



MODEL

A704-5

HANDHELD WIRELESS CONTROLLER

- Secure wireless control of A704-5 solar LED airfield lights from up to 4 kilometers
- User and Administrator password access control
- Included rechargeable lithium ion battery recharges via AC/DC external charger.
- 12 hours of continuous operation on a single charge
- Control up to eight subsets of lights independently

THE A704-5 HANDHELD WIRELESS CONTROLLER DELIVERS ON-COMMAND OPERATION OF AN AIRFIELD LIGHTING SYSTEM FROM GROUND OR AIR OVER A RANGE OF UP TO 4 KILOMETERS, KEEPING PERSONNEL OUT OF HARM'S WAY.

- **Protect personnel and assets:** wireless control allows for remote operation of an airfield lighting system including mode changes for enhanced visibility in poor weather conditions, or blackout or infrared in response to immediate threat.
- **Multiple configuration options:** secure, password-protected communications where one or more controllers can be keyed to a system of lights. Grouping capabilities allow up to eight subsets of lights to be controlled independently.
- **Versatile interface:** contains a radio modem, supporting electronics, and external serial interface. It also supports an interface suitable for connecting to an off-the-shelf, standalone aviation band VHF receiver to facilitate pilot-controlled lighting operation.
- **Rugged, weatherproof design:** tested to Condition B, Method 104A of MIL-STD-202F for moisture resistance. Reliable operation in temperatures ranging from -40 to 140°F (-40 to 60°C). Weatherproof back-lit LED keypad and LED indicators. Removable, replaceable antenna.

TECHNICAL FEATURES AND SPECIFICATIONS

OPERATION

Transmit power	500 mW or 1 W
Max. Range ¹	2.5 mi (4 km)
Operating temperature range	-40 to 140 °F (-40 to 60 °C)
Frequency	902 – 928 MHz FHSS

CONSTRUCTION

Housing	Die-cast aluminum
Dimensions	4 x 8 x 2.5 inches (10.16 x 20.32 x 6.35 cm) without antenna
Weight	3 lb (1.36 kg)
Antenna	1/2 wave dipole, removable
Keypad	Variable intensity LED backlit, silicone
Waterproof	Tested to Condition B, Method 104A of MIL-STD-202F, Immersion

BATTERY

Type	SAFT Lithium ion, MP long cycle life series, 3.75 V, 5300 mAh
Continuous use (1 operation/min)	12 hours
Standby	330 hours
Long term storage without recharging	1250 hours
Recharge time	5 hours

¹ 1W version. Exact range depends on local RF conditions. All specifications are subject to change without notice.

TECHNICAL DRAWINGS AND DIMENSIONS



REPRESENTED BY: