

Default PINs (Personal Identification Number)

User: 123

Administration: 789

Factory reset code: 1223334444

Warning: If the system is configured with UCS, control over lights will be lost when the controller is factory reset. See Model A704 Wireless Aviation Lighting System Owner's Manual.

USER Mode		
BUTTON	DESCRIPTION	STEPS
AUTO	Autonomous operation (sunrise to sunset)	AUTO → LOW, MED or HIGH → ENTER
TEMP	Temporary operation (on for 15 minutes)	TEMP → LOW, MED or HIGH → ENTER
SEQ	Continuous operation (no timeout)	SEQ → LOW, MED or HIGH → ENTER
FLASH	Toggle between Steady on / Flash modes	FLASH → ENTER
IR	Toggle between Visible / IR modes	IR → ENTER
EMERG	Toggle between Emergency and Normal modes	EMERG → ENTER
STANDBY	Lights turn off, but turn on next night at last programmed Auto mode	STANDBY → ENTER
LIGHTS OFF	Lights remain off until other command received	LIGHTS OFF → ENTER
CLEAR	Clears keypad selections	CLEAR
DIAGNOSE	Battery charge level	DIAGNOSE → ENTER → HIGH, MED, LOW or LIGHTS OFF → ENTER To exit: DIAGNOSE → ENTER
DIAGNOSE	Radio health status	DIAGNOSE → ENTER → EMERG → ENTER To exit: DIAGNOSE → ENTER
DIAGNOSE	Radio health status clear	DIAGNOSE → ENTER → FLASH → ENTER To exit: DIAGNOSE → ENTER
SELECT GROUP	To select group(s)	SELECT GROUP → enter group number(s) 1-8 or 9/ALL → ENTER
CONFIG	Configure groups	CONFIG → ENTER → enter group 1-8 → press button on light → ENTER (light flashes in response). To exit: CONFIG → ENTER
CONFIG	Adjust keypad backlighting	Press and hold CONFIG

ADMINISTRATION Mode		
BUTTON #	DESCRIPTION	STEPS
1	Change the USER PIN	1 → ENTER → Enter PIN → ENTER → Re-enter PIN → ENTER
2	Change the ADMIN PIN	2 → ENTER → Enter PIN → ENTER → Re-enter PIN → ENTER
3	PIN Reset (restores PINs to defaults)	3 → ENTER
7	Generate UCS	7 → ENTER
8	Receive UCS	8 → ENTER
9	Transmit UCS	9 → ENTER and transmission of UCS with each press of ENTER
0	Remove UCS	0 → ENTER and removal of UCS with each press of ENTER

NOTE: The Green ENTER LED will light briefly to indicate success in every instance above.

Unique Code Sequence (UCS) Configuration:

Initialization: Used when setting up an airfield for UCS.

Generate UCS → Transmit UCS → press button on light(s) → ENTER (transmits UCS each time pressed) → Press CLEAR when done.

Adding:

Allows additional lights to be added to an airfield with an existing UCS configuration.

Transmit UCS → press button on light(s) → ENTER (transmits UCS each time pressed) → Press CLEAR when done.

Removal:

Disables the UCS in the controller and light(s).

Remove UCS → Transmit UCS → press button on light(s) → ENTER (transmits removal each time pressed) → Press CLEAR when done.

A704 Solar LED Light



Button operation:

FUNCTION	DESCRIPTION	INDICATOR LED RESPONSE
Press-and-hold	Cycles through command levels	Command level indicated by amber LED flash: 1 flash 1st level, 2 flashes 2nd level, etc. Command Level 0 is entered without a press-and-hold.
Press-and-release	Enters the command within that level	Green LED flashes same # of times as button pressed

Command levels and modes:

STEP 1: HOLD FOR A GROUP OF FLASHES		STEP 2: PRESS FOR COMMAND				
Action (Response)	Command Level	1 press 	2 presses 	3 presses 	4 presses 	5 presses
No hold	0: Autonomous	Standby Mode	Auto Low	Auto Med	Auto High	Flash Toggle
1 amber flash (hold 2 sec.) 	1: Temporary	Temp Low	Temp Med	Temp High	No action	No action
2 amber flashes (hold 4 sec.) 	2: Continuous	Storage Mode	Continuous Low	Continuous Medium	Continuous High	No action
3 amber flashes (hold 6 sec.) 	3: Infrared (non-wireless)	IR Output Only	Visible Output Only	Visible & IR Outputs	No action	No action
	3: Infrared (wireless)	Infrared Toggle	No action	No action	No action	No action
4 amber flashes (hold 8 sec.) 	4: Diagnostics	Battery Check	UCS Status	No action	No action	No action
5 amber flashes hold 10 sec.) 	5: Configuration	No action	Button Lock Toggle	No action	No action	Factory Reset

Warning: Performing a Factory Reset on a light will place the light into group 1 and remove the light's UCS (if configured).



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