SmartOne® Hand-held Device Programmer

- For all generations of SmartOne devices
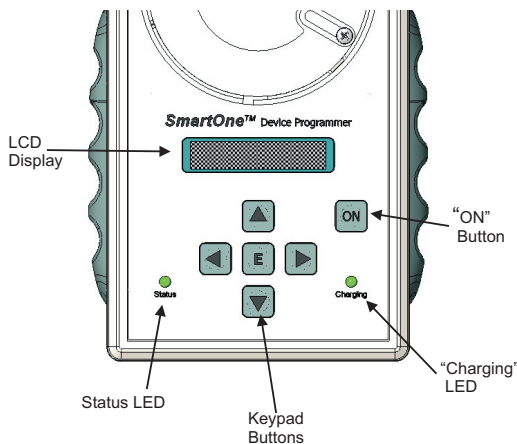## - For DS and KS series detectors

Kidde Fire Systems

FEATURES

- **Single or sequential device addressing modes**
- **Compact design; user-friendly**
- **AC and battery power operation**
- **Adjustable LCD Contrast**
- **Integral detector base for older detectors**
- **Adapter Base for DS and KS Series Detectors included**
- **Adapter Base for AI and AO modules included**
- **SLC Interface Adapter Connector—no SLC wiring**
- **Less than 15 seconds addressing time per device**

DESCRIPTION

The Hand-held Device Programmer provides a convenient means to assign device address information and test device operation. The Programmer is designed to support all SmartOne intelligent and addressable devices, including DS/KS Series Detectors. Programming adapters are provided in kit.

Note: Prior to using the Programmer, ensure that you have the following accessories:

- SLC Interface Adapter
- AC Adapter (120V or 240V)
- AI/AO Module Programming Adapter for newer modules
- DS/KS Series Programming Adapter
- 4 NiMH Rechargeable AA Batteries
- Storage Case

MAIN MENU LEVEL SELECTIONS

To access Main Menu selections, press the **<↑>** and **<↓>** buttons until the LCD display shows the desired selection, then press **<E>**. There are four Main Menu selections:

- **Single Addressing** - Set an address for a single device at a time.
- **Sequential Addressing** - Set an address **range** (with a start address and end address), and give each device a unique address within that range. Program multiple devices quickly, and reduce the possibility of setting duplicate addresses.
- **Alarm Test** - Test the alarm initiating responses of initiating devices. A device that fails the Alarm Test should not be installed.
- **Options** - Adjust LCD settings; show current firmware version; adjust the Power-Off timer.

GENERAL MENU NAVIGATION

General menu navigation rules include the following keypad instructions:

1. Press the **<↑>** and **<↓>** buttons to navigate the menu **levels**.
2. Press **<E>** (**Enter**) to enter any **sub-menu** from any higher level.
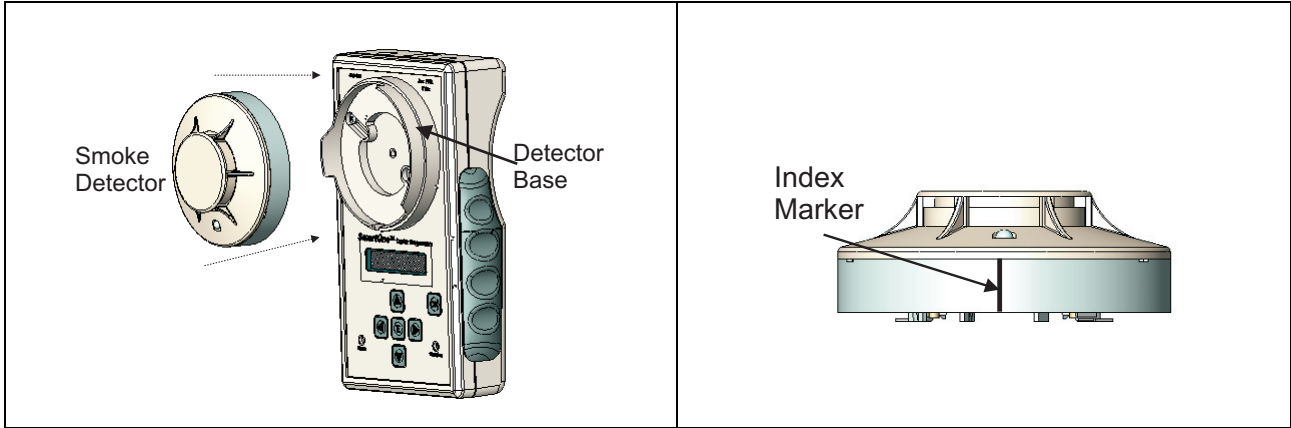- Press the **<←>** button to return to a **previous menu**.

