

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

Up to 8 hours

of continual usage time
(fully charged)

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.

Communication equipment to use
when there is a

**communication
Failure**

Signal Transmission




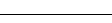


Automatic

- 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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