

## Amewi DDF-350

# Amewi DDF-350 10-Channel Remote Control System User Manual

Comprehensive instructions for setup, operation, and maintenance of your DDF-350 remote control and receiver.

## 1. PRODUCT OVERVIEW

The Amewi DDF-350 is a sophisticated 10-channel 2.4 GHz digital proportional radio control system designed for various RC models, including cars, crawlers, commercial vehicles, tanks, and boats. This system provides precise control and extensive programming options through its intuitive interface and high-contrast color display.



Figure 1.1: The Amewi DDF-350 10-channel remote control (transmitter) and its accompanying 10-channel receiver unit.

## Key Features:

- **10 Programmable Channels:** Offers extensive control for various functions and accessories.
- **2.4 GHz Technology:** Ensures reliable and interference-free communication.
- **High-Contrast Color Display:** Provides clear visibility of settings and telemetry data.
- **Multi-Language Menu:** User-friendly interface with support for multiple languages, including German.
- **Versatile Application:** Suitable for a wide range of RC models.

## 2. SETUP

## **2.1 Unboxing and Inspection**

Carefully unpack all components. Verify that the package contains the DDF-350 transmitter and the 10-channel receiver. Inspect all items for any signs of damage. If any components are missing or damaged, contact your retailer immediately.

## **2.2 Transmitter Battery Installation**

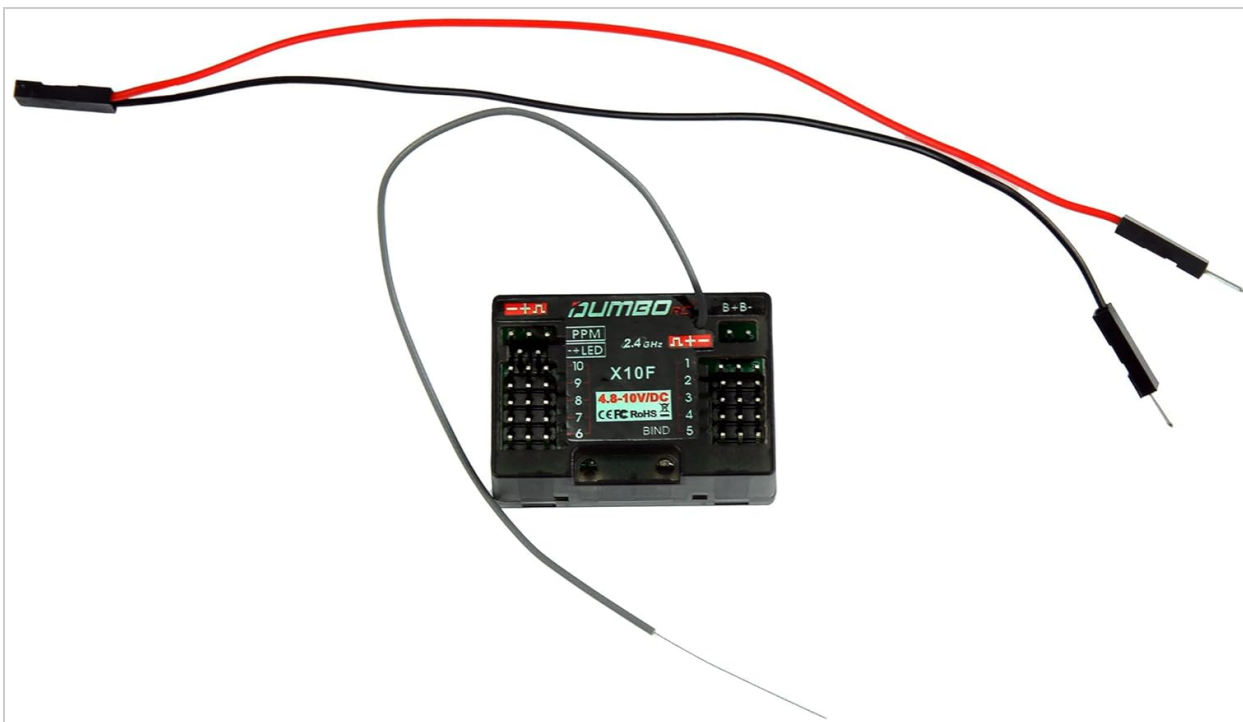
The DDF-350 transmitter typically requires 4 AA batteries (not included). Locate the battery compartment on the underside of the transmitter. Open the cover, insert the batteries according to the polarity indicators (+/-), and securely close the compartment.



