by an additional loop to control up to 254 addresses. The SAVER-7000 is designed for small to medium sites requiring fire detection, automatic extinguishing, smoke management, addressable public address and firemen's telephone.

ADR-7000 – A smart, addressable, control unit developed using advanced technology. The ADR-7000 is the best choice for installation in large projects, which need an advanced system with complex control, management and programming capabilities. It is a modular system that can be expanded to up to 8 loops and a total of 1016 smart devices controlled by a single unit. Up to 32 control units can be networked in a peer-to-peer configuration to control a total of 32,512 addresses.



Advanced control with long term reliability.

- > System components monitoring assures continuous, reliable operation.
- > General and addressable fault indications including a fault matrix.
- > Advanced control and monitoring of all the system's lines.
- > Power line protection using an ACM advanced current management.
- > Drift compensation to ensure accurate and reliable alarms.
- > Advanced battery charging and monitoring including batteries capability to deliver high current.
- > Alarm verification feature.
- > Calendar management system enables differential sensitivity for day/night, holidays and system reports.
- > Addressable voice evacuation capability.
- > Integrated, UUKL approved, smoke management.



Advanced management and easy maintenance

- > Integrated diagnostic tools display installation and operation malfunctions (including leakage faults).
- > Range of system reports including operation monitoring based on authorizations.
- > Comprehensive event history, documentation of all authorized operations.
- > Separate alarm and fault warning routing equipment diallers outputs.
- > Single, rapid view of all events in the system on one screen without using the keyboard.
- > Field test feature allows a single technician to perform functional testing of all the addressable devices and generates a testing report.
- > Optional cloud connection for remote reporting, monitoring and maintenance.
- > Enable/disable capability for each address, device type, zone or group.

GUARD-7	ADR-7000	SAVER-7000	GUARD-7
Maximum number of loops per control panel	8	2	1
Maximum number of addresses per control panel	1016	254	60
Maximum number of addresses per networked control panels	32,512	-	-
Maximum number of secondary panels	16	3	3
Logical zones	511	254	60
Integrated power supply	150 W	100 W	100 W
Battery capacity per unit	Up to 18 AH per unit	Up to 12 AH per unit	Up to 12 AH per unit
Device communication in SLC	Class B: Integrated Class A: Integrated	Class B: Integrated Class A: Integrated	Class B: Integrated
Communication with remote annunciators RS-485	Class B: Integrated Class A: Integrated	Class B: Integrated	Class B: Integrated
Relays on the main board	3 programmable	3 programmable	3 programmable
LED zone display during alarm	+	-	-
NAC outputs for sounders and strobes	2	1	1
Computer communications connections	RS-232, USB TCP/IP optional	RS-232, USB TCP/IP optional	RS-232, USB TCP/IP optional
Integral address programmer	+	+	+
Screen	LCD 240x44 pixels	LCD 240x44 pixels	LCD 240x44 pixels
History	9999 faults 9999 alarms	9999 faults 9999 alarms	1000 faults 250 alarms
Diagnostic tools for the addressable device line - SLC	Integral	Integral	Integral
Diagnostic tools for the control panel's network	Integral	-	-
Diagnostic tools for the remote annunciators line - RS-485	Integral	Integral	Integral
Programming site specific data	During operation without pausing the system	During operation without pausing the system	During operation without pausing the system
Control unit software updating	During operation without pausing the system	During operation without pausing the system	During operation without pausing the system
Updating the software from one control unit to another	All control units can be updated from one unit	-	-
Advanced matrixes using virtual devices	Integral	Integral	Integral
Addressable fault capabilities including general fault or matrix fault activations	Integral	Integral	Integral
Support for addressable, voice evacuation system	+	+	-
Control for addressable, firemen's phone	+	+	+
Smoke control capabilities compliant with NFPA-92 requirements	+	+	-
Display and control for each unit in the network	+	-	-
Connection in peer-to-peer or master/slave configuration	+	-	-
Strobe synchronization for indications on the main panel for each loop	+	+	+

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For over 40 years, Telefire has developed, designed, manufactured, advised on and delivered fire detection and extinguishing systems, control systems and computerized alert and indication systems.

Telefire is a global leader in fire detection and extinguishing systems. The company develops and manufactures systems, which interface with a broad range of control systems and combine development with the application of innovative technologies.



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