

MILITEC LTD

MATRIX INTERACTIVE TRAINING SYSTEM INITIATORS, TRIGGERS & DISTRACTION DEVICES

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.

INITIATORS

INFRARED BEAM BREAK – AC013-C



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

TORCH LIGHT DETECTOR – AC014



Supply: 12V from the target or radio
transmitter (AC061)

Current: 75mA

Output: NO switching contact

Switching Time: 20mS @ 10 lux

Size: H 90, W 114, D 50

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

CONTACT SWITCH - AC017



The contact switch operates in both directions, so it can be used to detect movement of an object in either direction, for example a door or window opening or closing.

PASSIVE INFRARED DETECTOR – AC018V2



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



RADIO TRANSMITTER – AC061v3 AND RADIO RECEIVER – AC062v3

The AC061v3 radio transmitter and AC062v3 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 positioned of the equipment.

The AC061v3 connects to a trigger initiator which when activated sends a signal to the designated AC062v3 receiver which in turn activates the target mechanism's internal program.

TRIGGER TRANSMITTER – AC061V3



- Supply: 12V (internal battery pack)
- Radio: 433.92MHz ± 100 KHz Freq
- Range: Up to 100m LOS
- Features: Low Battery Indicator
TX confirm LED

TRIGGER RECEIVER – AC062v3



- Supply: 12V (Supplied from Target)
- Radio: 433.92MHz ± 100 KHz.Freq
- Range: Up to 100m LOS
- Output: Provides trigger input for
Militec target mechanism
- Features: RX confirm LED

DISTRACTION DEVICES

AC020v2 DAZZLE LIGHT



- Supply: 12 Vdc Detachable battery pack (AC005)
- Used either in a fixed or portable position
- Operated remotely from a radio handset or incorporated within a Close Quarter Training exercise
- Each unit has its own radio identification number

AC027v2 ROTATING AMBER BEACON



- Supply: 12 Vdc Detachable battery pack (AC005)
- Used either in a fixed or portable position
- Operated remotely from a radio handset or incorporated within a Close Quarter Training exercise
- Each unit has its own radio identification number

AC295 PORTABLE RETALIATORY FIRE MACHINE



Size: (L x W x H): 390 x 300 x 370 mm
 Weight: 3.5 Kg
 Power: 12V (internal battery pack)
 Max Distance of BB's: 20 m

AC290 PORTABLE SMOKE MACHINE



Size: (L x W x H): 310 x 215 x 180mm
 Weight: 7 Kg
 Power: 12V (internal battery pack)
 Heat up time: 1 sec
 Duration of smoke: 10 mins continuous

AC310 SOUND UNIT



Weight: 3 Kg
 Power: Powered from a target mechanism
 Size (WxHxD): 180 x 245 x 170 mm
 100dB max at one meter
 Internal storage min 8 Gb
 Mp3