



Product Catalog

**SIMPLEX
FOUNDATION SERIES**

The Simplex Foundation Series brings Simplex performance, reliability and innovation to projects that are smaller in scope – delivering a full family of addressable and conventional systems that couldn't be easier to design, install and maintain.

Simplex engineering gives the Foundation Series unparalleled flexibility, performance and reliability. Opt for a conventional system for more basic needs – or select an addressable system and reap the many benefits it delivers during installation, testing and troubleshooting. Choose the central station connectivity that best suits your facility's needs: IP LAN, IP cellular or standard telephone. And if an addressable system is your choice, QR codes on each sensor make it easy to program the system. All it takes is the free mobile app and a touch of your smartphone to the control unit. No classroom training is required for technicians.

Simply put, the Foundation Series offers a powerful, value-packed fire and life safety solution life safety solution for years to come.

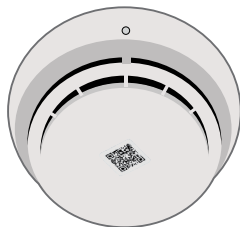


A NEW FOUNDATION FOR FASTER, EASIER INSTALLATIONS.

The Simplex Foundation Series may be designed for projects that are smaller in scope, but they deliver big benefits to contractors, building owners and facility managers. The family includes a complete line of addressable and conventional control units and a broad choice of sensors and notification appliances.

Visit **simplex-fire.com** or contact your Simplex representative to learn more about the benefits of the Foundation Series.





Control units

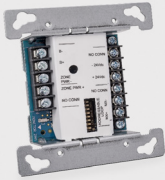
Simplex Foundation Series control units put you squarely in control of system installation and programming. With a compact design, a choice of addressable and conventional models, multiple connectivity options and easy programming, Foundation Series control units bring world-class Simplex protection to smaller scale projects.

Product	Part number	Description
	2004-9101	The conventional 2004FS provides 4 zones of detection, 1 synchronized NAC, an on-board conventional DACT and a LED user interface. Programmable using integrated DIP switches, the 2004FS supports up to 2 LED annunciators.
	2008-9101	Higher capacity than the 2004FS, the conventional 2008FS supports up to 8 zones of detection, 2 synchronized NACs, 4 LCD annunciators and an on-board DACT. It includes a 2x20 LCD and membrane keypad for easy use and may be programmed at the panel or using PC-based software.
	2050-9101	Upgrade your system with addressable technology. 2050FS supports up to 50 MX addressable detection devices, 2 synchronized NACs and up to 8 LCD annunciators. The user interface is a large 4x40 LCD and membrane keypad. Highly flexible and easy to configure either a mobile app or PC-based programming tool, the 2050FS offers central station communication using an IP-DACT that supports land-line telephone, ethernet or cellular connections.
	2250-9101	Foundation Series' highest capacity control unit, the MX addressable 2250FS supports up to 250 addressable detection devices, 4 synchronized NACs and up to 8 LCD annunciators. The large 4x40 LCD and membrane keypad makes the system simple to use, and configuration can be done using a mobile app or PC-based programming software. Central station communication is available using an IP-DACT that supports land-line telephone, ethernet or cellular connections.

Initiating devices

The early detection of fire is critical to giving building occupants as much time as possible to escape and to limit property damage. Simplex Foundation Series sensors are designed to identify emergency conditions while reducing nuisance alarms that disrupt building operations and desensitize occupants. The product line includes a full range of addressable and conventional sensors – including multi-sensor detectors – and pull stations to address a broad range of applications and environments.

