Redshow FLT-75-41

Redshow FLT-75-41 LED Flat Light Instruction Manual

Model: FLT-75-41

1. Introduction

This manual provides essential information for the safe and effective operation of your Redshow FLT-75-41 LED Flat Light. This powerful lighting unit features seven 5W LEDs, offering versatile control options including DMX, sound activation, and wireless remote control. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Instructions

- Always connect the unit to a grounded power outlet.
- Ensure the power supply voltage matches the unit's requirements (100-240 VAC, 50-60Hz).
- Do not open the housing; there are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the light source, as it can cause eye damage.
- Keep the unit away from moisture, water, and high humidity.
- Ensure adequate ventilation around the unit to prevent overheating. Do not block ventilation openings.
- Mount the unit securely using the provided bracket.
- Disconnect from power before cleaning or maintenance.

3. Package Contents

Verify that all items are present and in good condition upon unpacking:

- Redshow FLT-75-41 LED Flat Light Unit

- Power Cable
- DMX LED Remote Controller
- Instruction Manual (this document)

4. Product Overview

Familiarize yourself with the components of your Redshow FLT-75-41 LED Flat Light.



Figure 1: Redshow FLT-75-41 LED Flat Light with power cable and remote control. This image displays the Redshow FLT-75-41

LED Flat Light unit, its power cable, and the included DMX LED Remote Controller. The light features seven individual LED lenses on its front face.



Figure 2: Rear view of the Redshow FLT-75-41 LED Flat Light. A rear view of the Redshow FLT-75-41 LED Flat Light, highlighting the DMX IN port for external control, the power input socket, and the product information label which includes model number, power supply details, and certifications.



Figure 3: Control Panel of the Redshow FLT-75-41 LED Flat Light. This close-up shows the control panel of the Redshow FLT-75-41 LED Flat Light. It features a four-digit digital display and four control buttons labeled 'MENU', 'UP', 'DOWN', and 'ENTER' for navigating settings and modes.



Figure 4: Side view of the Redshow FLT-75-41 LED Flat Light. A side view of the Redshow FLT-75-41 LED Flat Light, illustrating its robust, adjustable mounting bracket. This bracket allows for flexible positioning and installation of the light unit.



Figure 5: DMX LED Remote Controller. This image displays the DMX LED Remote Controller, which is used to operate the Redshow FLT-75-41 LED Flat Light. It features buttons for various functions including Auto, Sound, DMX, Black Out, individual color selection, brightness adjustment (+/-), and effect modes like Jump, Fade, Color, and Flash.

5. Setup

5.1 Mounting

The FLT-75-41 is equipped with an adjustable mounting bracket for flexible installation. Ensure the mounting surface or truss is capable of supporting the weight of the fixture. Use appropriate clamps or fasteners (not included) to secure the light.

5.2 Power Connection

1. Connect the provided power cable to the power input socket on the rear of the unit (refer to Figure 2).
2. Plug the other end of the power cable into a suitable grounded electrical outlet (100-240 VAC, 50-60Hz).
3. The unit will power on and the control panel display will illuminate.

5.3 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port on the rear of the FLT-75-41 (refer to Figure 2). If connecting multiple DMX fixtures, daisy-chain them from the DMX OUT of one fixture to the DMX IN of the next.

6. Operating Modes

The Redshow FLT-75-41 offers multiple operating modes, controllable via the onboard control panel or the included remote control.

6.1 Control Panel Operation

The control panel (Figure 3) features a digital display and four buttons:

- **MENU:** Cycles through the main menu options (e.g., DMX address, operating modes).
- **UP:** Increases values or navigates up through menu options.
- **DOWN:** Decreases values or navigates down through menu options.
- **ENTER:** Confirms selections or enters sub-menus.

Use these buttons to select DMX addresses, choose operating modes (Auto, Sound, Manual Color), and adjust parameters like brightness or speed.

6.2 Remote Control Operation

The DMX LED Remote Controller (Figure 5) provides convenient wireless control:

- **Auto:** Activates pre-programmed automatic light shows.
- **Sound:** Engages sound-activated mode, where the light reacts to music via its built-in microphone.
- **DMX:** Switches the unit to DMX control mode.
- **Black Out:** Turns off all LEDs.
- **Red, Green, Blue, White:** Selects individual primary colors.
- **Color Buttons (1-9):** Selects various pre-mixed colors.
- **+:** Increases brightness or effect speed.
- **-:** Decreases brightness or effect speed.
- **Jump:** Activates a color jump effect.
- **Fade:** Activates a color fade effect.

- **Color:** Cycles through static color options.
- **Flash:** Activates a strobe or flash effect.

6.3 DMX Control Mode

When in DMX mode, the fixture responds to signals from an external DMX controller. Set the DMX address using the control panel. Consult your DMX controller's manual for specific programming instructions. The FLT-75-41 typically uses a standard number of DMX channels for color mixing (RGBW) and effects.

6.4 Sound-Activated Mode

In sound-activated mode, the built-in microphone detects ambient sound, and the light patterns and colors will change in response to the music or audio. Adjust the microphone sensitivity if available via the control panel or remote.

6.5 Auto Mode

Auto mode cycles through a series of pre-programmed light shows and color sequences. The speed of these programs can often be adjusted using the '+' and '-' buttons on the remote or the control panel.

7. Maintenance

7.1 Cleaning

Regular cleaning helps maintain optimal light output and extends the lifespan of the unit.

1. Disconnect the unit from power before cleaning.
2. Use a soft, lint-free cloth to wipe the exterior and LED lenses.
3. For stubborn dirt, a mild glass cleaner can be applied to the cloth (not directly to the unit).
4. Ensure the unit is completely dry before reconnecting power.

7.2 Storage

When not in use, store the FLT-75-41 in a dry, dust-free environment, preferably in its original packaging or a protective case.

8. Troubleshooting

If you encounter issues with your FLT-75-41, refer to the following common problems and solutions:

- **No Power:**
  - Check if the power cable is securely connected to both the unit and the power outlet.
  - Verify that the power outlet is functional.
- **No Light Output:**
  - Ensure the unit is not in 'Black Out' mode (check remote or control panel).
  - If in DMX mode, verify DMX signal and address settings.
  - Check brightness settings.

- **Remote Control Not Responding:**
  - Ensure there are no obstructions between the remote and the light's IR receiver.
  - Check the remote control's battery and replace if necessary.
- **Light Not Responding to Music:**
  - Ensure the unit is in 'Sound' mode.
  - Increase the microphone sensitivity if adjustable.
  - Ensure there is sufficient audio volume near the unit.

If problems persist, contact Redshow customer support.

9. Specifications

Brand	Redshow
Model Number	FLT-75-41 (RS-FLT75-41)
Light Source	7 x 5W LEDs (RGBW)
Power Supply	100-240 VAC, 50-60Hz
Control Modes	DMX, Sound-Activated, Auto, Remote Control, Manual Color
Dimensions (Package)	24 x 22 x 15 cm
Weight (Item)	1.8 Kilograms
International Article Code (UPC)	5712904007331

10. Warranty and Support

Redshow products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or service inquiries, please reach out to Redshow customer service through their official channels.

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