ABLFY_DUD_21265

JR Module Adapter User Manual

Model: ABLFY_DUD_21265
Brand: Generic

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your JR Module Adapter. This adapter is designed to allow the use of various JR Type TX modules, such as TBS Crossfire, iRangeX IRX4, and Jumper JP4IN1, with compatible FrSky X-LITE transmitters.

PRODUCT OVERVIEW

The JR Module Adapter facilitates the connection of external JR-style transmitter modules to FrSky X-LITE series radios. It provides the necessary physical and electrical interface for these modules to function correctly with your transmitter.

Package Contents:

- 1 x JR Module Adapter
- 1 x Connection Cable

Product Images:

Figure 1: JR Module Adapter installed on a FrSky X-LITE transmitter, with a TBS Crossfire module attached. This illustrates the adapter's function in integrating external modules.

Figure 2: Rear perspective of the FrSky X-LITE transmitter showing the JR Module Adapter and a Jumper JP4IN1 module. Note the antenna of the module extending upwards.

Figure 3: View of the FrSky X-LITE transmitter's module bay from the underside, highlighting the mounting points for the JR Module Adapter.

Figure 4: Detailed view of the JR Module Adapter, showing the adapter body and the attached multi-pin connection cable.

Figure 5: Alternative close-up of the JR Module Adapter, providing a different angle of its structure and connection points.

Figure 6: The JR Module Adapter and its accompanying connection cable displayed separately, illustrating the two main components of the product.

SETUP INSTRUCTIONS

1. **Prepare Transmitter:** Ensure your FrSky X-LITE transmitter is powered off.
2. **Access Module Bay:** Locate the external module bay on the back of your FrSky X-LITE transmitter. This may require removing a cover or existing module.

3. **Connect Adapter Cable:** Carefully connect the multi-pin cable from the JR Module Adapter to the corresponding internal pins within the transmitter's module bay. Ensure the orientation is correct to avoid bending pins.

4. **Mount Adapter:** Securely mount the JR Module Adapter into the module bay. The adapter is designed to fit snugly.

5. **Attach External Module:** Once the JR Module Adapter is installed, you can now attach your desired JR Type TX module (e.g., TBS Crossfire, iRangeX IRX4, Jumper JP4IN1) to the adapter. Ensure it clicks into place or is otherwise securely fastened.

6. **Power On and Test:** Power on your FrSky X-LITE transmitter. Verify that the external module is recognized by the transmitter's firmware. Refer to your transmitter's manual for specific steps on external module setup and binding.

Note: Always ensure proper pin alignment and secure connections to prevent damage to the adapter or your transmitter.

OPERATING INSTRUCTIONS

The JR Module Adapter itself does not require specific operational steps beyond proper installation. Its function is to provide a physical and electrical interface for external JR Type TX modules.

- **Module Recognition:** After installation, ensure your transmitter's firmware recognizes the connected external module. This is typically indicated on the transmitter's display or through LED indicators on the module itself.

- **Module Configuration:** All operational settings, such as binding, power output, and protocol selection, are managed through the external JR Type TX module and your transmitter's operating system (e.g., OpenTX, EdgeTX). Refer to the specific manual for your external module for detailed operating instructions.

- **Secure Connection:** Before each use, verify that the external module is securely seated in the JR Module Adapter and that the adapter itself is firmly installed in the transmitter's module bay.

MAINTENANCE

The JR Module Adapter is a passive component and requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to gently wipe the adapter to remove dust or debris. Do not use liquid cleaners or solvents.

- **Inspection:** Periodically inspect the connection pins on both the adapter and its cable for any signs of bending, corrosion, or damage.

- **Storage:** When not in use, store the adapter in a clean, dry environment, away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
External module not recognized by transmitter.	- Loose connection between adapter and transmitter. - Loose connection between external module and adapter. - Incorrect module settings in transmitter firmware. - Damaged adapter or cable.	- Ensure adapter cable is fully seated in the transmitter's internal pins. - Ensure external module is securely attached to the adapter. - Verify transmitter settings for external module are correct (e.g., external RF set to "CRSF", "Multi", etc.). - Inspect adapter and cable for visible damage. If damaged, replacement may be necessary.
Module LEDs not illuminating.	- No power supply to the module via the adapter. - Faulty module.	- Confirm transmitter is powered on and battery is charged. - Check all connections as per "External module not recognized" troubleshooting. - Test the external module with another compatible transmitter if possible.

SPECIFICATIONS

Attribute	Value
Item Name	JR Module Adapter
Color	Black
Dimensions (L*W*H)	5.0 cm * 5.8 cm * 2.6 cm
Weight	14 g
Usage	For TBS Crossfire, iRangeX IRX4 Multiprotocol TX Module, Jumper JP4IN1 Multiprotocol TX Module etc. JR Type TX module.
Model Number	ABLFY_DUD_21265

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For any support inquiries, technical assistance, or warranty claims, please contact the seller or manufacturer directly through the platform where the product was purchased.
It is recommended to retain your proof of purchase for any potential warranty claims.