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BIG BOOM EP-453995BIG BOOM

Instruction Manual

BIG BOOM® C62D Black Data Converting Controller Line

1. Introduction

This manual provides essential information for the proper use, setup, and maintenance of your BIG BOOM® C62D Black Data Converting Controller Line. This cable is designed to connect your DJI Spark or Mavic Pro aircraft controller to a compatible mobile device for data transfer and control.

2. Product Overview

The BIG BOOM® C62D Data Converting Controller Line consists of a specialized cable designed to facilitate communication between your DJI drone controller and a smartphone or tablet. It ensures stable data transmission for flight control and real-time video feed.



Figure 2.1: Overview of the DJI drone controller and the two types of data converting cables included. One cable features a standard USB-A connector, while the other is designed for mobile device connectivity.



Figure 2.2: The data converting cable connected between a DJI drone controller and a smartphone, demonstrating the typical setup for operation.



Figure 2.3: A detailed view of one of the data converting cables, showing its USB-A and micro-USB connectors. This cable is typically used for connecting the controller to a mobile device with a micro-USB port or to a computer.



Figure 2.4: A close-up image illustrating how the data converting cable securely plugs into the designated port on the DJI drone controller.

3. Setup

1. **Identify the Correct Cable:** Select the data converting cable that matches the port type on your mobile device (e.g., Micro-USB, USB-C, or Lightning).
2. **Connect to Controller:** Insert the smaller, angled end of the data converting cable into the designated port on your DJI Spark or Mavic Pro controller. Ensure it is firmly seated.
3. **Connect to Mobile Device:** Insert the other end of the cable into the charging/data port of your smartphone or tablet.
4. **Power On Devices:** Turn on your DJI controller and your mobile device.
5. **Launch DJI App:** Open the official DJI GO 4 app (or relevant DJI app for your drone model) on your mobile device. The app should automatically detect the connected controller.

Note: Ensure your mobile device has sufficient battery and the DJI app is updated to the latest version for optimal performance.

4. Operating

Once the data converting cable is correctly connected and the DJI app recognizes the controller, you can proceed with normal drone operation. The cable facilitates the transmission of control signals from the controller to the drone via your mobile device, and also relays real-time telemetry and video feed back to your device's screen.

- **Flight Control:** Use the physical controls on your DJI controller to maneuver the drone.
- **Real-time View:** Monitor the drone's camera feed and flight parameters on your mobile device screen through the DJI app.
- **Settings Adjustment:** Access and modify drone settings, camera parameters, and flight modes directly within the DJI app.

5. Maintenance

Proper maintenance extends the lifespan of your data converting cable.

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures. Avoid sharp bends or kinks in the cable.
- **Cleaning:** If necessary, gently wipe the cable and connectors with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Handling:** Always grasp the connector ends when plugging or unplugging the cable. Avoid pulling directly on the cable itself, as this can damage the internal wires.
- **Inspection:** Periodically inspect the cable for any signs of wear, fraying, or damage to the connectors. Discontinue use if damage is observed.

6. Troubleshooting

Problem	Possible Cause	Solution
Controller not recognized by mobile device/app.	• Loose cable connection. • Incorrect cable type for mobile device. • Outdated DJI app. • Damaged cable.	• Ensure both ends of the cable are securely plugged in. • Verify you are using the correct cable for your mobile device's port. • Update the DJI app to the latest version. • Try a different, known-working cable.
Intermittent connection or data loss.	• Cable damage. • Port issues on controller or mobile device.	• Inspect the cable for visible damage. • Ensure ports are clean and free of debris. • Restart both the controller and mobile device.

7. Specifications

- **Model Number:** EP-453995BIG BOOM
- **Product Dimensions:** Approximately 15 x 5 x 10 cm (packaging dimensions)
- **Included Components:** 1 x Data Converting Controller Line (as per package contents)
- **Compatibility:** DJI Spark, DJI Mavic Pro controllers, and compatible mobile devices.
- **Manufacturer:** BIG BOOM

8. Support

For any queries or assistance regarding your BIG BOOM® C62D Data Converting Controller Line, please contact the seller directly through the platform where the purchase was made.

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