

Automatic Portable Signal Light Gun

designed and manufactured by **AEROTHAI**

Transmit specific light signal to pilots from aerodrome Air Traffic Controllers



Features :

High Power LED

LED **Red** > 30,000 candelas

LED **Green** > 30,000 candelas

LED **White** > 30,000 candelas

Light Intensity
at light beam center

7 LED Modules designed with high power LED technology

Maximize Light Beam throw using a smooth aluminum reflector

Bar Charge LED
show battery status

Enhancing Aiming Resolution with an aperture sight

Maximum Visibility Range
more than 3 nms (5.4 kms)
under clear daytime conditions

Specifications :

- Manufactured from ABS plastic
- LEDs : average life 50,000 hrs
- Light weight : 1.54 kgs/ 3.4 lbs included battery
- Long lift lithium-ion 3.70 volts 13,600 mAH
- Battery charger 110-240 VAC, 50-60 Hz.



Signal Transmission

- **Automatic**
 - select from 6 sets of signals, all compliant with ICAO ANNEX 14 Vol.1
- **Manual**
 - choose the signal color based on request
 - hold/release the trigger as required by the **ATC Light Gun Signal set**

ATC Light Gun Signals		
Color	On The Ground	In The Air
	Cleared For Takeoff	Cleared To Land
	Cleared For Taxi	Return For Landing (to be followed by steady green)
	Stop	Give Way To Other Aircraft And Continue Circling
	Taxi Clear Of Runway In Use	Airport Unsafe, Do Not Land
	Return To Starting Point	Not Applicable
	Exercise Extreme Caution	

Standards :

Air Navigation Order and ICAO Annex 14 Volume 1
FAA requirement ref. FAA-E-2214a



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