850 Series
Generation 6 *MX* Engineering Management Tool

The 850EMT Engineering Management Tool is a powerful and flexible tool used in the installation, commissioning, diagnostics and servicing of Tyco *MX* detection systems.

Features

// Compatible with *MX* Addressable Loop on SIMPLEX 4100ESi, VIGILANT *MX1* and VIGILANT MX4428 panels

// Simplifies installation & commissioning

// Bidirectional IR link allows remote detector programming, interrogation and testing

// Programs all *MX* Detectors & Ancillaries

// 320x240 QVGA Backlit TFT Touch Screen

When used with compatible Tyco *MX* detection systems, the 850EMT can interrogate, address and test the 850 Series detectors and devices. Any *MX* detector can be plugged on directly; *MX* modules are connected using an ancillary lead (supplied).

Bidirectional IR Link

A unique feature is the ability of the 850EMT to communicate with the 850 series detectors on some Tyco *MX* fire alarm systems using a bidirectional infrared wireless link. This allows the commissioning and servicing of 850 Series detectors from ground level without the requirements of high ladders or cherry pickers. Programming, testing and verification of a detector can be carried out by a single visit to the device - from the ground. This is a major benefit: saving time, costs and the health and safety of commissioning technicians.

The 850EMTK Kit consists of:
• 850EMT Service Tool
• 6x AA NiMH rechargeable batteries
• 240VAC mains adaptor
• 12Vdc car adaptor
• Ancillary programming lead
• Spare pins for the programming lead
• Carry case and shoulder strap.

Specifications

Dimensions	48 x 200 x 112mm
Weight	500g incl. batteries
Battery	6x AA NiMH rechargeable
Battery Life	up to 15 hrs operation/charge
Mains	240VAC to 12Vdc Adaptor
IR Range (selectable)	up to 5m / 5m to 15m
Ambient Temperature	0°C to +50°C
Relative Humidity	10% to 95% (non cond.)

Part Numbers

850EMTK	850EMT Service Tool Kit
516.850.904	Stylus
516.800.922	Ancillary Lead
516.800.923	Carry Case & Accessories
516.800.924	Anc. Lead Spare Pins (Pk 10)

850EMTK 850EMT Service Tool Kit

Left Side View
1 - DC IN 12V External Connector
2 - Power On/Off Switch

Right Side View
1 - AUX Cable Port
2 - COM Port
3 - Belt Strap Holder
4 - Stylus

Top View
1 – Detector on Tool Base
    Twist detector clockwise to engage
    and lock in position
2 – Ancillary Lead
    Used for programming *MX* devices
3 – Escape Button
4 – OK Button
5 – Up Arrow Button
6 – Down Arrow Button
7 - LCD Touch Screen

Access Information

To access all the available options, you need to log on using a standard PIN.
Once successfully logged in, there are 5 options including: DEVICE STATUS, SESSION PROGRAM, COMMUNICATION MODE, TEST FUNCTIONS, 850EMT SETTINGS.

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