CONNECTING TO VARIOUS SMARTONE DEVICES

Note: The power may be ON or OFF when connecting a SmartOne device to the Hand-held Programmer.

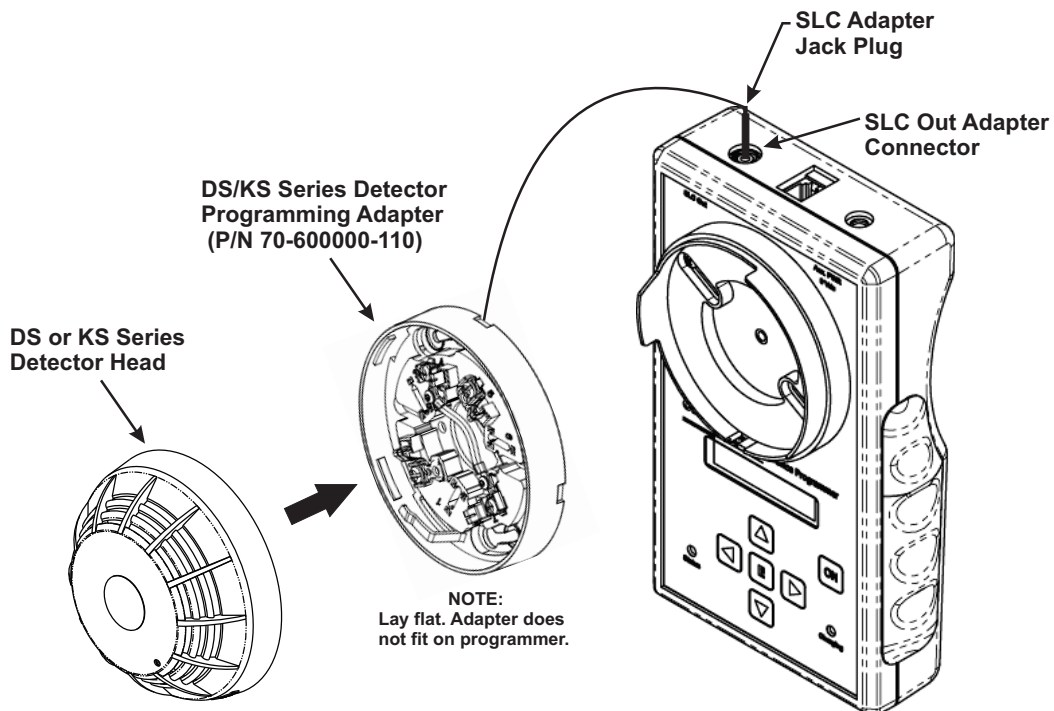### Older Generation Smoke/Heat Detectors

Snap the detector into the detector base, orient the index marker on the device to the five o'clock position, then rotate clockwise.

