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TECHNICAL DATASHEET · ACCESSORIES · POLARIS RADIO CONTROL SYSTEM

POLARIS Remote Control

EcoSolaris code **ECO-AL-2910** | Ordering code **AL-165-01-AX** | **Made in Romania** Manufactured in the EU



Radio remote control for POLARIS lights that adjusts brightness across five levels and switches the lights off. It controls one, two or three light groups, in visible or infrared mode, with a range of up to 10 km.

ORDERING CODE	BRIGHTNESS STEPS
AL-165-01-AX (1 controlled group)	**5 levels + OFF**
RADIO TECHNOLOGY	**OPERATING MODES**
LoRa, direct communication	**visible (light) and invisible (infrared)**

Price on request | EcoSolaris technical support · Dubai

Technical specifications

Ordering code	AL-165-01-AX (1 controlled group)
Versions	AL-165-01-AX, AL-165-02-AX, AL-165-03-AX; AL-165-EM1-AX and AL-165-EM2-AX for RGBW emergency lights
Brightness steps	5 levels + OFF
Radio technology	LoRa, direct communication
Frequency	868 MHz (Europe), 915 MHz (USA) or optional 433 MHz, factory-set
Range	up to 10 km in direct line of sight, under ideal conditions
Operating modes	visible (light) and invisible (infrared)
Power supply	standard 9 V battery
Material	ABS
Keypad	membrane

Features

- Five brightness levels and OFF
- Factory-set frequency: 868, 915 or 433 MHz
- Up to 10 km range in direct line of sight
- Controls 2 groups (THR/END and PAPI) or 3 groups (THR/END, PAPI and RWE)
- Visible (light) and invisible (infrared) mode
- Powered by a standard 9 V battery

Materials and construction

- Housing: ABS
- Membrane keypad

Configuration options

- 1, 2 or 3 controlled groups (AL-165-01/02/03-AX)
- Versions for RGBW emergency lights (AL-165-EM1-AX, AL-165-EM2-AX)
- Frequency: 868 MHz, 915 MHz or optional 433 MHz

Ordering code structure

AL - 165 - XX - AX

AL	Series indicator (Airfield Lighting)

165	Product indicator
XX	Number of controlled groups: 01, 02, 03; EM1, EM2 for RGBW emergency lights
AX	Product type (accessory)

Applications

Portable runway lighting (THR/END, RWE) **Portable PAPI systems** **Temporary heliports** **Military operations with infrared lighting** **RGBW emergency lighting**