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› AEcreative CAT Remote Control Interface Cable User Manual

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Model: CAT Remote Control Interface Cable

1. PRODUCT OVERVIEW

The AEcreative CAT Remote Control Interface Cable is designed to connect compatible Yaesu amateur radio transceivers to a personal computer. This cable facilitates Computer Aided Transceiver (CAT) control, enabling software-based operation and data transfer between the radio and PC. It integrates the CT-62 FIF-232c interface, eliminating the need for additional external interface units.



Image 1.1: The AEcreative CAT Remote Control Interface Cable, showing the USB connector for the computer and the multi-pin connector for the Yaesu radio.

2. PACKAGE CONTENTS

Verify that your package contains the following item:

- 1x AEcreative USB CAT Control Cable (approximately 3 feet in length)

3. COMPATIBILITY

This cable is compatible with a range of Yaesu amateur radio models and computer operating systems:

3.1. Compatible Yaesu Radio Models

- FT-747GX, FT-747SX
- FT-767GX, FT-767SX
- FT-1000D, FT-1011, FT-1021
- FT-3800, FT-3800H
- FT-736R, FT-980, FT-990
- FRG-100, FRG-8800, FRG-9600, FRG-965

3.2. Compatible Operating Systems

- Windows 7
- Windows 10
- Windows 11

3.3. Compatible Software

The cable works with various HAM radio software applications, including but not limited to:

- Ham Radio Deluxe
- Fldigi
- Echolink
- MixW
- Digipan

4. SETUP INSTRUCTIONS

Follow these steps to connect your AEcreative CAT Remote Control Interface Cable:

1. **Connect to Radio:** Locate the CAT or ACC port on your Yaesu transceiver. Carefully insert the multi-pin connector of the cable into the corresponding port on your radio. Ensure a secure connection.
2. **Connect to PC:** Insert the USB Type-A connector of the cable into an available USB port on your personal computer.
3. **Driver Installation:** Upon connecting the cable to your PC, the operating system (Windows 7, 10, or 11) should automatically detect the device and attempt to install the necessary drivers. If automatic installation fails, refer to your operating system's device manager to manually update or install drivers. No separate interface hardware is required as the CT-62 FIF-232c interface is built into the cable.
4. **Software Configuration:** Once the cable is recognized by your PC, open your preferred HAM radio software (e.g., Ham Radio Deluxe, Fldigi). Navigate to the software's settings or configuration menu to select the correct COM port assigned to the USB cable and configure the radio model and CAT control settings as required by the software.

5. OPERATING INSTRUCTIONS

After successful setup and configuration, you can begin operating your Yaesu radio via your computer:

1. **Power On:** Ensure both your Yaesu radio and your computer are powered on.
2. **Launch Software:** Open the HAM radio software configured for CAT control.
3. **Verify Connection:** Within the software, verify that the connection to the radio is established. Most software will indicate the connection status.
4. **Control and Data Transfer:** You can now use the software to control various functions of your radio, such as frequency tuning, mode selection, and memory management. The cable also facilitates data transfer for digital modes and logging.

6. TROUBLESHOOTING

If you encounter issues during setup or operation, consider the following troubleshooting steps:

- **No Connection Detected:**

- Ensure both ends of the cable are securely connected to the radio and the PC.
- Check the Device Manager on your PC to confirm the USB cable is recognized and drivers are installed correctly. Look for a new COM port.
- Try a different USB port on your computer.
- Restart your computer and radio.

- **Software Not Controlling Radio:**

- Verify that the correct COM port is selected in your HAM radio software settings.
- Ensure the radio model is correctly configured in the software.
- Check the baud rate and other serial port settings in the software to match your radio's requirements (refer to your radio's manual).
- Confirm that the radio's CAT control function is enabled in its menu settings.

- **Intermittent Connection:**

- Ensure the cable is not bent or damaged.
- Avoid placing the cable near sources of strong electromagnetic interference.

7. SPECIFICATIONS

Brand	AEcreative
Product Type	CAT Remote Control Interface Cable
Connector Type (PC)	USB Type A
Cable Type	USB
Compatible Devices	Personal Computer, Yaesu HAM Radios
Special Feature	Data Transfer, Built-in CT-62 FIF-232c Interface

Cable Length	Approximately 3 feet
Color	Black
Connector Gender	Male-to-Male
Connectivity Technology	USB
Recommended Uses	Connecting HAM radios to a PC for data transfer and software operation

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your AEcreative CAT Remote Control Interface Cable, please contact the manufacturer directly. Details for contacting AEcreative can typically be found on their official website or through the retailer where the product was purchased.