**Figure 2.1:** Rear view of the DDF-350 transmitter, showing the location of the battery compartment (typically on the underside, not visible in this specific angle but implied by the overall design).

## 2.3 Receiver Connection

The 10-channel receiver unit is designed to connect to various components of your RC model. Refer to the diagram below for typical connections:



**Figure 2.2:** The Amewi 10-channel receiver unit. Channels 1-10 are available for connecting servos, ESCs, and other accessories. The BIND port is used for pairing with the transmitter, and the B-B+ port is for power input (4.8-10VDC).

- **Channel 1 (CH1):** Typically for Steering Servo.
- **Channel 2 (CH2):** Typically for Throttle/ESC.
- **Channels 3-10 (CH3-CH10):** For auxiliary functions such as lights, winches, sound modules, gear shifting, or other programmable features.
- **B-B+ Port:** Connect your model's power source (e.g., battery via ESC's BEC or a separate receiver battery) to this port. Ensure the voltage is within the specified range (4.8-10VDC).
- **BIND Port:** Used for the binding procedure.

## 2.4 Binding the Transmitter and Receiver

Binding is the process of linking the transmitter to the receiver, establishing a unique communication link. Follow these steps:

1. Ensure the transmitter is powered off.
2. Insert the bind plug (usually included with the receiver) into the BIND port on the receiver.
3. Connect power to the receiver (e.g., turn on the ESC connected to CH2, or connect a receiver battery). The receiver's LED should flash rapidly, indicating it is in binding mode.
4. While holding down the BIND button on the transmitter (refer to your transmitter for exact button location, often near the power button or on the display panel), power on the transmitter.
5. The transmitter's display will show a binding progress or confirmation. The receiver's LED should turn solid, indicating successful binding.
6. Release the BIND button on the transmitter, then power off both the transmitter and receiver.
7. Remove the bind plug from the receiver.
8. Power on the transmitter first, then the receiver. The receiver's LED should illuminate solid, confirming a successful connection. Test all controls before operating your model.

## 3. OPERATING INSTRUCTIONS



### 3.1 Basic Controls

The DDF-350 transmitter features standard pistol-grip controls:

- **Steering Wheel:** Controls the steering (Channel 1). Turn left or right to steer your model.
- **Throttle Trigger:** Controls forward/reverse movement and braking (Channel 2). Pull the trigger for forward, push for reverse/brake.



**Figure 3.1:** Top view of the DDF-350 transmitter, highlighting the steering wheel and various auxiliary control buttons and dials.



**Figure 3.2:** Detailed view of the DDF-350 steering wheel, which provides precise control over Channel 1 (steering).

### 3.2 Display Navigation and Programming

The DDF-350 features a color display for accessing and adjusting various settings. Use the navigation buttons

and dials to move through the menu options.



**Figure 3.3:** The DDF-350's color display, showing real-time telemetry data such as battery voltage, RSSI, and channel status. The menu allows for extensive programming.

- **Power Button:** Located on the top left, press and hold to power on/off.
- **Navigation Dials/Buttons:** Use these to scroll through menu options and adjust values.
- **CH3/CH4 Buttons:** Dedicated buttons for auxiliary channels 3 and 4.
- **CH9/CH10 Buttons:** Dedicated buttons for auxiliary channels 9 and 10, often located on the grip for easy access.



**Figure 3.4:** Auxiliary channel buttons CH9 and CH10, conveniently placed on the grip for quick access to additional functions.

### 3.3 Advanced Programming Options

The DDF-350 offers numerous programming options to customize your model's behavior. Access these through the main menu on the color display.

- **Endpoint Adjustment (EPA/ATV):** Set the maximum travel for each servo.
- **Dual Rate (D/R):** Adjust the sensitivity of steering and throttle.
- **Exponential (EXP):** Fine-tune the response curve around the center of the stick/wheel.
- **Sub-Trim:** Make small adjustments to the servo's neutral position.
- **Channel Mixing:** Combine the control of two or more channels for complex functions (e.g., 4-wheel steering).
- **Model Memory:** Store settings for multiple models.
- **Telemetry:** Monitor real-time data such as receiver battery voltage and signal strength (RSSI).

Refer to the on-screen menu for detailed instructions on each programming function. The menu is available in several languages, including German, making programming intuitive.

