



Models

RTRM08E5001-01 868.30 MHz

Technical Details

Frequency: 868.30 MHz / 10 mW
 Modulation: FSK
 Power supply: 2.1 – 5.25 V
 Standby current: max. 3.4 mA at 25°C
 Transmission current: max. 17.3 mA at 25°C
 Transmission range: approx. 100 m at optimal free field conditions
 Operating temperature: -20 °C to +60 °C
 Dimension: 39 x 21.76 x 3.5 mm

Intended Use

The transceiver module may only be used to operate radio controls.

The manufacturer does not assume any liability for damage caused as a result of improper or non-intended use!

Safety Advice



Before connecting and operating the transmitter module, carefully read through the operating instructions!

Note also the operating instructions of the radio control(s)!

Have faulty transmitter modules checked by the manufacturer!

Do not make any unauthorized alterations or modifications to the transmitter module!

Technical Information

The Transceiver Module RTRM08 sends and receives Easywave telegrams at 868.3 MHz with FSK modulation.

The standard model is delivered with a whip antenna. Other options like coaxial antenna connectors are available on request.

Up to 32 Easywave transmitters can be taught in the RTRM08 Easywave module via the I²C-Bus, which additionally offers :

- persistent storing (EEPROM) of 16-bit user data associated with each Easywave telegram (which is not transparent).
- power down state with low current consumption when being inactive.

The separate request output allows to work without polling.

The devices LEDs indicate transmission and reception (optional).

For further information please visit our internet site: www.eldat.de

Connecting

- Power Supply: Pin 1: 2.1 V – 5.25 V DC
Pin 2: GND
- Functions: Pin 3: Reset input, L-active
Pin 4,5: SDA/SCL, I²C Bus
Pin 6: REQ output, L-active

Disposal

Waste electrical products should not be disposed of with household waste!

Dispose of the waste product via a collection point for electronic scrap or via your specialist dealer.



Put the packaging material into the recycling bins for cardboard, paper and plastics.



Warranty

Within the statutory warranty period we undertake to rectify free of charge by repair or replacement any product defects arising from material or production faults.

Any non-authorized alterations or modifications to the product shall render this warranty null and void.

Conformity

Hereby, ELDAT GmbH declares that the radio equipment type RTRM08 is in compliance with Directive 2014/53/EU.



The full text of the EU declaration of conformity is available at the following internet address: www.eldat.de

Customer Service

If, despite correct handling, faults or malfunctions occur or if the product was damaged, please contact the company at the address below:

ELDAT GmbH

Im Gewerbepark 14
 15711 Königs Wusterhausen / Deutschland
 Telefon: + 49 (0) 33 75 / 90 37-310
 Telefax: + 49 (0) 33 75 / 90 37-90
 Internet: www.eldat.de
 E-Mail: info@eldat.de