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YueLi YueLi-52278

YueLi Smart Screen Remote Control Instruction Manual

For DJI Mavic 2, Mavic Air 2, and DJI Air 2S

INTRODUCTION

This manual provides comprehensive instructions for the YueLi Smart Screen Remote Control. Please read this manual thoroughly before using the product to ensure safe and optimal operation. This remote control is designed for use with DJI Mavic 2, Mavic Air 2, and DJI Air 2S drones.

Product Overview

The YueLi Smart Screen Remote Control integrates a 5.5-inch display, eliminating the need for a separate mobile device. It features OcuSync 2.0 image transmission technology for stable and clear video feeds over long distances. The ergonomic design ensures comfortable handling during extended use.



Figure 1: YueLi Smart Screen Remote Control in operation with a drone.

SETUP

1. Unboxing and Components

Carefully remove all components from the packaging. Verify that the following items are present:

- YueLi Smart Screen Remote Control
- Control Sticks (pre-installed or included separately)
- Charging Cable

2. Charging the Remote Control

Before first use, fully charge the remote control. Connect the charging cable to the appropriate port on the remote control and to a power source. The charging indicator will show the charging status.



Figure 2: Top view of the remote control, highlighting the various ports including the charging port.

A full charge typically takes approximately 2 hours, providing up to 2.5 hours of operation.

3. Initial Pairing with Drone

To pair the remote control with your drone (DJI Mavic 2, Mavic Air 2, or DJI Air 2S), follow these steps:

1. Power on the remote control and the drone.
2. Access the pairing function on the remote control's screen (refer to the on-screen prompts).
3. Press and hold the pairing button on your drone until the drone's indicators show it is in pairing mode.
4. Confirm pairing on the remote control screen. Once successfully paired, the remote control will display the drone's status.

OPERATING

1. Controls Layout

The remote control features an intuitive layout for precise drone operation.



Figure 3: Front view of the remote control, showing the joysticks, power button, and other control buttons.

- **Left Joystick:** Controls altitude and yaw (rotation).
- **Right Joystick:** Controls forward/backward and left/right movement.
- **Power Button:** Press once to check battery level, press and hold to power on/off.
- **Return-to-Home (RTH) Button:** Initiates the drone's return to its recorded home point.
- **Flight Mode Switch:** Toggles between different flight modes (e.g., Normal, Sport, Tripod).
- **Customizable Buttons:** Assign specific functions via the remote control settings.

2. Screen Interface

The integrated 5.5-inch screen provides a clear view of the drone's camera feed and flight data. The screen offers enhanced brightness for outdoor visibility.

- **Live View:** Displays real-time video feed from the drone's camera.
- **Telemetry Data:** Shows flight information such as altitude, speed, distance, and battery level.
- **Settings Menu:** Access drone and remote control settings, including camera parameters and flight limits.

3. Basic Flight Functions

Ensure the drone is in an open area, away from obstacles and people, before initiating flight.

1. **Takeoff:** Press the auto-takeoff button on the screen or perform the stick combination (both joysticks down and inward/outward).
2. **Landing:** Press the auto-landing button on the screen or slowly pull the left joystick down.
3. **Hovering:** Release the joysticks to allow the drone to hover stably in place.

4. Advanced Features

- **OcuSync 2.0:** This technology provides a stable and reliable video transmission up to 8 kilometers, automatically switching frequency bands for optimal signal.

- **4K, 60P HDMI Output:** The remote control supports HDMI output, allowing you to connect to an external display for a larger view of the drone's feed.

MAINTENANCE

1. Cleaning

- Wipe the remote control's surface with a soft, dry cloth.
- For stubborn dirt, use a slightly damp cloth and then dry thoroughly.
- Avoid using harsh chemicals or abrasive materials, as these can damage the screen or casing.

2. Storage

- Store the remote control in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove the control sticks if storing for extended periods to prevent damage.



Figure 4: Bottom view of the remote control with the foldable stand extended, useful for stable placement during storage or setup.

3. Battery Care

- Recharge the battery at least once every three months to maintain battery health, even if not in use.
- Avoid fully discharging the battery frequently.
- Do not expose the battery to extreme heat or cold.

TROUBLESHOOTING

This section addresses common issues you might encounter with your YueLi Smart Screen Remote Control.

Problem	Possible Cause	Solution
Remote control does not power on.	Low battery.	Charge the remote control fully.
Cannot connect to drone.	Not paired, interference, or drone is off.	Ensure drone is powered on. Re-attempt pairing process. Move to an area with less signal interference.
Error code 30064 displayed.	General connection or system error.	Restart both the remote control and the drone. Ensure firmware is up to date. If the issue persists, contact customer support.
Shortened control distance.	Environmental interference, antenna position, or outdated firmware.	Ensure antennas are properly oriented. Fly in open areas. Update remote control and drone firmware.
Screen is dim or unresponsive.	Brightness settings, software glitch, or physical damage.	Adjust screen brightness in settings. Restart the remote control. If unresponsive, contact support.

SPECIFICATIONS

Feature	Detail
Model Number	YueLi-52278
Package Dimensions	9.21 x 8.43 x 2.32 inches
Item Weight	2.14 pounds
Display Size	5.5 inches
Image Transmission	OcuSync 2.0
Max Transmission Distance	Up to 8 kilometers
Battery Life	Up to 2.5 hours
Charging Time	Approximately 2 hours
HDMI Output	4K, 60P
Compatibility	DJI Mavic 2, Mavic Air 2, DJI Air 2S
Special Feature	Ergonomic design
Color	Black

WARRANTY AND SUPPORT

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

Manufacturer: YueLi

For further assistance, please visit the [YueLi Store on Amazon](#).