



MILITEC LTD

CLOSE QUARTER ENGAGEMENT TRAINING

Close Quarter Engagement Training, often referred to as, CQB, FIBUA, MOUT, etc.

As these types of ranges are very varied and often designed to represent a particular scenario, it is essential that the target equipment can be set-up easily and programmed to provide as much realism as possible.

To provide this facility Militec utilizes its radio controlled portable targetry with an interactive sound system and short range radio trigger devices that allow each scenario to be tailored to represent the particular training situation required.

The sound system provides a more realistic feel to the training, where targets presented and accompanied by shouting, screaming etc when triggered, instead of the sterile no response normally associated with these ranges.

Below is an example of what a typical training package may contain, though quantities and types of mechanisms will vary according to each particular shooting range and desired scenario.

1. Portable radio controlled target mechanisms, which include:-
 - a) The M2100M Multi-Function Mechanism which provides the Shoot, No-shoot option. Also, with its easily fitted mode brackets it offers various target presentations such as Pop-up, Slicing and Swing-out.
 - b) The M3450M Linear Target Mechanism which is designed to provide a more realistic target presentation by moving in either an upwards or sideways direction.
 - c) The M4300M and M4500M Moving Target Carriers.
2. A selection of trigger devices are available that connect to target mechanisms, either via a short range radio or by cable.
3. The AC310 Local Sound Distraction Unit may be used as a stand alone unit, if it is not connected to a target mechanism. The Sound Distraction Unit is unique in that it offers the user the ability to record their own sounds such as, speech, shouting, screaming, dogs barking, etc. directly into the unit when in situ, to be activated when triggered.
4. A Portable laptop computer, with its easy to program controlling MATRIX software pre-loaded and a C9172M handset controller.

Setting up a range is a very straight forward, procedure:-

- i) Position the target mechanisms to suit range layout
- ii) Position the trigger devices to start each scenario
- iii) Connect distraction devices
- iv) Program the sequence of operations on the laptop computer, entering each function in turn, in the order of engagement.

The range may then be run directly from the laptop via its interface unit or from C9172M / C9200M portable handset controller.

Below is an example of a M2100M target mechanism with an AC062 Radio Trigger Receiver and an AC310 Sound Distraction Unit connected to it. In the background is an AC013-1 IR Beam Trigger connected to an AC062 Radio Trigger transmitter.



The training program may be initiated by the action or movement of the trainees as they advance through the range - e.g. opening of a door which in turn breaks an infra red beam, simultaneously activating a target to turn and a sound (e.g. shouting).

The system allows for target mechanisms to be activated from:-

- a) The computer or hand controller
- b) Trigger devices, i.e. Pressure Mat, PIR, IR Beam, etc
- c) Another target mechanism