UNITRONIC 8023389773374

Unitronic 2-Channel Wireless Remote Control System User Manual

Model: 8023389773374

1. INTRODUCTION

This manual provides comprehensive instructions for the Unitronic 2-Channel Wireless Remote Control System. This system is designed for convenient and reliable remote control of various electronic devices, both indoors and outdoors. It features two transmitters and one receiver, operating on a stable 433.92 MHz frequency, offering energy-efficient operation and robust signal transmission.

The receiver is capable of storing up to 140 unique codes, allowing for extensive customization and control over devices such as blinds, lighting, and garage doors.

2. PRODUCT COMPONENTS

The Unitronic 2-Channel Wireless Remote Control System includes the following components:

- 2 x Wireless Transmitters (Remote Controls)
- 1 x Wireless Receiver
- 1 x External Antenna
- Batteries (pre-installed or included for transmitters)

Figure 2.1: Overview of the Unitronic 2-Channel Wireless Remote Control System components, including two transmitters, one receiver, and an antenna.

Figure 2.2: Front view of the Unitronic wireless receiver with the external antenna connected.

Figure 2.3: Rear view of the Unitronic wireless receiver, displaying product information and regulatory markings.

3. SETUP AND INSTALLATION

3.1. Receiver Placement

The receiver is rated IP55 for outdoor use and IP20 for indoor use. Choose a location that is suitable for the intended environment and provides optimal signal reception. Ensure the receiver is mounted securely.

3.2. Antenna Connection

Connect the external antenna to the designated port on the receiver. Ensure the connection is secure to maximize signal range and reliability.

3.3. Power Connection

Connect the receiver to a suitable power source according to its specifications. Refer to the wiring diagram if provided with the product packaging for specific electrical connections.

3.4. Transmitter Battery Installation

The transmitters come with batteries included. If replacement is needed, open the battery compartment (usually on the back or side) and insert the correct battery type, observing polarity.

3.5. Pairing Transmitters with Receiver

The receiver can store up to 140 unique codes. The exact pairing procedure may vary slightly based on the specific model and firmware version. Generally, the process involves:

1. **Enter Learning Mode:** Press and hold the learning button on the receiver (refer to the receiver's physical layout for button location, often a small button or jumper). An indicator light on the receiver may illuminate or flash.
2. **Transmit Signal:** While the receiver is in learning mode, press the desired button on the transmitter that you wish to pair.
3. **Confirm Pairing:** The indicator light on the receiver should change (e.g., flash rapidly, turn solid, or turn off) to confirm successful pairing.
4. **Exit Learning Mode:** The receiver may automatically exit learning mode after a short period, or you may need to press the learning button again briefly.

Repeat this process for each button on each transmitter you wish to pair. For detailed, model-specific pairing instructions, please refer to any supplementary documentation provided with your product.

Figure 3.1: Bottom view of the receiver, showing potential programming buttons.

4. OPERATING INSTRUCTIONS

Once the transmitters are successfully paired with the receiver, you can begin controlling your connected devices.

- **Activate Device:** Press the corresponding button on your paired transmitter to activate or deactivate the connected device (e.g., open/close a garage door, turn lights on/off).
- **Range:** The system operates on a 433.92 MHz frequency, providing a reliable signal transmission range. Optimal range may vary depending on environmental factors and obstacles.

Figure 4.1: Using the remote control to operate a garage door.

Figure 4.3: Controlling outdoor lighting with the Unitronic remote.

5. MAINTENANCE

- **Cleaning:** Clean the transmitters and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** If the transmitter's range decreases or the indicator light dims, it may be time to replace the battery. Use the specified battery type.
- **Environmental Protection:** While the receiver is IP55 rated for outdoor use, ensure it is not submerged in water and is protected from extreme weather conditions where possible.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Transmitter not controlling device.	Batteries are low or dead. Transmitter not paired with receiver. Receiver not powered. Obstruction or interference.	Replace transmitter batteries. Perform pairing procedure (Section 3.5). Check receiver power connection. Relocate receiver or clear obstructions.

Problem	Possible Cause	Solution
Reduced operating range.	Low transmitter battery. Environmental interference (e.g., metal structures, other wireless devices). Antenna not properly connected or damaged.	Replace transmitter battery. Try moving the receiver or transmitter to a different location. Check antenna connection; replace if damaged.
Receiver indicator light not on.	No power to receiver. Faulty receiver.	Check power supply and connections. Contact customer support if power is confirmed.

7. SPECIFICATIONS

Feature	Detail
Brand	UNITRONIC
Model Number	8023389773374
Color	Black
Connectivity Technology	Wireless
Special Feature	Digital Display
Compatible Devices	Camera, Personal Computer, Television
Manufacturer	Unitronic
Country of Origin	China
Max Supported Devices	2 (Channels)
Number of Buttons	2 (per transmitter)
Controller Type	Radio Frequency Control
Frequency	433.92 MHz
Receiver Code Storage	Up to 140 unique codes
Max Output Power	120 W
Receiver IP Rating	IP55 (Outdoor), IP20 (Indoor)

8. WARRANTY AND SUPPORT

Information regarding product warranty, spare parts availability, and software updates is not explicitly provided in the available product details.

For any support inquiries, troubleshooting beyond this manual, or warranty claims, please contact the retailer or manufacturer directly using the contact information provided at the point of purchase.

Related Documents - 8023389773374

Unitronic Air+ Remote Control Instructions
Comprehensive guide to operating the Unitronic Air+ remote control for air conditioners, covering instant search, manual search, direct code entry, automatic search, temperature locking, and fan speed locking.

Guía de Selección de Cables y Conectores ETHERLINE Industrial de LAPP
Explore LAPP's ETHERLINE industrial Ethernet cables and EPIC data connectors for robust automation solutions. Features include Cat. 6A and Cat. 5 cables, PROFINET compatibility, and various connector types for demanding environments.

IMSA Michelin Pilot Challenge Pre-Event Inspection Schedule at Watkins Glen
Schedule for pre-event technical inspections for the IMSA Michelin Pilot Challenge at Watkins Glen, listing car numbers, team names, and inspection times.

IMSA Michelin Pilot Challenge Pre-Event Inspection Schedule at Canadian Tire Motorsports Park
Schedule for pre-event technical inspections for the IMSA Michelin Pilot Challenge at Canadian Tire Motorsports Park 120 on Thursday, July 10, 2025. Lists car numbers, team names, and inspection times.

IMSA Michelin Pilot Challenge Road America 120 Pre-Event Inspection Schedule
Official schedule for pre-event technical inspections for the IMSA Michelin Pilot Challenge at Road America 120, listing car numbers, team names, and inspection times.

2025 Chevrolet Grand Prix and Canadian Tire Motorsport Park Schedule
A comprehensive guide to the 2025 Chevrolet Grand Prix and Canadian Tire Motorsport Park events, featuring car details, driver lineups, and team information for IMSA racing.

Documents - UNITRONIC – 8023389773374

Istruzioni

unitronic OUTDOOR

Alimentazione Power Supply	12/24 Vac-dc
Frequenza di ricezione Frequency	433,92 MHz
Assorbimento Max consumption	200 mA
Decodifica Decoding	Binario/Binary
Codici memorizzabili N° max Codes	140
N° canali N° channels	2
N° uscite N° outputs	2
Potenza massima contatto Max Switching power	0.5 A / 120 VA
Temperatura di funzionamento Operating temperature	-20/+50 °c
Potenza emissione Radiocomando Radioremote power emitted	± 6 dBm

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