Product	Part number	Description	Control unit compatibility			
			2004FS	2008FS	2050FS	2250FS
	4098-5290	MX Triple Sensor with Address Switch (SSD Cover)	-	-	x	x
	4098-5291	MX Photo/Heat Sensor with Address Switch (SSD Cover)	-	-	x	x
	4098-5292	MX Photo Sensor with Address Switch (SSD Cover)	-	-	x	x
	4098-5293	MX Heat Sensor with Address Switch (SSD Cover)	-	-	x	x

Product	Part number	Description	Control unit compatibility			
			2004FS	2008FS	2050FS	2250FS
	4090-5258	Mini IAM (With DIP Switch)	-	-	x	x
	4090-5259	Relay IAM (With DIP Switch)	-	-	x	x
	4090-5260	Monitor ZAM (With DIP Switch)	-	-	x	x
	4099-5214	Pullstation Single Action (With DIP Switch)	-	-	x	x
	4099-5215	Pullstation, DA Break Glass (With DIP Switch)	-	-	x	x
	4099-5216	Double Action Station (Push Type)	-	-	x	x

Control units

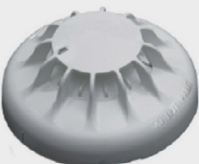
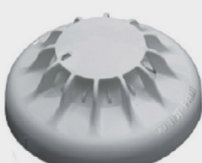
Initiating devices

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Product	Part number	Description	Control unit compatibility			
			2004FS	2008FS	2050FS	2250FS
	4090-5206	Line Isolator Module	-	-	x	x
	517.035.011	Line Isolator Module Back Box - Steel, Surface Mounting, Dimensions (HxWxD) 5.75 in. x 3.40 in x 1.57 in [146 x 86 x 40 mm]	-	-	x	x
	517.035.015	Line Isolator Module Back Box - Plastic, Flush Dry Lining Mounting, Dimensions (HxWxD) 5.75 in. x 3.35 in x 1.50 in [146 x 85 x 38 mm]	-	-	x	x
	4098-5601	Photoelectric Smoke Detector	x	x	-	-
	4098-5602	Photo + Heat Detector	x	x	-	-
	4098-5610	Heat rate of rise & fixed (135F)	x	x	-	-
	4098-5611	Heat fixed (135F)	x	x	-	-
	4098-5612	Heat fixed (200F)	x	x	-	-

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Product	Part number	Description	Control unit compatibility			
			2004FS	2008FS	2050FS	2250FS
	4098-5613	Heat rate of rise & fixed (200F)	x	x	-	-
	4098-5685	2-Wire Duct Detector with Housing & Relay	x	x	-	-
	4098-5686	4-Wire Duct Detector with Housing & Relay	x	x	-	-
	4098-9688	2-Wire Duct Detector with Housing & Relay	x	x	-	-
	4098-9686	4-Wire Duct Detector with Housing & Relay	x	x	-	-
	4098-5261	4" Standard Base. Used when short circuit isolation is not required.	x	x	x	x

Control units

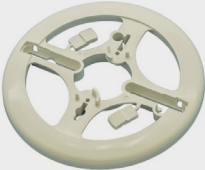
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Product	Part number	Description	Control unit compatibility			
			2004FS	2008FS	2050FS	2250FS
	4098-5210	4" MX Digital Loop LP Sounder Base (85dB at 10 ft))	-	-	x	x
	4098-5207	5" Addressable Sensor Base with Remote LED Output	-	-	x	x
	2098-9808	Remote LED Indicator	x	x	x	x
	4098-9799	6" Adaptor for 5" Base	-	-	x	x
	4098-5227	5 inch adaptor for 5210	-	-	x	x
	4098-5228	6 inch adaptor for 5210	-	-	x	x

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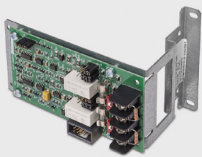
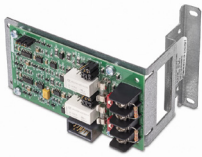
Annunciators

