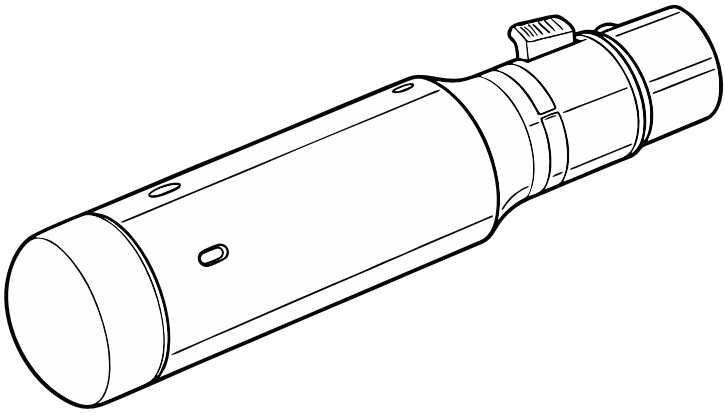
EN

series CONNECT by FLASH

F-WDMX R ACCU 2,4 GHz

Wireless DMX Receiver

F9000386



User Manual

KEEP THIS MANUAL FOR FUTURE REFERENCE.

INTRODUCTION

Thank you for purchasing the FLASH CONNECT F-WDMX R ACCU 2.4 GHz. We hope this device meets your expectations by providing convenient and reliable wireless DMX512 signal transmission.

FOR SAFETY REASONS AND TO ENSURE PROPER OPERATION OF THE DEVICE, PLEASE READ THIS USER MANUAL CAREFULLY.

KEEP THIS MANUAL FOR FUTURE REFERENCE.

SAFETY INFORMATION

WARNING! Read this manual carefully before operating the device. The device is intended for professional DMX512 lighting control systems.

IMPORTANT! Use a DC 5 V power adapter with a minimum current output of 500 mA to charge the battery. Do not use damaged cables, connectors, or power adapters.

WARNING! Do not open the housing, modify the device, or attempt to repair it yourself. Repairs must only be carried out by qualified personnel.

IMPORTANT! Protect the device from moisture, water exposure, excessive heat, and mechanical damage. Before cleaning, switch off the device and disconnect the external power supply.

WARNING! The device contains a built-in lithium-ion battery. Do not expose it to high temperatures, fire, or mechanical damage.

INTENDED USE

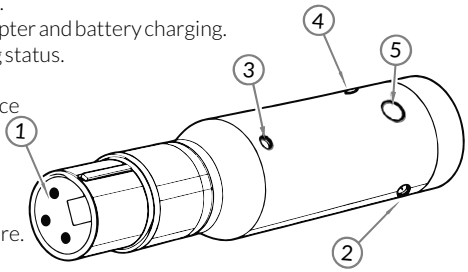
The FLASH CONNECT F-WDMX R ACCU 2.4 GHz is a battery-powered wireless DMX512 receiver designed for use with F-WDMX transmitters.

The device operates in the 2.4 GHz ISM band and uses FHSS technology with automatic frequency hopping. It enables wireless DMX signal reception over distances of up to 500 m in open areas.

The built-in lithium-ion battery provides up to 8 hours of operation without an external power supply. The receiver can also operate while charging.

DEVICE COMPONENTS

1. 3-pin XLR Connector (Female) – DMX512 signal output.
2. DC Power Input – connection for an external power adapter and battery charging.
3. Charging LED Indicator – indicates the battery charging status.
4. Control Button (ID) – selects the transmission group.
5. ON/OFF Switch with RGB Backlight – switches the device on and off and indicates the selected transmission group.



CONNECTION

Connect the receiver to the DMX input of the lighting fixture.
Switch on the receiver using the ON/OFF switch (5).
Use the control button (4) to set the receiver to the same transmission group as the transmitter.
Check the RGB backlight of the ON/OFF switch and verify that the DMX signal is being received correctly.

RECEIVER OPERATION

Connection and Start-up

□ Make sure the receiver's battery is charged. If necessary, connect an external DC 5 V power adapter.
□ Connect the receiver to the DMX input of the lighting fixture.
□ Switch on the receiver using the ON/OFF switch (5).
□ Use the ID control button (4) to select the same transmission group as the transmitter. The selected group is indicated by the RGB backlight color of the ON/OFF switch (5).
□ Once the connection is established, the receiver will begin receiving the wireless DMX512 signal and forwarding it to the connected lighting fixture.

