

Futaba T12K 3D Film Carbon Look Black - Instruction Manual

Model: T12K

1. INTRODUCTION

This manual provides detailed instructions for the proper application and care of the Futaba T12K 3D Film Carbon Look Black. This decorative film is designed to customize the appearance of your Futaba T12K remote control, giving it a sleek carbon fiber aesthetic. Please read all instructions carefully before beginning the application process to ensure optimal results.

2. PRODUCT OVERVIEW

The Futaba T12K 3D Film Carbon Look Black consists of pre-cut adhesive film pieces specifically shaped to fit various surfaces of the Futaba T12K remote control. These pieces are designed for precise alignment with the contours, buttons, and screens of the device.

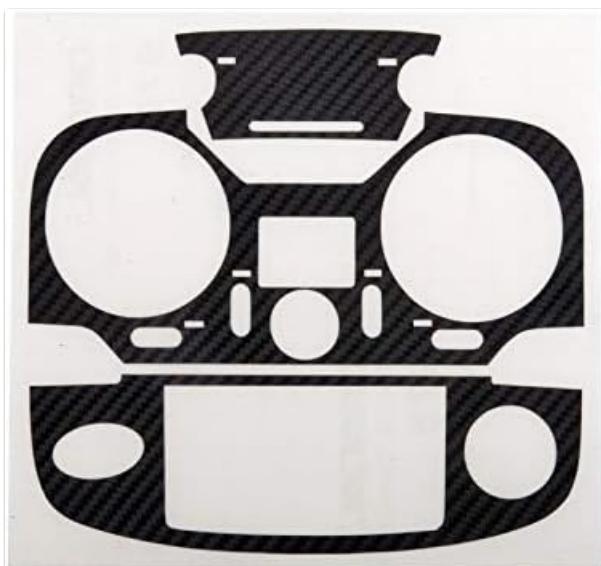


Image 2.1: Overview of the pre-cut carbon look film pieces for the Futaba T12K remote control.

3. SETUP AND APPLICATION

Proper preparation and careful application are key to achieving a smooth, bubble-free finish. Follow these steps for best results:

3.1. Preparation of the Remote Control

- Ensure the surface of your Futaba T12K remote control is clean, dry, and free of dust, grease, or fingerprints. Use a mild cleaner and a lint-free cloth if necessary.
- Allow the surface to dry completely before proceeding.

3.2. Applying the Film (with Transfer Film)

Some film pieces may come with a clear transfer film on top to aid in application. This method helps maintain the integrity of smaller or more intricate designs during placement.

- 1. Peel Backing:** Carefully peel a small section of the paper backing from one edge of the film piece. Avoid touching the adhesive side.
- 2. Align:** Precisely align the exposed adhesive edge of the film with the corresponding area on your Futaba T12K. Take your time to ensure perfect alignment, as repositioning can be difficult.
- 3. Smooth and Apply:** Slowly and gradually press the film onto the surface, working from the aligned edge outwards. Use a soft cloth or a squeegee (not included) to smooth out any air bubbles as you go. Continue peeling the backing paper as you apply.
- 4. Remove Transfer Film:** Once the entire film piece is applied and smoothed, carefully peel off the clear transfer film (if present) at a sharp angle. If any part of the carbon film lifts, gently press it back down before continuing to peel the transfer film.

3.3. Applying the Film (without Transfer Film)

For pieces without a transfer film, direct application is required.

1. **Peel Entire Backing:** Carefully peel the entire paper backing from the film piece.
2. **Position and Apply:** Hold the film piece by its edges, avoiding contact with the adhesive. Carefully position it over the target area on the remote control.
3. **Press and Smooth:** Once positioned, gently press the center of the film down, then work outwards to smooth it onto the surface, pushing out any air bubbles towards the edges.

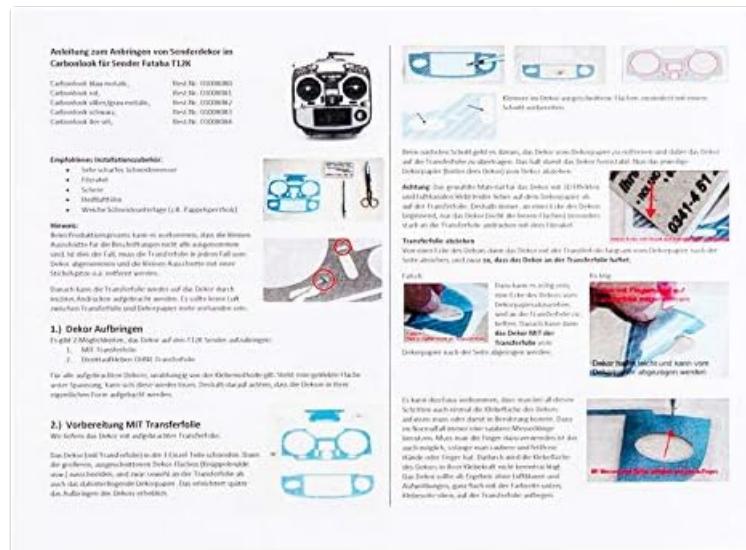


Image 3.1: Visual guide showing steps for preparing and applying the film, including details on using transfer film and smoothing techniques.