Accessories

Part number	Description	Control unit compatibility			
		2004FS	2008FS	2050FS	2250FS
4098-5680	5" 2-Wire (IDC powered) Relay Base	x	x	-	-
4098-5682	5" 4-Wire (separate power required) Relay Base	x	x	-	-
4098-5214	Duct sensor housing only (Addressable) (addressable sensor need to be ordered separately)	-	-	x	x
4098-9854	Sampling tube for 12 in. (305 mm) duct width	-	-	x	x
4098-9855	Sample tube for 13 in. to 23 in. (330 mm to 584 mm) duct width	-	-	x	x
4098-9856	Sample tube for 24 in. to 46 in. (610 mm to 1168 mm) duct width	-	-	x	x
4098-9857	Sample tube for 46 in. to 71 in. (1168 mm to 1803 mm) duct width	-	-	x	x
4098-9858	Sample tube for 71 in. to 95 in. (1803 mm to 2413 mm) duct width	-	-	x	x

Modules

Connect conventional devices, like flow switches, with Simplex's addressable modules. A wide range of innovative addressable modules, including multi-point modules that permit individual reporting from multiple devices – like flow and tamper switches – on the same circuit and isolator modules that protect power wiring from short circuits and ground faults.

Product	Part number	Description	Control unit compatibility			
			2004FS	2008FS	2050FS	2250FS
	2250-9800	Connected Services Gateway with IP Communicator Module (Supports PI, standard telephone line, and Cellular communications)	-	-	x	x
	2050-9909	City Circuit Module with disconnect switch for addressable panels (with chassis)	-	-	x	x
	2004-9909	City Circuit Module with disconnect switch for conv panel (with chassis)	x	x	-	-

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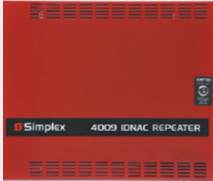
Annunciators

Accessories

Part number	Description	Control unit compatibility			
		2004FS	2008FS	2050FS	2250FS
2975-9234	Connected Services Gateway External Box - Red	-	-	x	x
4007-6417	GSM 4G/LTE Cellular module kit	-	-	x	x
4007-6405	15 feet (4.57 m) antenna extension kit	-	-	x	x
4007-6406	25 feet (7.62 m) antenna extension kit	-	-	x	x
4007-6407	50 feet (15.24 m) antenna extension kit	-	-	x	x
734-383	Communication cable for external gateway module application	-	-	x	x
2081-9411	Battery Bracket Addressable (For seismic use)	-	-	x	x
2081-9410	Battery Bracket Conventional (For seismic use)	x	x	-	-
2975-9812	Semi-Flush Trim Kit (Red trim)	x	x	x	x

Notification appliances

Nothing is more important in an emergency than promptly alerting occupants to danger and guiding them to safety. The Simplex Foundation Series fulfills these needs with a full selection of notification appliances, including wall- and ceiling-mounted horns and strobes.

Product	Part number	Description
	4009-9201	4009 IDNet NAC Extender with 4, Class B NACs and 8 A power supply (120 VAC input) (seismic tested) (UL Listed)
	4009-9301	4009 IDNet NAC Extender with 4, Class B NACs and 8 A power supply (240 VAC input) (UL Listed)
	49CMTV-WRF	TrueAlert Non-Addressable MultiTone Horn/Strobe, Wall-Mount, Red, "FIRE"
	49CMTV-WRF-BA	TrueAlert Non-Addressable MultiTone Horn/Strobe, Wall-Mount, Red, "FIRE", BA

Product	Part number	Description
	4904-9346	Visible Notification Appliance, Ceiling-Mount, 30cd, 24V, Free-Run/Sync, White, Blank
	4903-9252	Audio/Visible Notification Appliance, Wall-Mount, 4-Wire, 15cd, Free-Run/Sync, Red, "FIRE" & Logo (horizontal mount)
	4903-9253	Audio/Visible Notification Appliance, Wall-Mount, 4-Wire, 30cd, Free-Run/Sync, Red, "FIRE" & Logo (horizontal mount)
	4903-9254	Audio/Visible Notification Appliance, Wall-Mount, 4-Wire, 110cd, Free-Run/Sync, Red, "FIRE" & Logo (horizontal mount)
	4903-9255	Audio/Visible Notification Appliance, Wall-Mount, 4-Wire, 15cd, Free-Run/Sync, Red, "FIRE" & Logo (vertical mount)
	4904-9174	Visible Notification Appliance, Wall-Mount, 30cd, Free-Run/Sync, Red, "FIRE" & Logo (vertical mount)

