

Velleman VM130T

Velleman VM130T 2-Channel Remote Control Transmitter Module User Manual

Model: VM130T

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Velleman VM130T 2-Channel Remote Control Transmitter Module. Please read these instructions carefully before using the device to ensure optimal performance and safety.

2. PRODUCT OVERVIEW

The Velleman VM130T is a compact, 2-channel handheld radio frequency (RF) remote control transmitter module designed for use with compatible Velleman RF receivers (e.g., K8057, VM109, VM130 receiver units). It features two distinct buttons for controlling two separate channels or functions, making it suitable for various remote control applications such as garage door openers, alarm systems, or lighting control.



Figure 1: Velleman VM130T 2-Channel Remote Control Transmitter Module. This image displays the black, ergonomic remote control with two oval buttons and a small red indicator light, attached to a metal keyring.

3. TECHNICAL SPECIFICATIONS

| | |
|--------------------------|--|
| Model Number: | VM130T |
| Brand: | Velleman |
| Connectivity Technology: | Radiofrequency (RF) |
| Number of Buttons: | 2 |
| Controller Type: | Button Control |
| Power Supply: | 12V Battery (Alkaline, included) |
| Maximum Range: | 10 meters (approx. 33 feet) |
| Dimensions (L x W x H): | 2.5 x 12.1 x 20 cm (approx. 63 x 40 x 16 mm) |
| Weight: | 60 g |

| | |
|--------|----------------|
| Color: | Black |
| GTIN: | 05410329394479 |

4. SETUP

4.1. Battery Installation

The VM130T transmitter comes with a 12V alkaline battery pre-installed. If the battery needs replacement:

1. Carefully open the casing of the remote control. The casing is typically clipped together.
2. Remove the old 12V battery.
3. Insert a new 12V alkaline battery, ensuring correct polarity (+ and -).
4. Close the casing securely.

4.2. Pairing with a Receiver

The VM130T is a transmitter module and requires a compatible Velleman RF receiver (e.g., K8057, VM109, VM130 receiver units) to function. The pairing procedure is specific to the receiver unit. Please refer to the instruction manual of your Velleman RF receiver for detailed steps on how to pair the VM130T transmitter with your receiver.

5. OPERATING INSTRUCTIONS

Once the VM130T transmitter is successfully paired with your Velleman RF receiver, operation is straightforward:

- **Button Functionality:** The VM130T features two buttons. Each button corresponds to a specific channel or function as configured on your receiver unit.
- **Transmitting a Signal:** Press and hold the desired button briefly to send a signal to the paired receiver. A small red indicator light on the transmitter may illuminate to confirm signal transmission.
- **Range:** Ensure you are within the maximum operating range of 10 meters (approximately 33 feet) from the receiver for reliable signal transmission. Obstacles such as walls, metal structures, and other electronic devices can reduce the effective range.

6. MAINTENANCE

6.1. Battery Replacement

Replace the 12V alkaline battery when the transmission range decreases significantly or the indicator light fails to illuminate upon button press. Refer to section 4.1 for battery installation instructions.

6.2. Cleaning

Clean the exterior of the transmitter with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the casing. Avoid exposing the device to excessive moisture.

6.3. Storage

Store the remote control in a dry place, away from direct sunlight and extreme temperatures, when not in use for extended periods.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|--|---|
| Transmitter does not respond. | Dead or low battery. | Replace the 12V battery (see section 4.1). |
| Reduced operating range. | Low battery, environmental interference, or obstacles. | Replace battery. Ensure clear line of sight if possible. Minimize interference from other RF devices. |
| Receiver does not react to transmitter. | Transmitter not paired with receiver, or receiver malfunction. | Verify pairing according to your receiver's manual. Check receiver's power supply and functionality. |

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Velleman customer service directly. Keep your proof of purchase for any warranty claims.

Manufacturer: VS Electronic Vertriebs GmbH