4. OPERATING (POST-APPLICATION)

Once the film is applied, allow it to set for a few hours (ideally 24 hours) before extensive handling. This allows the adhesive to fully bond with the surface of the remote control. The film is designed to be durable and should not interfere with the normal operation of your Futaba T12K.

5. MAINTENANCE

To keep your carbon look film looking new:

- Clean the film with a soft, damp cloth.
- Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the film's finish.
- Do not pick at the edges of the film, as this may cause it to peel.

6. TROUBLESHOOTING

6.1. Air Bubbles

If small air bubbles appear after application, you can often gently press them towards the nearest edge with your thumb or a soft cloth. For stubborn bubbles, a very fine needle can be used to prick a tiny hole in the center of the bubble, allowing the air to escape, then smooth it down.

6.2. Misalignment

If a piece is significantly misaligned immediately after initial placement, you may be able to carefully lift it and reposition it. However, repeated lifting can reduce the adhesive's effectiveness. Once firmly pressed, repositioning is not recommended.

6.3. Edges Lifting

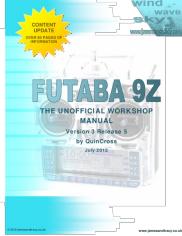
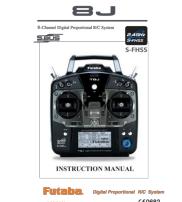
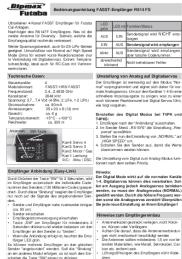
Ensure all edges are firmly pressed down during application. If an edge begins to lift over time, you can try gently pressing it back down. For persistent lifting, a small amount of adhesive suitable for plastics might be used, but this should be done with extreme caution to avoid damaging the remote control.

7. SPECIFICATIONS

- **Product Type:** Decorative Adhesive Film
- **Design:** 3D Carbon Look
- **Compatibility:** Specifically designed for Futaba T12K Remote Control
- **Color:** Black

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or additional product support, please refer to the original product packaging or contact the seller directly. This instruction manual covers application and care, but specific warranty terms are provided by the product vendor.

	<p>Futaba File System Utility User Guide</p> <p>Comprehensive user guide for the Futaba File System Utility software, detailing how to manage model data and telemetry logs for Futaba T12K, T14SG, FX-22, T12FG, T8FG, and FX-20 RC transmitters.</p>
	<p>Futaba 9Z Unofficial Workshop Manual: Servicing, Upgrades, and Repair Guide</p> <p>Comprehensive unofficial workshop manual for the Futaba 9Z series RC transmitters, covering servicing, repair, maintenance, and upgrade procedures. Includes detailed instructions and troubleshooting for models like 9ZAP, 9ZHP, 9ZAW, and WC2.</p>
	<p>Futaba TM-18 RF / R9001SB</p> <p>Futaba TM-18 RF R9001SB AdRCSS 920MHz</p>
	<p>Futaba 8J-2.4GHz 8-Channel Radio Control System Instruction Manual</p> <p>Comprehensive instruction manual for the Futaba 8J-2.4GHz 8-Channel Radio Control System. Covers setup, operation, programming, and safety for both ACRO (airplane) and HELI modes.</p>
	<p>Futaba R614 FS FASST Empfänger Bedienungsanleitung</p> <p>Bedienungsanleitung für den Futaba R614 FS FASST 4-Kanal RC-Empfänger. Enthält technische Daten, Einrichtungsanleitungen, Hinweise zur Anbindung und zum Einbau sowie Garantieinformationen.</p>
	<p>Futaba CGY760R FBL Gyro System mit Governor und GPB-1 Programmer - Technische Daten</p> <p>Technische Spezifikationen und Funktionen der Futaba CGY760R 3-Achsen Flybarless Heli Kreiseleinheit mit integriertem Empfänger und Governor. Enthält Details zur GPB-1 Programmierbox, technischen Daten und Spezifikationen für RC-Enthusiasten.</p>