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Product	Part number	Description
	4904-9175	Visible Notification Appliance, Wall-Mount, 110cd, Free-Run/Sync, Red, "FIRE" & Logo (vertical mount)
	4904-9176	Visible Notification Appliance, Wall-Mount, 15cd, Free-Run/Sync, Red, "FIRE" & Logo (vertical mount)
	4904-9177	Visible Notification Appliance, Wall-Mount, 15cd, Free-Run/Sync, White, "FIRE" & Logo (vertical mount)
	4904-9178	Visible Notification Appliance, Wall-Mount, 15cd, Free-Run/Sync, Red, "FIRE" & Logo (horizontal mount)
	4906-9102	TrueAlert Multi-Candela Strobe, Ceiling-Mount, 15/30/75/110cd, Red, "FIRE"
	4906-9104	TrueAlert Multi-Candela Strobe, Ceiling-Mount, 15/30/75/110cd, White, "FIRE"
	4906-9110	TrueAlert Multi-Candela Strobe, Wall-Mount, High-Candela 135/177/185cd, White, "FIRE"

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Product	Part number	Description
	4906-9112	TrueAlert Multi-Candela Strobe, Ceiling-Mount, High-Candela 135/177/185cd, White, "FIRE"
	4906-9114	TrueAlert Multi-Candela Strobe, Ceiling-Mount, 15/30/75/110cd, Red, "ALERT"
	4906-9115	TrueAlert Multi-Candela Strobe, Ceiling-Mount, 15/30/75/110cd, White, "ALERT"
	4906-9116	TrueAlert Multi-Candela Strobe, Ceiling-Mount, 15/30/75/110cd, Red, Blank
	4906-9117	TrueAlert Multi-Candela Strobe, Ceiling-Mount, 15/30/75/110cd, White, Blank
	4906-9128	TrueAlert Multi-Candela Horn/Strobe, Ceiling-Mount, 15/30/75/110cd, Red, "FIRE"

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Product	Part number	Description
	4906-9130	TrueAlert Multi-Candela Horn/Strobe, Ceiling-Mount, 15/30/75/110cd, White, "FIRE"
	4906-9140	TrueAlert Multi-Candela Horn/Strobe, Ceiling-Mount, High-Candela 135/177/185cd, Red, "FIRE"
	4906-9142	TrueAlert Multi-Candela Horn/Strobe, Ceiling-Mount, High-Candela 135/177/185cd, White, "FIRE"
	4901-9820	TrueAlert Non-Addressable Horn, Free-Run/SmartSync, Red, Logo Only
	4906-9127	TrueAlert Multi-Candela Horn/Strobe, Wall-Mount, 15/30/75/110cd, Red, "FIRE"
	4906-9129	TrueAlert Multi-Candela Horn/Strobe, Wall-Mount, 15/30/75/110cd, White, "FIRE"

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Product	Part number	Description
	4906-9139	TrueAlert Multi-Candela Horn/Strobe, Wall-Mount, High-Candela 135/177/185cd, Red, "FIRE"
	4906-9141	TrueAlert Multi-Candela Horn/Strobe, Wall-Mount, High-Candela 135/177/185cd, White, "FIRE"
	4903-9425	TrueAlert Non-Addressable Horn/Strobe, Wall-Mount, 4-Wire, 15cd, Free-Run/Sync, Red, "FIRE"
	4903-9426	TrueAlert Non-Addressable Horn/Strobe, Wall-Mount, 4-Wire, 75cd, Free-Run/Sync, Red, "FIRE"
	4903-9427	TrueAlert Non-Addressable Horn/Strobe, Wall-Mount, 4-Wire, 110cd, Free-Run/Sync, Red, "FIRE"
	4903-9431	TrueAlert Non-Addressable Horn/Strobe, Wall-Mount, 4-Wire, 15cd, Free-Run/Sync, White, "FIRE"

