

DJI CP.TR.00000013.01

DJI Part 04 MMCX Straight Antenna for FPV Air Unit User Manual

Model: CP.TR.00000013.01

PRODUCT OVERVIEW

The DJI Part 04 MMCX Straight Antenna is designed for use with DJI FPV Air Units, providing reliable signal transmission for your FPV system. This pair of LHCP (Left-Hand Circularly Polarized) antennas features an MMCX connector for secure attachment and is engineered for long-distance transmission with strong anti-interference capabilities.

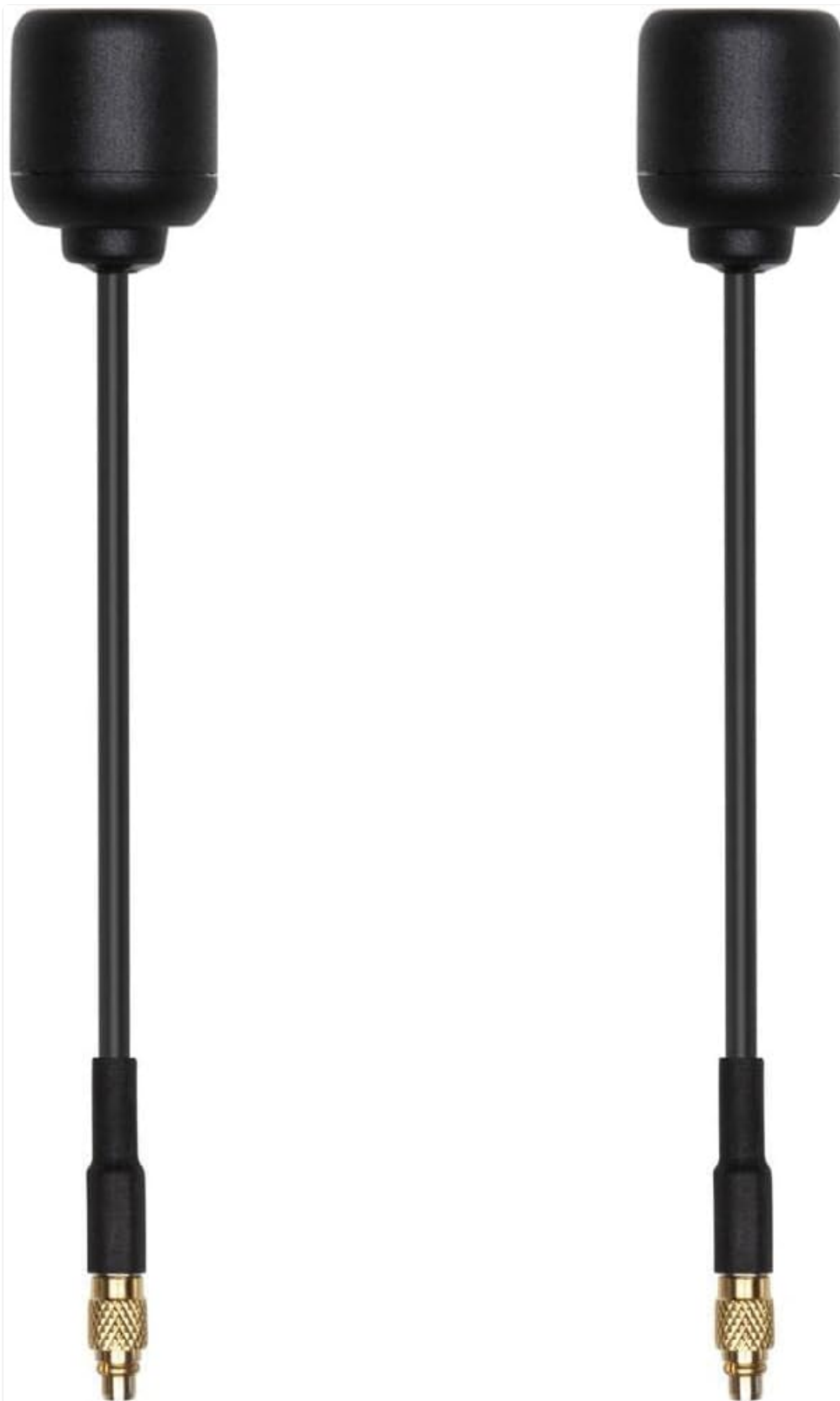


Image: A pair of DJI Part 04 MMCX Straight Antennas. Each antenna consists of a black cylindrical cap, a flexible black cable, and a gold-colored MMCX connector at the base.

SETUP INSTRUCTIONS

1. **Identify Connectors:** Locate the MMCX antenna ports on your DJI FPV Air Unit. Ensure they are clean and free of debris.
2. **Align and Connect:** Carefully align the MMCX connector of the antenna with the port on the FPV Air Unit. Gently push the connector straight in until you feel a distinct click, indicating a secure connection. Avoid twisting or forcing the connector.

3. **Repeat for Second Antenna:** If using both antennas, repeat the process for the second antenna on the corresponding port.
4. **Positioning:** Once connected, position the antennas to ensure optimal signal reception. Avoid placing them directly against carbon fiber or other materials that may obstruct the signal. For best results, ensure they are oriented away from each other and have a clear line of sight.
5. **Verify Connection:** Gently tug on the antenna cable near the connector to confirm it is firmly attached. A loose connection can lead to signal loss.

Note: These antennas are LHCP (Left-Hand Circularly Polarized). For optimal performance, ensure that your receiving antennas (e.g., on FPV goggles) are also LHCP.

OPERATING GUIDELINES

- **Pre-Flight Check:** Before each flight, visually inspect the antennas for any signs of damage, bends, or loose connections.
