

TCH-B100-NS HAND-HELD PROGRAMMER



APPLICATION

TCH-B100-NS is designed for use with the following products:

ALG-V	Analog Photoelectric Smoke Sensor
AIE-EA	Analog Ionization Smoke Sensor
ATG-EA	Analog Heat Sensor
FRCME-S	DCP Fast Response Contact Module
FRCME-4	DCP Fast Response Contact Monitor
SOM	DCP Signal Output Module
R2M	DCP Dual Relay Module

STANDARD FEATURES

- Compact unit
- Easy to use
- Provides address setting and reading
- Can be used on both sensors and modules
- Has the diagnostic ability to display the analogue value
- Automatically increments the address ready to set the address of the next sensor.
- Automatically switches the power off after use.

SPECIFICATIONS

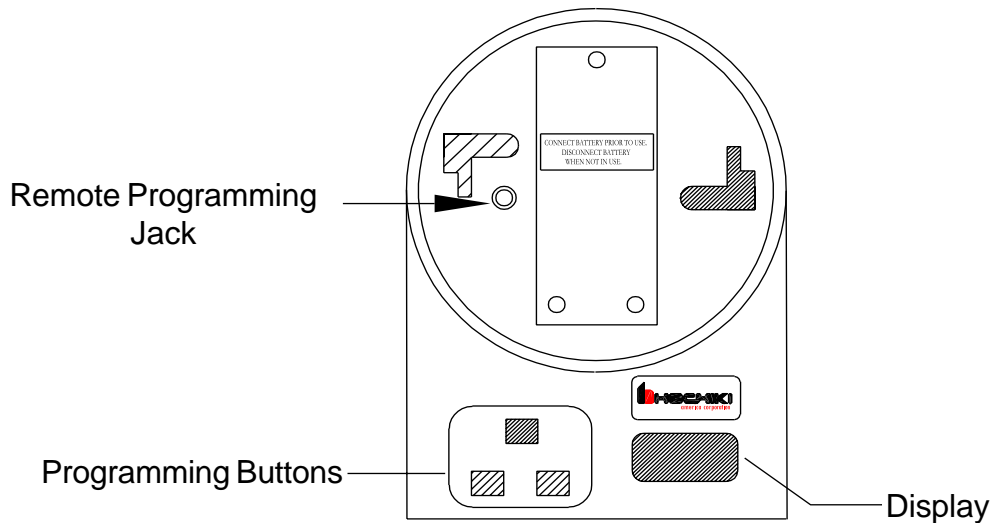
Rated Voltage:	9 VDC
Battery:	9 VDC
Combustion Material:	N/A
Weight:	0.34 lbs
Length:	6 1/4"
Color:	White

ADDRESS SETTING:

1. Install sensor onto programmer, ensuring that sensor protrusions align with programmer grooves.
2. Press the left gray button to switch programmed on. A battery check message will appear followed by the devices address (Unprogrammed sensors will read address 127).
3. Set the required address by incrementing the left and right gray buttons (the display will show three red flashing dots if the address being programmed is different from the device's current address).
4. When the desired address is present, press the red button to store that address. The three red dots on the display will no longer be present.

PRODUCT PARTS

- 9 Volts Battery
- Remote Programming Cables



PROGRAMMING BUTTONS:

LEFT GRAY BUTTON

Power on. Automatically reads the address of a sensor. Subsequent operations will advance the device address by ten.

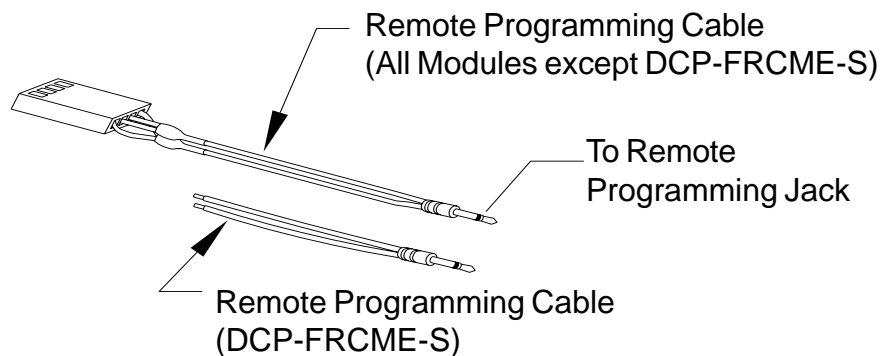
RIGHT GRAY BUTTON

Power off. Advances the device address by one.

RED BUTTON

Stores the displayed address to the device and is used to read sensor analog levels.

NOTE: Prior to programming, ensure battery is connected.



TESTING A DETECTOR:

READING ANALOG VALUE:

NOTE: For IONIZATION sensors, do not read analog value for 30 seconds (stabilization period).

1. Install the sensor and power up programmer as previously described on page 1.
2. Press the red button. An "A" will appear on the display followed by the analog value. This value will be continuously updated for three minutes or until the unit is turned OFF.

DISPLAY MESSAGES:

- bAt- On upon power up (battery check). Also on when battery is low. Low battery good for up to 3,000 address setting operation.
- E0 - Attempting to set an address beyond 127.
- E1 - Attempting to program an address with no device connected.
- E2 - Can not find device after power up.
- E3 - Invalid sensor response.
- E4 - Can not find the device program.
- E5 - Device read error.
- E6 - Fail during Analog value reading