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Product	Part number	Description
	4903-9432	TrueAlert Non-Addressable Horn/Strobe, Wall-Mount, 4-Wire, 75cd, Free-Run/Sync, White, "FIRE"
	4903-9433	TrueAlert Non-Addressable Horn/Strobe, Wall-Mount, 4-Wire, 110cd, Free-Run/Sync, White, "FIRE"
	4901-9858	Non-Addressable Mini-Horn, SmartSYNC, Red, Blank
	4901-9859	Non-Addressable Mini-Horn, SmartSYNC, White, Blank
	4906-9101	TrueAlert Multi-Candela Strobe, Wall-Mount, 15/30/75/110cd, Red, "FIRE"
	4906-9103	TrueAlert Multi-Candela Strobe, Wall-Mount, 15/30/75/110cd, White, "FIRE"

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Product	Part number	Description
	4906-9107	TrueAlert Multi-Candela Strobe, Wall-Mount, 15/30/75/110cd, White, Amber Lens, "ALERT"
	4906-9108	TrueAlert Multi-Candela Strobe, Wall-Mount, 15/30/75/110cd, Red, Amber Lens, "ALERT"
	4906-9109	TrueAlert Multi-Candela Strobe, Wall-Mount, High-Candela 135/177/185cd, Red, "FIRE"
	4906-9111	TrueAlert Multi-Candela Strobe, Wall-Mount, High-Candela 135/177/185cd, White, "FIRE"
	4904-9168	TrueAlert Non-Addressable Strobe, Wall-Mount, 15cd, 24V, Free-Run, Red, "Fire" & Logo
	4904-9169	TrueAlert Non-Addressable Strobe, Wall-Mount, 75cd, 24V, Free-Run, Red, "Fire" & Logo

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Product	Part number	Description
	4904-9170	TrueAlert Non-Addressable Strobe, Wall-Mount, 110cd, 24V, Free-Run, Red, "Fire" & Logo
	4904-9171	TrueAlert Non-Addressable Strobe, Wall-Mount, 15cd, 24V, Free-Run, White, "Fire" & Logo
	4904-9172	TrueAlert Non-Addressable Strobe, Wall-Mount, 75cd, 24V, Free-Run, White, "Fire" & Logo
	4904-9173	TrueAlertNon-Addressable Strobe, Wall-Mount, 110cd, 24V, Free-Run, White, "Fire" & Logo
	4906-9131	TrueAlert Multi-Candela Horn/Strobe, Wall-Mount, Weatherproof, 15/60/75/WP75cd, Red, "FIRE" (order back box separately)
	4906-9132	TrueAlert Multi-Candela Horn/Strobe, Wall-Mount, Weatherproof, 15/60/75/WP75cd, White, "FIRE" (order back box separately)

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Product	Part number	Description
	4906-9143	TrueAlert Multi-Candela Horn/Strobe, Wall-Mount, Weatherproof, ULC, 5/20/30cd, Red, "FIRE" (order back box separately)
	4906-9105	TrueAlert Multi-Candela Strobe, Wall-Mount, Weatherproof, 15/60/75/WP75cd, Red, "FIRE" (order back box separately)
	4906-9106	TrueAlert Multi-Candela Strobe, Wall-Mount, Weatherproof, 15/60/75/WP75cd, White, "FIRE" (order back box separately)
	4906-9113	TrueAlert Multi-Candela Strobe, Wall-Mount, Weatherproof, ULC, 5/20/30cd, Red, "FIRE" (order back box separately)
	4906-9135	Non-Addressable Chime/Strobe, Ceiling-Mount, 15/30/75/110/135/185cd, SmartSYNC, Red, "FIRE"
	4906-9136	Non-Addressable Chime/Strobe, Ceiling-Mount, 15/30/75/110/135/185cd, SmartSYNC, White, "FIRE"