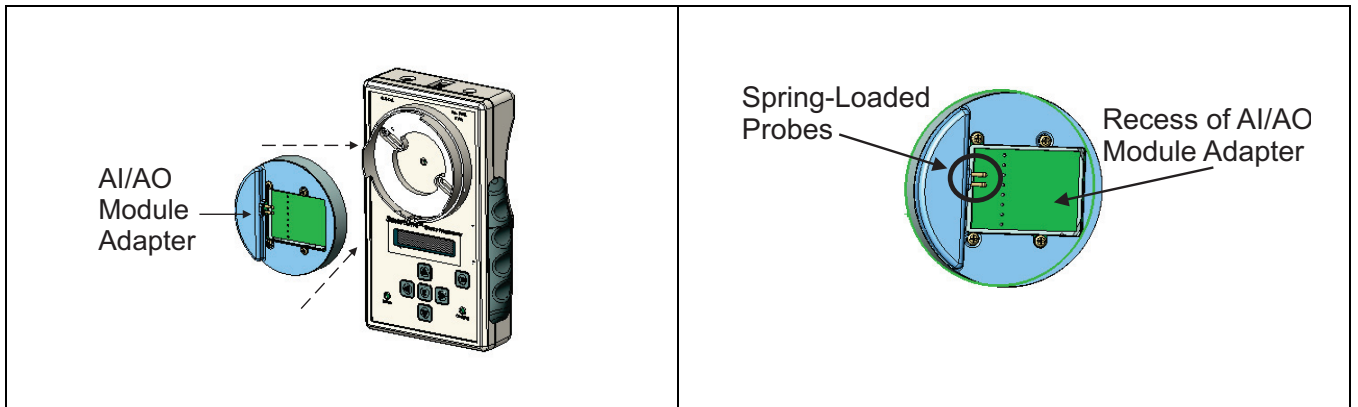### DS and KS Series Detectors

A fixture that allows the DS and KS Series Detectors to be programmed via the SmartOne Hand-held Programmer is included with the programmer and also available separately (P/N 70-600000-110). The adapter is a base with an attached wire and jack which plugs directly into the programmer. It does not mount onto the programmer. The detector head is then attached to the connected base for programming. The following detector heads fit onto the fixture:

- **DS-PS Intelligent Photoelectric Detector**
- **DS-HFS Intelligent Fixed Temperature Thermal Detector**

- **KS-PS Intelligent Photoelectric Detector**
- **KS-HD Intelligent Heat Detector**
- **KS-PHD Intelligent Combination Photoelectric Heat Detector**

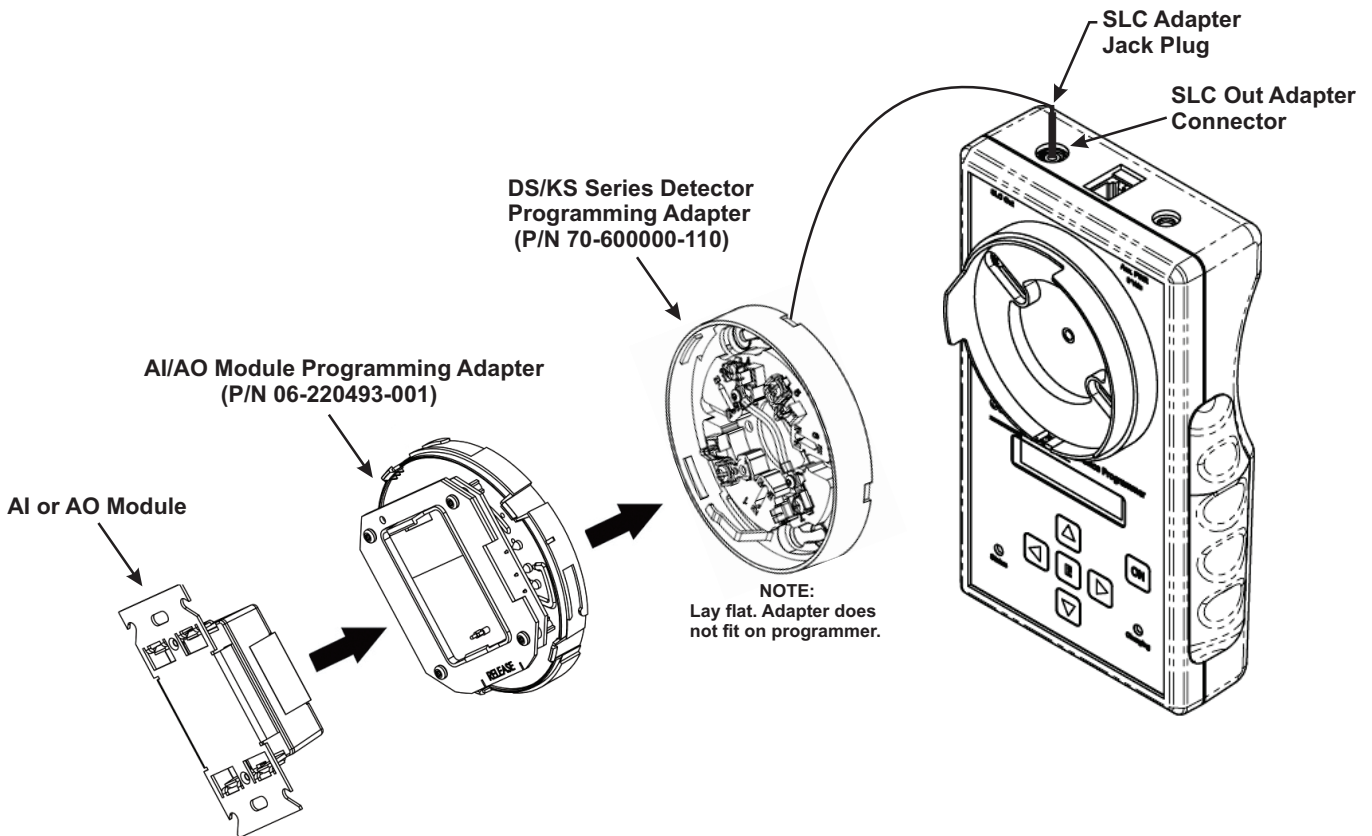**Older Generation Addressable Input (AI) and Addressable Output (AO) Modules**

