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TECHNICAL DATASHEET · POLARIS RADIO CONTROL SYSTEM · HANDHELD REMOTE

Polaris Remote Control

EcoSolaris code **ECO-AL-4144** | Ordering code **AL-165-XX-AX** | **Made in Romania** Manufactured in the EU



Handheld radio remote for Polaris lights: switches all lights on, sets their brightness and turns them off simultaneously. It communicates directly over LoRa up to 10 km in line of sight and can switch the lights between visible and infrared output.

PRODUCT CODE	RADIO TECHNOLOGY
AL-165-XX-AX	**LoRa, direct communication**
RANGE	FUNCTIONS
up to 10 km line of sight, ideal conditions	**brightness levels and OFF**

Price on request | **EcoSolaris technical support · Dubai**

Technical specifications

Product code	AL-165-XX-AX
Radio technology	LoRa, direct communication
Frequencies (factory set)	868 MHz (Europe), 915 MHz (USA), optional 433 MHz
Range	up to 10 km line of sight, ideal conditions
Functions	brightness levels and OFF
Operating modes	visible and invisible (infrared)
Power supply	standard 9 V battery
Housing material	aluminium

Features

- Simultaneous control of all paired Polaris lights
- Brightness adjustment and switch-off at the push of a button
- Visible mode and infrared mode (invisible to the naked eye)
- Up to 10 km range in line of sight
- Runs on an easy-to-replace standard 9 V battery
- Rugged aluminium housing

Materials and construction

- Housing: aluminium

Configuration options

- Factory-set radio frequency: 868 MHz, 915 MHz or 433 MHz

Ordering code structure

AL - 165 - XX - AX

AL	Series indicator (airfield lighting)
165	Product indicator – radio remote control
XX	Variant (configured to order)
AX	Product type: accessory

Applications

- Control of Polaris portable lights on runways and taxiways
- Heliports and helicopter landing areas
- Emergency and back-up lighting when the fixed system fails
- Military operations with infrared lighting

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