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

Militec Ltd., Unit 16, Cwm Cynon Business Park, Mountain Ash, Mid-Glam, UK. CF45 4ER
Tel: - ++44(0)1443 476849. Email: - sales@militec.co.uk www.militec.co.uk
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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.

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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

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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

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