Connect the legacy AI/AO Module Adapter to the detector base and rotate clockwise. Insert the AI or AO module into the adapter with the terminal block facing left. Tilt the module into the recess of the adapter such that the terminal block screws make contact with the spring-loaded probes; then snap the back of the module into the right half of the recess.

New Generation Addressable Input (AI) and Addressable Output (AO) Modules

A fixture that allows new generation AI and AO modules to be programmed via the SmartOne Hand-held Programmer is included with the programmer and also available separately (P/N 06-220493-001). The adapter is a base with a printed circuit board which fits directly onto the DS/KS Series Detector Programming Adapter (which then plugs directly into the SLC Out port of the programmer.) It does not mount onto the programmer. An AI or AO module snaps into place on the assembly, oriented with the 4-pin terminals at the top and 6-pin terminals at the bottom. The following modules fit onto the fixture:

- **Class A/2B Addressable Input Module**
- **Class B Addressable Input Module**
- **Single Addressable Output Module**
- **Dual Addressable Output Module**

Other Devices

Plug the SLC Interface Adapter jack into the Programmer Connector marked "SLC OUT." Locate terminal blocks on device labeled "SLC" or "PC Line." Connect one SLC Interface Adapter wire to Terminal "A" on the device, and the other wire to Terminal "B."

SUPPORTED DEVICES

SmartOne Device	Part No.
Ionization Detectors	70-402001-100
	70-401001-000
	70-401002-000
	70-401004-000
Photoelectric Detectors	71-402001-100
	71-401001-000
	71-401002-000
	71-401004-000
	KS-PS
	DS-PS
Duct Detector	DS-SD
Heat Detector	KS-HD
	DS-HFS
	70-404001-100
Combination Photo /Heat Detector	KS-PHD
Addressable Contact Input Devices	70-417008-001
	70-417018-001
	70-417008-002
	70-407008-001
	70-407018-001
	70-610001-001 *
	70-620001-001 *
	70-407008-002
Addressable Contact Output Devices	70-408004-001
	70-518004-001 *
	70-528004-001 *
	70-408014-001
Addressable Signal/Sounder Module	70-200200-001 70-200200-002
Addressable AlarmLine Module	73-100001-003
Remote Releasing Module	70-600000-001 70-600000-002
Class A Power Module	70-210210-100

* Newer modules

ORDERING INFORMATION

Part No.	Description
70-600000-100	SmartOne Hand-held Device Programmer (complete unit) Contents include the following: • SLC Interface Adapter • AC Adapter (120/240V) • AI/AO Module Adapter (for newer modules) • 4 NiMH Rechargeable AA Batteries • Storage Case • Includes one (1) DS/KS Series Detector Programming Adapter
70-600000-101	SmartOne Hand-held Device Programmer— only with SLC Interface Adapter and Quick Reference Guide. (Does **NOT** include other Adapters, Batteries, or Storage Case.)
06-220197-001	Accessory Kit—contents include the following: • SLC Interface Adapter • AC Adapter (120/240V) • AI/AO Module Adapter (for newer modules)
70-600000-110	DS/KS Series Detector Programming Adapter
06-220493-001	AI/AO Module Programming Adapter (for newer modules)

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