

CN30R RUNWAY CONTROL UNIT & PRESS-TO-TALK SYSTEM

Control. Communicate. Illuminate.
Built for airports. Made to perform.



PRODUCT OVERVIEW

The CN30R Runway Control Unit is designed to provide reliable control of runway, taxiway and airfield lighting systems. Built for demanding aviation environments, it offers durable construction, easy operation and integrated press-to-talk (PTT) communication for airfield personnel.

APPLICATIONS

- Runway lighting control
- Taxiway lighting control
- Airfield ground lighting
- Helipad lighting control
- Apron and obstruction lighting
- Remote airfield operations



TECHNICAL SPECIFICATIONS

ELECTRICAL

Power Supply	220VAC 50/60Hz
Control Voltage	220VAC
Max Load Rating	Up to 40 kN
Circuit Protection	MCB & Surge Protection
Power Indicator	LED (Green)

DIMENSIONS

Height	400 mm
Width	300 mm
Depth	200 mm
Mounting	Wall Mount
Weight	Approx. 8 kg

FEATURES

Lighting Control	Runway / Taxiway / Airfield / Obstruction
Control Switch	All Lights ON / OFF
Press-to-Talk (PTT)	Integrated
Audio Output	To Airfield Radio / PA
Indicator	Power ON (Green LED)
Enclosure	Powder Coated Steel
Cable Entries	2 x M25 (Standard)
Drain Plug	1 x M25

PRESS-TO-TALK SYSTEM

Operation	Push button to talk
Connection	To Radio / PA System
Microphone	IP67 Hand Mic (Optional)
Cable Length	Custom Length

DATA SHEET

Product Code	CN30R
Description	Runway Control Unit & Press-to-Talk System
Power Supply	220VAC 50/60Hz
Material	Steel (Powder Coated)
IP Rating	IP67
Operating Temperature	-20°C to +55°C
Humidity	0 to 95% RH
Size (H x W x D)	400 x 300 x 200 mm
Mounting	Wall Mount
Color	Orange (Aviation)
Cable Entries	2 x M25 (90° apart)
Drain Plug	1 x M25
Max Load Rating	Up to 40 kN

COMPATIBILITY

Compatible with CN Lighting runway, taxiway and airfield lighting systems.

Works with airfield radio / PA systems for clear communication.

KEY FEATURES

- ✓ Robust steel construction for harsh environments
- ✓ 220VAC operation for reliability
- ✓ Integrated press-to-talk communication
- ✓ Control all airfield lighting from one unit
- ✓ IP67 waterproof enclosure
- ✓ Easy installation and maintenance

INSTALLATION NOTES

- Install in a convenient and accessible location.
- Mount vertically on a flat, stable surface.
- Ensure proper earthing and cable sealing.
- Use IP67 rated glands for all cable entries.
- Secure using appropriate anchoring method.
- Use non-shrink grout for permanent installations.
- Only authorised personnel to operate the unit.



MADE IN SOUTH AFRICA

CN LIGHTING SERIES

📍 Pretoria, South Africa
🌐 www.cnlighting.co.za



1 YEAR WARRANTY

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Performance you can rely on.

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