## 4. MAINTENANCE

### 4.1 Cleaning

- Wipe the transmitter and receiver with a soft, dry cloth.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- Do not immerse the transmitter or receiver in water.

### 4.2 Storage

- Store the system in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove batteries from the transmitter if storing for extended periods to prevent leakage.
- Keep the system away from dust and moisture.

### 4.3 Battery Care

- Always use fresh, high-quality batteries for the transmitter.
- If using rechargeable batteries, follow the manufacturer's charging instructions.
- Ensure the receiver's power source (model battery or dedicated receiver battery) is adequately charged before each use.

## 5. TROUBLESHOOTING

If you encounter issues with your Amewi DDF-350 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Transmitter does not power on.	Dead or incorrectly installed batteries.	Replace batteries with fresh ones, ensuring correct polarity.



Problem	Possible Cause	Solution
Receiver LED not solid after powering on.	Not bound, out of range, or power issue.	Perform the binding procedure again. Ensure transmitter is on and within range. Check receiver power connection.
No control response from model.	Receiver not bound, incorrect servo connections, or dead receiver battery.	Verify binding. Check all servo and ESC connections to the correct receiver channels. Ensure receiver has adequate power.
Erratic or intermittent control.	Interference, low battery, or loose connections.	Check for sources of interference. Replace transmitter batteries. Ensure all connections are secure.
Display is blank or unreadable.	Low transmitter battery or display fault.	Replace transmitter batteries. If issue persists, contact support.

## 6. SPECIFICATIONS

Feature	Detail
Model Number	28380
Channels	10
Frequency	2.4 GHz
Transmitter Dimensions	5.91 x 3.35 x 7.87 inches (15 x 8.5 x 20 cm)
Item Weight	10.1 ounces (286 grams)
Receiver Voltage Range	4.8 - 10 VDC
Manufacturer	Amewi
Release Date	May 7, 2025

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information




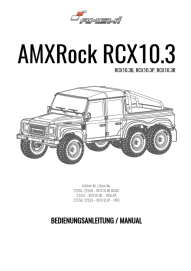


Amewi products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Amewi website. Keep your proof of purchase for warranty claims.

### 7.2 Customer Support

If you require technical assistance, have questions about product operation, or need to report a defect, please contact Amewi customer support. Contact information can typically be found on the Amewi website or on the product packaging.

For further information and updates, please visit the official Amewi website:[www.amewi.com](http://www.amewi.com)

## Related Documents - DDF-350

	<p><a href="#">DUMBORC DDF-350 10-Channel Remote Control System with Receiver - Operation Manual</a></p> <p>Comprehensive operation manual for the DUMBORC DDF-350 10-Channel remote control system and receiver, covering features, setup, safety, and specifications. Includes detailed instructions for use and maintenance.</p>
	<p><a href="#">AMEWI ATXB6 6-Channel Remote Control Operation Manual</a></p> <p>This manual provides operating instructions for the AMEWI ATXB6 6-Channel Remote Control, covering setup, usage, safety precautions, and technical specifications. It details features like transmitter and receiver binding, failsafe activation, lock function, reverse function, and hybrid control modes.</p>
	<p><a href="#">AMEWI G101H Remote Control Function Settings Guide</a></p> <p>A comprehensive guide for setting up the functions and channels of the AMEWI G101H remote control, covering Aux Channels, Mix settings, Rate/Exp, and Reverse functions.</p>
	<p><a href="#">AMEWI AMXRock RCX10.3 Bedienungsanleitung und Technische Daten</a></p> <p>Umfassende Bedienungsanleitung und technische Daten für den AMEWI AMXRock RCX10.3, einen robusten 6x6 RC-Crawler. Enthält Informationen zu Einrichtung, Betrieb, Sicherheit, Ersatzteilen und Spezifikationen.</p>
	<p><a href="#">AMEWI Super Dimona RC Airplane Manual - Assembly, Flying, and Troubleshooting</a></p> <p>Comprehensive instruction manual for the AMEWI Super Dimona RC airplane, covering assembly, pre-flight checks, flying tips, troubleshooting, and specifications. Includes safety guidelines and disposal information.</p>
	<p><a href="#">AMEWI T6REMOTE 6CH RC Remote Controller Instruction Manual</a></p> <p>Comprehensive instruction manual for the AMEWI T6REMOTE 6CH RC Remote Controller, covering technical specifications, operation, settings, safety guidelines, and disposal information.</p>