- **Optimal Orientation:** Maintain a clear line of sight between your FPV Air Unit antennas and your receiving antennas on the goggles. Obstacles such as trees, buildings, or even your own body can degrade signal quality.
- **Avoid Interference:** Operate your FPV system away from strong sources of electromagnetic interference, such as Wi-Fi routers, high-voltage power lines, or other radio transmitters.
- **Range Awareness:** Be aware of the operational range of your FPV system. Signal quality can diminish significantly at the edge of the range, potentially leading to video feed loss.
- **Environmental Factors:** Adverse weather conditions (e.g., heavy rain, fog) can affect signal propagation.

MAINTENANCE

- **Cleaning:** If the antennas become dirty, gently wipe them with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** Regularly inspect the antenna cables and connectors for any signs of wear, fraying, or damage. Pay close attention to the MMCX connector for any bending or corrosion.
- **Storage:** Store the antennas in a clean, dry place, away from direct sunlight and extreme temperatures. Avoid bending the cables sharply or placing heavy objects on them.
- **Handling:** Always handle the antennas by the base or cable, avoiding excessive force on the radiating element (the top cylindrical part).

TROUBLESHOOTING

- **Poor Video Signal:**
 - Ensure antennas are securely connected to the FPV Air Unit.
 - Verify that both transmitting (Air Unit) and receiving (goggles) antennas are of the same polarization (LHCP in this case).
 - Check for obstructions between the drone and the pilot.
 - Inspect antennas for physical damage.
 - Test in a different location to rule out environmental interference.
- **Antenna Disconnection:**
 - Ensure the MMCX connector clicked into place during installation.

- Avoid excessive strain on the antenna cables during flight or handling.
- If connectors appear worn or damaged, replacement may be necessary.

