



Light Infantry Target

The Light Infantry Target (LIT) is a lightweight portable pop-up target system for individual or unit combat training.

PRODUCT CATEGORY **TRAINING**

Lightweight portable pop-up target system

The exercise instructor controls the targets via radio, setting hit count, exposure time and hit sensitivity.



User interface

The control panel is protected by a flip-up protective hatch and features seven push buttons and a display for manoeuvring and manual target set-up with information displayed in user's selected language.



Radio frequency, channel separation

LIT uses ten different radio channels for communication. Five of the channels operate in the frequency range ≈ 150 MHz and five channels operate at ≈ 170 MHz. LIT has a communication range of at least 3,000 metres in clear view.



Power supply

The LIT is battery-powered with voltage levels between 10–17 V. LIT has an operating time of at least 8 hours with BES and LOMAH accessories connected. Additionally, when a single LIT is powered off all connected devices will automatically power off.



Communication

The LIT features two connectors: an RS232 connector for communication with the LOMAH, and detection and registration of hits/misses; and an RS485 connector for BES communication, software updates and firmware upgrades.



Flexible and Expandable System

The modular design of the LIT allows expanded capability with the connection of accessories such as a Location Of Miss and Hit (LOMAH) sensor and Battle Effect Simulator (BES) providing the user with a complete system for all types of shooting and unit training. The target can be programmed with other target systems to create opposing units up to ≥ 500 targets.

Target Control

The exercise instructor easily controls the targets via radio and can define conditions for the number of hits for the knocked-out target, exposure time and hit sensitivity. The target can also be programmed for autonomous use.



Light Control Unit – LCU

The LCU is a handheld transceiver for controlling all the W5 Solutions target systems. The transceiver has a split display to be able to clearly control and report two different target systems simultaneously. The two joysticks allow independent control of the different target systems.

Specifications

LIT

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| Connections: | <ul style="list-style-type: none">▪ 1 RS232 connector for LOMAH▪ 1 RS485 connector for BES▪ 1 TNC Antenna Contact▪ 1 port for hit sensor |
| Power Supply: | 10–17 V DC |
| Battery Interface: | W5 Target Battery or BB2590 |
| Operating Time: | >8 hours with LOMAH and BES connected. (Li-Ion) |
| Weight: | <11 kg (without target silhouette) |
| Targets: | <ul style="list-style-type: none">▪ Twin wall plasticPlastic target |
| Operating Temperature: | –30 °C to +40 °C |
| Storage: | –43 °C to +40 °C |
| Wind: | Full function up to 15 m/s (29 knots) |

LCU

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|-------------------------------|--------------------|
| Weight: | 1,5 kg |
| Radio Frequency: | 150–170 MHz |
| Radio Channels: | 10 |
| Transmitter Power: | 5 W |
| Range Clear View: | 5 km |
| Battery Type: | 12 V NiMh 2 500 Ah |
| Operating Time: | >10 hours |
| Operating Temperature: | –30 °C to +60 °C |