

## RFE-KG2 learning code remote control

The RFE-KG2 learning code remote control, designed based on the RFE527D Manchester encoding chip and ASK wireless transmission chip, is a radio frequency remote control featuring high stability, low cost, button triggering, and millions of address code combinations. It boasts high stability and low power consumption.



### Main Parameters:

| Name                    | MIN                    | TYP    | MAX | unit | Remarks |
|-------------------------|------------------------|--------|-----|------|---------|
| Working Voltage:        | 2.5                    | 3      | 3.3 | V    | R2032   |
| working current:        | 8                      |        | 20  | mA   |         |
| Standby current:        |                        |        | 1   | uA   |         |
| Transmission frequency: |                        | 433.92 |     | MHz  |         |
| Frequency deviation:    | -30                    |        | 30  | KHz  |         |
| Transmit power:         | 3                      | 5      | 9   | dBm  |         |
| Data rate:              |                        |        | 10  | Kbps |         |
| Operating Temperature:  | -20                    |        | 70  | °C   |         |
| modulation scheme:      | ASK                    |        |     |      |         |
| Encoding method:        | eV1527 Manchester code |        |     |      |         |

### Key-value description:

ON KEY: 08

OFF KEY: 04

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## FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.