SPECIFICATIONS

Feature	Detail
Brand	DJI
Model Number	CP.TR.00000013.01
Antenna Type	LHCP antenna with MMCX joint
Connector Type	MMCX Straight
Color	Black
Number of Items	2 (Pair)
Product Dimensions	7 x 3.5 x 0.1 inches
Item Weight	0.317 ounces
UPC	190021336506

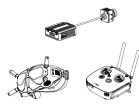





WARRANTY INFORMATION

For detailed warranty information regarding the DJI Part 04 MMCX Straight Antenna, please refer to the official DJI website or the warranty card included with your product packaging. Warranty terms and conditions may vary by region and product type.

CUSTOMER SUPPORT

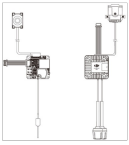
If you encounter any issues or have questions about your DJI Part 04 MMCX Straight Antenna, please contact DJI customer support through their official website. You can find support resources, FAQs, and contact information at www.dji.com/support.

Related Documents - CP.TR.00000013.01

<div><div>DJI DIGITAL FPV SYSTEM</div><div>Uživatelská příručka</div><div></div><div></div></div>	<p>DJI Digital FPV System Uživatelská příručka</p> <p>Uživatelská příručka pro systém DJI Digital FPV, která podrobně popisuje jeho komponenty (Air Unit, Goggles, Remote Controller), instalaci, provoz, údržbu a technické specifikace pro FPV létání.</p>
<div><div>DJI O3 AIR UNIT</div><div>User Manual</div><div></div></div>	<p>DJI O3 Air Unit: User Manual, Installation, and Operation Guide</p> <p>Comprehensive user manual for the DJI O3 Air Unit, detailing its features, installation, activation, firmware updates, linking procedures, operation with compatible DJI goggles and remote controllers, maintenance, and technical specifications.</p>
<div><div>DJI GOGGLES INTEGRA FAQ</div><div></div><div><p>Which products can be used with DJI Goggles Integra?</p><p>DJI Goggles Integra is compatible with the following products:</p><ul style="list-style-type: none">1. DJI FPV2. DJI Air 2S3. DJI Mavic 3 Pro4. DJI Mavic 3 Pro Cine5. DJI Mavic 3 Classic6. DJI Mavic 3 Classic Cine7. DJI Mini 4 Pro8. DJI Mini 4 Pro Cine<p>Which products can be used with DJI Goggles Integra for FPV?</p><p>DJI Goggles Integra can be used with the following products for FPV:</p><ul style="list-style-type: none">1. DJI FPV2. DJI Air 2S3. DJI Mavic 3 Pro4. DJI Mavic 3 Pro Cine5. DJI Mavic 3 Classic6. DJI Mavic 3 Classic Cine7. DJI Mini 4 Pro8. DJI Mini 4 Pro Cine</div></div>	<p>DJI Goggles Integra FAQ - Compatibility, Features, and Usage Guide</p> <p>Frequently asked questions about DJI Goggles Integra, covering product compatibility, usage precautions, differences from other models, vision correction, connectivity, and recording features.</p>
<div><div>DJI O3 Air Unit Easy-to-Use Guide for Beginners</div></div>	<p>DJI O3 Air Unit Easy-to-Use Guide for Beginners FPV Drone Video Transmission</p> <p>A beginner's guide to the DJI O3 Air Unit, covering setup, installation, activation, linking, firmware updates, and accessory changes for FPV drones. Learn about its O3+ technology and features.</p>
<div><div></div><div>User Manual</div><div></div></div>	<p>DJI FPV User Manual - Comprehensive Guide to FPV Drone Flight</p> <p>Explore the DJI FPV User Manual for detailed information on the DJI FPV drone, Goggles V2, and Remote Controller 2. Learn about flight modes, setup, maintenance, and specifications for an immersive FPV experience.</p>

DJI O4
AIR UNIT/AIR UNIT PRO

Product Information



[DJI O4 Air Unit and Air Unit Pro Product Information and Manual](#)

A comprehensive guide to the DJI O4 Air Unit and DJI O4 Air Unit Pro, detailing product overview, installation, activation, linking procedures, technical specifications, and regulatory compliance information.