

# PHANTOM™-LL2



## BEAM RIDER | DESIGNATOR | RANGE FINDER

To complement the existing Open Range EW Threat Emitters, Textron Systems Electronic Systems now offers a Laser Threat Emitter that stimulates Laser Warning Receivers (LWR) to train aircrew or to test and evaluate an aircraft's defense systems against Laser Beam Rider (LBR), Laser Designator (LD), and Laser Ranger Finder (LRF) threats. The Phantom-LL2 has been designed to provide synchronized dual band laser threat signature to stimulate the aircraft's laser warning systems. Training aircrew to counter maneuver a laser threat is considered essential to survival and in-air training. The Phantom-LL2 can be deployed either on a shoulder or tripod mount.

[TextronSystems.com](http://TextronSystems.com)



**TEXTRON** Systems

► PUSHING PAST POSSIBLE

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## SYSTEM PERFORMANCE



**OPERATING RANGE**  
0.5-5 km



**WEIGHT**  
< 10 kg



**BATTERY**  
Li-Ion (commercial-off-the-shelf) > 100 engagement operations



**USER INTERFACE**  
Sunlight readable  
LCD with soft keys



**STANDARD COLOR**  
NATO green



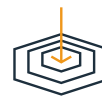
**REMOVABLE MEMORY MEDIA TYPE**  
Quick release special-to-type USB



**MAXIMUM PROFILE LENGTH**  
32 sec



**SAFETY DISTANCE NOHD**  
25 m NOHD  
215 m ENOHD



**AIMING**  
Day or thermal night sight



**APPROXIMATE DIMENSIONS**  
225 (W) x 580 (L) x  
145 (H) mm



**REMOTE CONTROL CONNECTION**  
Laptop via ethernet



**LASER WAVELENGTHS**  
0.905 microns  
1.550 microns



**NUMBER OF PROGRAMS PER REMOVABLE MEDIA**  
> 100



**MAXIMUM PEAK-PULSE ON-AXIS RADIANT POWERS**  
2 MW.sr-1



**MOUNTING CONFIGURATION**  
Shoulder or tripod. Shoulder mount is included.

## PROVIDING CONFIDENCE AND RELIABILITY THROUGH TOTAL SPECTRUM TEST AND TRAINING SOLUTIONS

- > Provides an essential training aid to platform crew to counter-maneuver against a laser threats (LBR, LD, and LRF)
- > Realistic laser missile threat representative with capability of synchronized lasers
- > Rapid deployment of Phantom threat simulator to maintain aircrew surprise during training exercises
- > Provides pre-mission and airborne confidence
- > Allows crew to train at night, with and without night vision goggles
- > Threat library profiles compatible with most in-service LWRs
- > Test Program Generator software available for programming of threat profiles and remote control of the Phantom
- > Power supplied from internal battery or external power supply
- > Easily configured in a Mallina™ Suite of multi-spectral equipment to enhance operational effectiveness and provide complete Defense Aids Suite (DAS) training