



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.

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.

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: 0.75mA

Output: NO switching contact

Switching Time: 20mS @ 10 lux

Size: H 90 W 114 D 50

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

TRIGGER RECEIVER – AC062V3



Supply: 12V (Supplied from Target)
 Radio: 433.92MHz \pm 100 KHz.Freq
 Optimal
 Range: 300M
 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 12 Vdc battery pack or local target mechanism

Operational distance Up to 1000 m

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 requirement	400 W
Heat up time	1 sec
Duration of smoke at max. output	10 mins, continuous, or up to 150 5 sec bursts
12 Vdc Integral battery	250 hours on stand-by

AC310 SOUND UNIT



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

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