automation systems

RIVAL434 4-channel radio receiver



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Radio

Remotes

Gate

Gate
Automation
Accessories

Motors

Control









- advanced features and easy programming through LED display
- the ability to delete any remote control
- four separated NO relay outputs
- PIN code protection against interference by third parties
- compatible with DTM433MHz series devices

One of the well-equipped receivers of DTM433MHz series. A multitude of programmable functions and four NO outputs allow building complex radio control systems. The receiver can control gate, lighting and many other devices according to the customer's needs.





4-channel receiver

Basic parameters

power supply: 12...24V AC/DC ±10%

maximum power consumption: 120mA

memory capacity: 700 remote controls with an individual number in memory. Remotes of

DTM433MHz series, and in the MULTI version, in addition almost all remotes

operating in the KeeLoq® system

operating temperature (min./max.): -20°C/+55°C

the dimensions of the receiver's board (width x depth x height): 46x80x21mm external dimensions of the housing (width x depth x height): 55x27,5x118mm

assembly method: inside or outside, plastic housing, IP-53

weight: 90g

Outputs

relay outputs

(type / quantity / maximum load): NO/4/1A (24VAC/DC)

operating modes: monostable, bistable or momentary

regulation of turn-on time

in monostable mode: 0,1s to 107min with an accuracy of 0,1s

Radio parameters

radio module: integrated, superheterodyne

transmission security: 64-bit KeeLoq® type of modulation / frequency: OOK / 433,92MHz

antenna input impedance: 50Ω

antenna: internal antenna, terminals for connecting an external antenna

Functionality

standard user interface: interface implemented on a two-digit seven-segment LED display and two

buttons that support a simple menu of a tree structure

computer user interface: friendly software running in the Windows® environment, connection

with a computer via the USB interface.

functions available from the PC: full functionality of the receiver, in addition, the ability to create backup copies

and use the receiver as an online event recorder

blocking access to the program menu: yes, PIN code

configuration of remote control: the ability to assign any of the four receiver channels to any button

the ability to delete all memory: Yes

the ability to delete a single remote control: yes, even without it presence

blocking access for selected remotes: Yes

possibility to enter the remote control

without access to the receiver buttons: yes, the function of easy remote adding

protection against accidental pressing

the remote control button: yes, the function of double pressing the remote control button

blocking the easy remote adding function: Yes

copy function of remote's settings from remote control no. oo1: Yes

copying the memory: yes, using the B700 module

the possibility of transferring the memory to another receiver: yes, EEPROM memory fixed in the stand

available accessories: USB interface to connect the receiver to a PC, along with software; module B700 for copying memory