

# 4156-GB

## GENERAL PURPOSE WEATHERPROOF TRANSMITTER

The 4156 is a Grade 1 (supervised) general purpose transmitter for use with any FM4000 series control panel or interface.

### EXTERNAL CONTACTS

Connection terminals are provided for wired connections to external normally closed contacts or normally open contacts.

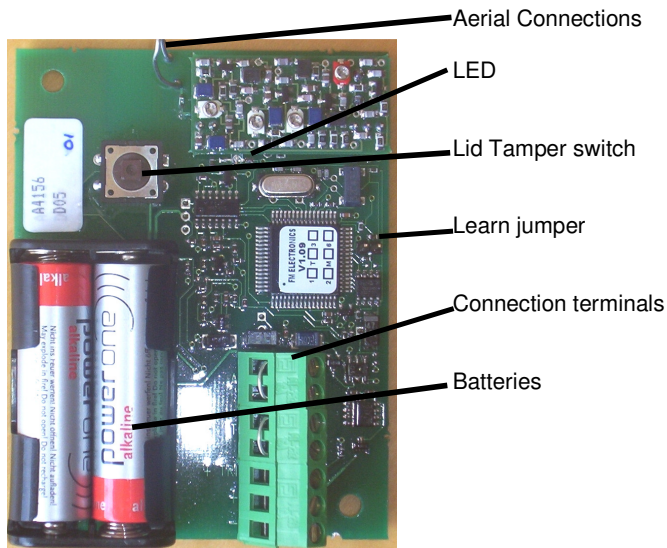
The Unit can also be activated by applying a voltage between 9 & 15 Volts DC, if required.

### POWERING THE UNIT

The unit can **either** be powered from a 12V power supply (operating range = 9 to 15V D.C.) **or** by fitting to AA cells into the holder provided. (If a 12V supply is used the batteries must not be fitted.)

### RECOMMENDED BATTERIES

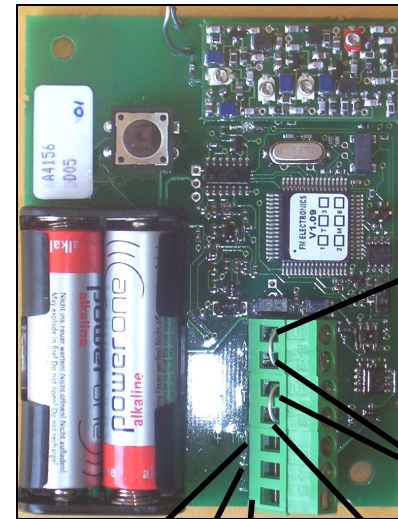
Two AA size quality Alkaline batteries are required, Eveready or Duracell are preferred. (Batteries available from FM Electronics) When changing a battery, wait 10 seconds before re-connecting to ensure a clean re-boot.



**LED** the led illuminates momentarily on transmission as an engineer indication.

**LEARN JUMPER** Short out momentarily to transmit a learn signal. Used when programming the transmitter into the FM4000 control panel.

### CONNECTIONS



9V to 15V  
D.C. -  
Applied in  
12v  
0v

External power supply connections, batteries must not be fitted if these connections are used.

### ADDING A DETECTOR TO ANY FM4000 SERIES CONTROL PANEL OR FM4040 INTERFACE

1. Connect the batteries.
2. Enter the engineers program by keying in 4679 or your engineers code. (The alarm LED will illuminate to indicate that you are in engineer mode).
3. Key in the number of the zone to which the detector is to be allocated. i.e. 01 for zone 1. 08 for zone 8.
- 3a **FM4000EN, FM4000X & FM4000Xtra only.** Select the device number you wish to learn onto the zone, i.e. press 1 for the first device, press 2 for the second device etc.. Up to 8 devices may be added to a single zone. **(These panels require 3 digits to learn a detector onto them: Zero, Zone number then device number. ie ZONE 1 Detector 1 is 011)**
4. Short out the learn jumper. The control panel will beep twice a zone LED will illuminate to indicate that one more detector is programmed onto that zone.
5. Press the Full Set key to accept.
6. Key in 48 to exit engineer programming.

### REFITTING THE COVER

When re-fitting the cover onto this transmitter ensure the tamper spring is located into the retaining device.

