

**Marantec 161336**

# Marantec Digital 520 Wall-Mounted Transmitter Instruction Manual

Model: 161336

## 1. PRODUCT OVERVIEW

The Marantec Digital 520 is a wall-mounted digital transmitter designed for convenient control of garage door operators and external gates. It utilizes Marantec's proprietary bi-linked radio system, ensuring high security and reliable operation.

Key features include:

- **Bi-linked Wireless Standard:** Operates on an 868 MHz frequency with 128-bit encryption, similar to online banking security protocols.
- **Rolling Code Technology:** The transmission code changes with each operation, making signal copying or decryption virtually impossible.
- **Two Channels:** Allows control of up to two distinct targets or functions, such as two separate garage doors or a garage door and a gate.
- **User-Friendly Design:** Features two large, comfortable buttons with a noticeable pressure point for easy operation.
- **LED Indicator:** A red LED light confirms command transmission.
- **Universal Compatibility:** Works with all Marantec drive operators and can also control other manufacturers' operators via a universal bi-linked receiver.





Figure 1: Front view of the Marantec Digital 520 transmitter, showing the two large buttons and the red LED indicator.

## 2. SETUP AND INSTALLATION

The Digital 520 transmitter is designed for easy wall mounting without the need for electrical wiring.

### 2.1 Package Contents

Before beginning installation, ensure all components are present:

- Digital 520 Wall-Mounted Transmitter
- Integrated Wall Bracket
- CR2032 Battery (pre-installed or included)
- Mounting Screws and Wall Plugs

## 2.2 Battery Installation/Check

The transmitter is powered by a standard CR2032 coin cell battery. If not already installed, or if replacing, ensure correct polarity.

1. Carefully open the battery compartment, usually located on the side or back of the unit.
2. Insert the CR2032 battery with the positive (+) side facing up.
3. Close the battery compartment securely.



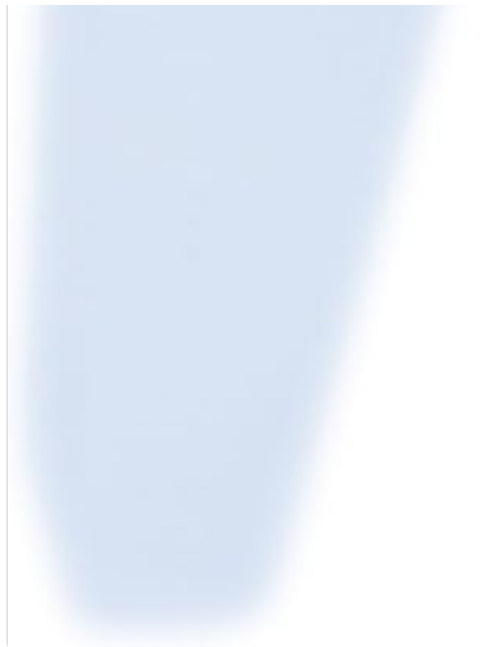


Figure 2: Side view illustrating the location of the battery compartment.

## 2.3 Wall Mounting

The integrated wall bracket simplifies installation.

1. Choose a suitable location on a wall, preferably near the garage door or gate, within easy reach.
2. Hold the transmitter (with the integrated bracket) against the wall at the desired height and mark the positions for the mounting screws.
3. Drill pilot holes at the marked positions. Insert wall plugs if necessary.
4. Secure the transmitter to the wall using the provided screws. Ensure it is firmly attached.



Figure 3: Back view of the transmitter, highlighting the integrated wall bracket and screw holes for mounting.

## 2.4 Programming/Pairing

To operate your garage door or gate, the Digital 520 transmitter must be paired with your Marantec bi-linked receiver. Refer to your garage door operator's manual for specific pairing instructions, as procedures may vary. Generally, this involves:

1. Activating the programming mode on your Marantec receiver (often by pressing a 'Learn' or 'Program' button).
2. Pressing the desired button on the Digital 520 transmitter within a specified timeframe.
3. Confirming successful pairing (e.g., by an LED on the receiver or a specific sound).

## 3. OPERATING INSTRUCTIONS

The Digital 520 transmitter is designed for straightforward operation.

### 3.1 Controlling Your Device

Each of the two large buttons can be configured to control a specific function or device (e.g., open/close garage door 1, open/close garage door 2, activate partial opening, or ventilation function).

- To activate a programmed function, simply press the corresponding button firmly.
- The red LED indicator on the transmitter will illuminate briefly to confirm that a command signal has been sent.



Figure 4: Angled view of the transmitter, showing its compact design and button layout.

## 4. MAINTENANCE

The Marantec Digital 520 requires minimal maintenance to ensure long-lasting performance.

4.1 Battery Replacement

When the red LED indicator on the transmitter becomes dim or fails to light up upon button press, it is time to replace the CR2032 battery. Follow the steps in Section 2.2 for battery installation.

4.2 Cleaning

To clean the transmitter, wipe it with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the unit.

5. TROUBLESHOOTING

If you experience issues with your Digital 520 transmitter, try the following troubleshooting steps:

Problem	Possible Cause	Solution
Transmitter does not respond / LED does not light up.	Dead or low battery.	Replace the CR2032 battery (see Section 4.1).
Transmitter LED lights up, but device does not respond.	Transmitter not paired or pairing lost.	Re-pair the transmitter with your receiver (see Section 2.4). Ensure you are within range of the receiver.
Intermittent operation.	Weak battery or signal interference.	Replace battery. Check for sources of radio interference (e.g., other wireless devices, large metal objects).

If the problem persists after attempting these solutions, please contact Marantec customer support.

6. SPECIFICATIONS

Attribute	Value
Manufacturer	Marantec
Item Model Number	161336
Part Number	161336
Product Dimensions	80 x 80 x 25 mm
Item Weight	90 g
Color	Black
Material	Plastic
Number of Item Units	1
Batteries	1 CR2032 (Included)

Attribute	Value
Battery Cell Type	Lithium Manganese Dioxide
Wireless Frequency	868 MHz
Encryption	128-bit

## 7. WARRANTY AND SUPPORT

Marantec products are manufactured in Germany to the highest quality standards, ensuring reliability and durability. For warranty information, technical support, or service inquiries, please refer to the official Marantec website or contact your local Marantec dealer. Keep your purchase receipt as proof of purchase.