

# 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

<b>Size</b>	3.9 x 4.8 x 5.8 in
<b>Weight</b>	1.7 kg (w/ battery); 1.3k g (w/o battery)
<b>Mount</b>	¼"-20 tripod base mount
<b>Power</b>	Harris part #12041-2100-02, or Brentronics part #BT-70716BE, or BG 9-24VDC input
<b>Headset</b>	Peltor or Dick Clark headsets w/ or w/o microphone
<b>Brightness</b>	Full or half brightness Light Gun settings
<b>Voice Communication Range</b>	1 km
<b>Remote Control</b>	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
● <b>Solid Green</b>	Cleared to cross, proceed or go	Cleared for Take-off	Cleared to Land
✱ <b>Flashing Green</b>	N/A	Cleared for Taxi	Return for Landing
● <b>Steady Red</b>	STOP	STOP	Give way & continue circling
✱ <b>Flashing Red</b>	Clear the taxi/runway	Taxi clear of runway in use	Airport unsafe, Do Not Land
✱ <b>Flashing White</b>	Return to starting point	Return to starting point	N/A
✱ <b>Flashing Red and Green</b>	Exercise Extreme Caution	Exercise Extreme Caution	Exercise Extreme Caution



Handles and back



Side and bottom view



Harris or Brentronics rechargeable batteries



L20 kit

