

LightSpeed™ L30 w/ Comms

Light Gun for Signaling and Optical Communications



The L30 is the expanded L20 ATC Signal light Gun with Free-Space-Optical communications incorporated directly into it. The L30 provides all the same ATC signaling functions and a 1km non-RF voice channel for communication beyond the basic 3-light signaling table.

- Small, portable, simple to use LED based Light Gun for signaling
- Operates on Harris and Bren-tronics standard batteries or external power
- Lightweight – <1 kg, fits into a pocket!
- Can be used to transmit Morse code or color light signals
- 12+ hours of continuous ON operation/illumination on one charge
- Full duplex voice communications up to 1 km via non-RF Optical Comms
- Complete remote control of the Light Gun functions via RS-232 and plug-in power

Specifications

Size	3.9 x 4.8 x 5.8 in
Weight	1.7 kg (w/ battery); 1.3k g (w/o battery)
Mount	1/4"-20 tripod base mount
Power	Harris part #12041-2100-02, or Brentronics part #BT-70716BE, or BG 9-24VDC input
Headset	Peltor or Dick Clark headsets w/ or w/o microphone
Brightness	Full or half brightness Light Gun settings
Voice Communication Range	1 km
Remote Control	RS-232 remote control of all functions

Light Gun Signals for Aircraft	To Personnel and Ground Vehicles	To Aircraft To on the Ground	Aircraft in Flight
● Solid Green	Cleared to cross, proceed or go	Cleared for Take-off	Cleared to Land
★ Flashing Green	N/A	Cleared for Taxi	Return for Landing
● Steady Red	STOP	STOP	Give way & continue circling
★ Flashing Red	Clear the taxi/runway	Taxi clear of runway in use	Airport unsafe, Do Not Land
● Flashing White	Return to starting point	Return to starting point	N/A
★ Flashing Red and Green	Exercise Extreme Caution	Exercise Extreme Caution	Exercise Extreme Caution



Handles and back



Side and bottom view



Harris or Brentronics rechargeable batteries



L20 kit