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Product	Part number	Description
	49CMT-WRF	TrueAlert Non-Addressable MultiTone Horn, Wall/Ceiling-Mount, Red, "FIRE"
	49CMT-WRF-BA	TrueAlert Non-Addressable MultiTone Horn, Wall/Ceiling-Mount, Red, "FIRE", BA
	49CMT-WWF	TrueAlert Non-Addressable MultiTone Horn, Wall/Ceiling-Mount, White, "FIRE"
	49CMT-WWF-BA	TrueAlert Non-Addressable MultiTone Horn, Wall/Ceiling-Mount, White, "FIRE", BA
	49CMTV-WWF	TrueAlert Non-Addressable MultiTone Horn/Strobe, Wall-Mount, White, "FIRE"
	49CMTV-WWF-BA	TrueAlert Non-Addressable MultiTone Horn/Strobe, Wall-Mount, White, "FIRE", BA

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Product	Part number	Description
	4902-9210	Non-Addressable Chime, SmartSYNC, Red, "FIRE"
	4902-9211	Non-Addressable Chime, SmartSYNC, White, "FIRE"
	4906-9133	Non-Addressable Chime/Strobe, 15/30/75/110/135/185cd, SmartSYNC, Red, "FIRE"
	4906-9134	Non-Addressable Chime/Strobe, 15/30/75/110/135/185cd, SmartSYNC, White, "FIRE"

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Part number	Description
49CMT-APPLW	TrueAlert Non-Addressable MultiTone Horn Appliance Electronics, Wall/Ceiling-Mount (order mounting plate and cover separately)
49CMT-APPLW-BA	TrueAlert Non-Addressable MultiTone Horn Appliance Electronics, Wall/Ceiling-Mount, BA (order mounting plate and cover separately)
49CMTV-APPLW	TrueAlert Non-Addressable MultiTone Horn/Strobe Appliance Electronics, Wall-Mount, 15/30/75/110/135/185cd (order mounting plate and cover separately)
49CMTV-APPLW-BA	TrueAlert Non-Addressable MultiTone Horn/Strobe Appliance Electronics, Wall-Mount, 15/30/75/110/135/185cd, BA (order mounting plate and cover separately)
4009-9808	Dual Class A adapter (for two NAC outputs) (4 maximum)
4009-9807	NAC Option Card - adds four conventional Notification Appliance Circuits. (1 maximum)

Annunciators

Having continuously visible and accurate status updates is crucial to an effective fire alarm system. Available in both LCD and LED versions, Foundation Series annunciators deliver precise alarm locations, call attention to system issues and enable remote status information and system controls.

Product	Part number	Description	Control unit compatibility			
			2004FS	2008FS	2050FS	2250FS
	2606-9111	LED Annunciator	x	-	-	-
	2606-9101	LCD Annunciator	-	x	x	x

Part number	Description	Control unit compatibility			
		2004FS	2008FS	2050FS	2250FS
2975-9239	Annunciator Back Box - Red	x	x	x	x

Accessories

A fire detection system isn't a complete solution until you tailor it to the unique needs of your facility and its occupants. That's why Foundation Series offers a complete selection of accessories. They include everything from batteries to surge protectors, relays, end of line resistors and more.

Part number	Description
2081-9286	12VDC, 7Ah Battery
2081-9274	12VDC, 10Ah Battery
2081-9288	12VDC, 12.7Ah Battery
2081-9275	12VDC, 18Ah Battery
2081-9287	12VDC, 25Ah Battery

Part number	Description
2081-9028	Isolated Loop Circuit Protector (Note: if wiring is routed outside the building, use of a listed secondary protector is required. For: NAC, DACT, Annunciator, City circuits & Aux power.)
2081-9044	Overvoltage Suppressor (Note: if wiring is routed outside the building, use of a listed secondary protector is required. For: NAC, DACT, Annunciator, City circuits & Aux power.)
2098-9735	End-Of-Line Supervision Relay
SSU-SC-311/C/R	Elevator Relay



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