

# MILITEC LTD

## CLOSE QUARTER ENGAGEMENT TRAINING INITIATORS

Militec is able to provide a variety of trigger devices, which upon activation will cause a target or targets to be presented to the trainee, in a sequence previously programmed by the range officer to suit a particular training requirement.

The AC310 Local Sound Unit can also be incorporated within the set-up and activated independently or in conjunction with target mechanisms and trigger devices.

Below are examples of our most commonly used trigger initiators.

### PASSIVE INFRARED DETECTOR – AC018



Supply:	Nominal 13.8V, Min. 9V, Max. 15V
Detection Pattern:	Range up to 10.5M, 20° @ 10.5M
Detection Speed:	Nominal: 0.3 – 3M per second
Operating Temp:	Normal: 23°C, Minimum -10°C
Mounting:	Corner, Wall and ceiling

### INFRARED BEAM BREAK – AC013C



Supply:	Integral rechargeable 12V battery pack within the transmitter
Output:	1A max
Range:	20M
Beam	Projector 10°, receiver 20°
Operating	0°C – 45°C Temp

## **PRESSURE MAT – AC016**



Supply	12V from the target or radio transmitter (AC061)
Max Working	28Vdc Voltage
Max Current:	500mA
Output:	Normally Open Contact
Size:	585 x 175mm

## **TORCH LIGHT DETECTOR – AC014**



Supply:	12V from the target or radio transmitter (AC061)
Current:	0.75mA
Output:	NO switching contact
Switching Time:	20mS @ 10 lux
Size:	H 90 W 114 D 50

## **RADIO TRANSMITTER – AC061v2 AND RADIO RECEIVER – AC062v2**

The AC061v2 radio transmitter and AC062v2 radio receiver provide an alternative to the hardwire link between trigger devices and target mechanisms normally used on CQB/MOUT ranges, keeping the floor clear of cables and also allowing more flexibility in the positioning of the equipment.

The AC061v2 connects to a trigger initiator which when activated sends a signal to the designated AC062v2 receiver which in turn activates the target mechanism's internal program.

### **TRIGGER TRANSMITTER – AC061v2**



Supply:	18V (internal battery pack)
Radio	433.92MHz ± 100 KHz Freq
Optimal Range:	300M
Features:	Low Battery Indicator TX confirm LED

## TRIGGER RECEIVER – AC062V2



Supply: 12V (Supplied from Target)

Radio 433.92MHz  $\pm$  100 KHz.Freq:

Optimal 300Metres

Range:

Output: Provides trigger input for Militec target mechanism

Features: RX confirm LED