

Use

- The HRC-02 radio controller is designed for remote control of light navigation systems and other devices (e.g., area lighting, wind direction indicator lighting, flashing beacons, etc.) at heliports and airports using a standard on-board radio station.

Accordance with

- ICAO Annex 14 Volume II Heliports
- FAA AC 150/5345-49C, L-854, Type I, Air-to-Ground system

Description/Properties

- Designed for heliports and small airports
- Control of light navigation systems in three intensity levels
- Easy control via the on-board radio or locally via buttons on the front panel
- Integrated compact design
- option to control other lighting or signaling devices via output contacts
- Clear indication of operating statuses on the front panel
- Automatic shutdown 15 minutes after the last evaluated command
- User settings for the operating frequency
- Independent outdoor omnidirectional receiver antenna

**Mechanical parameters**

- dimensions 315 × 395 × 160 mm
- operating temperature -20 - +55 °C
- storage temperature -20 - +60 °C
- humidity max. 95 %
- coverage IP 55

Electrical parameters**Power supply**

- supply voltage 90–260 V / 47–63 Hz
- Max. power input 50 W

Receiver

- adjustable frequency range 118–137 MHz
- antenna input impedance 50 Ω
connector RF Type N
- sensitivity 5 µV/10 dB (S+N)/N

Remote control outputs of connected devices

- contact control, max. 20 m
- control transmission line RS-485, max. 1200 m

Control and monitoring from a master system

- contact control, max. 20 m
- DAP 128TC transmission line, max. 10 km

chapter no.:

9.1.2**HRC-02**