NOTE! If the connection is not established, make sure the transmitter and receiver are set to the same transmission group. Also check that the transmitter is receiving a DMX signal from the lighting controller.

IMPORTANT! After switching the receiver on again, the connection with the transmitter should be automatically restored, provided that the same transmission group is maintained.

Transmission Group Selection

The receiver supports seven transmission groups. Each group is indicated by a different RGB backlight color of the ON/OFF switch (5).

□ Press the recessed ID control button (4) to change the transmission group. Use a non-metallic tool to operate the button.
□ Press the button repeatedly to select the required transmission group.
□ Set the transmitter and receiver to the same transmission group.

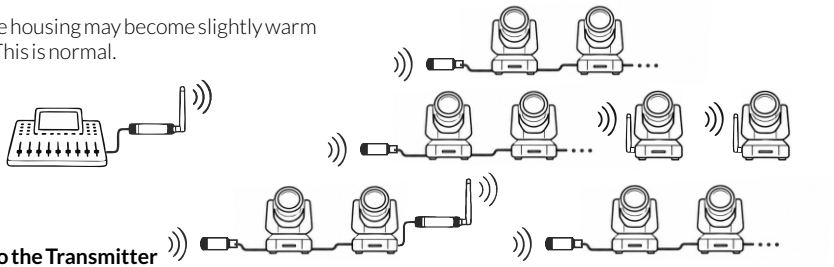
Group	LED Color
1	Red
2	Green
3	Blue
4	Yellow
5	Cyan
6	Magenta
7	White

Battery Power and Charging

The receiver is equipped with a built-in lithium-ion battery, providing up to 8 hours of operation without an external power supply.

□ Use a DC 5 V power adapter with a minimum current output of 500 mA for charging.
□ A full battery charge takes approximately 2 hours.
□ The flashing green LED indicator (3) indicates that the battery is charging.
□ The solid green LED indicator (3) indicates that charging is complete.
□ The device can operate while the battery is charging.

NOTE! The device housing may become slightly warm during charging. This is normal.



No Connection to the Transmitter

□ Check that the receiver is switched on and the battery is sufficiently charged.
□ Make sure the transmitter and receiver are set to the same transmission group.
□ Check that the transmitter is powered on and receiving a DMX signal.
□ Minimize obstacles between the transmitter and receiver.
If necessary, restart both devices.

TECHNICAL SPECIFICATIONS

- Model: FLASH CONNECT F-WDMX R ACCU 2.4 GHz
- Device Type: Battery-Powered Wireless DMX512 Receiver (RX)
- Control Standard: DMX512
- Radio Frequency Band: ISM 2.4 GHz
- Transmission Frequency: 2.402–2.480 GHz
- Number of Frequency Channels: 126
- Number of Transmission Groups: 7
- Transmission Range: Up to 500 m (open area)
- Transmission Group Selection: Manual, via ID button
- Transmission Group Indication: RGB Backlight of the ON/OFF Switch
- Charging Status Indication: LED Indicator
- DMX Output: 3-pin XLR (female)
- Device Supply Voltage: DC 5 V
- Minimum Power Adapter Current Rating: 500 mA
- Battery Type: Built-in Lithium-Ion Battery, Nominal Voltage: 3.7 V
- Battery Capacity: 600 mAh, Battery Runtime: Up to 8 h
- Charging Time: Approximately 2 h
- Operation While Charging: Yes
- Power Supply Type: Built-in Battery / External AC/DC Power Adapter

CLEANING AND MAINTENANCE

Before cleaning, switch off the device and disconnect it from the external power supply. Clean the housing with a soft, dry cloth. Do not use solvents or aggressive cleaning agents.

Regularly inspect the XLR connector, power input, and housing for damage. Do not use the device if any damage is detected.

WARNING! Do not open the housing or attempt to repair the device yourself. Repairs must only be carried out by qualified personnel.

DISPOSAL

Do not dispose of the device or its built-in battery with household waste. Take the device to an appropriate collection point for waste electrical and electronic equipment (WEEE).

FLASH

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