

Mini Launch Unit MLU



Application:

To enhance tactical realism during training the possibility to simulate different weapon effects such as hostile and counter fire, hits or booby traps, is needed. The MLU, which can be used for outside and inside trainings, as well as on vehicles, enables the soldier to train under stress in force-on-force exercises by providing direct fire and hit simulations. It is also deployable in military operations on urban terrain trainings as a scalable means to simulate detonation from grenades or IED.

Description:

The MLU is a launching device for the Macro Pyro Card (MAPC) and the Micro Pyro Card (MIPC). Their various effects enable to replicate combat situations. By means of those cards, the launcher provides single shots, bursts or salvo firings. The device can be operated with either an external power supply or with integrated battery. It can be wirelessly initiated by an instructor as well as by hardware when connected to a trigger, a trip wire or a motion sensor.

Characteristics:

The effects available are those provided by the Macro Pyro Card and the Micro Pyro Card (flash-bang-smoke) which stay in the launcher until they are unloaded. The firing sequence can be programmed by the user to meet his requirements.

Specifications:

Dimensions: (length/width/height)	w. battery = 156x160x154mm w/o battery = 156x160x125mm
Weight:	w. battery = 2,3kg w/o battery = 1,7kg
Battery:	Pb, 12V, 7200mAh
Operating time:	up to 72h with battery
Power supply:	xt 12 V—32 V DC
Power consumption:	20 mA (Standby)
Peak power:	3,5 A per round (max. 500 ms)
Safety Delay Time:	30 seconds
Safety warning signal:	acoustical and optical
Temperatures:	Storage -30°C to +70°C Operation -20°C to +50°C
Service Interface:	RS 232/charging
Operational Interface:	trigger input (5-32V DC): 20mA READY-TO-FIRE-OUT Radio (433MHz/315MHz/458MHz) 2 x RS 485 (daisy chain) Ethernet (prepared) CAN Bus (prepared)
Ammunition type:	Macro Pyro Card/Micro Pyro Card
Product Code:	NATO Stock Numbers:
9210400	pending
UN Number:	N/A
Proper Shipping Name:	N/A
Packaging:	Optional as per customer requirement