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- > Futaba T6PV RC Transmitter and R404SBS-E Receiver Instruction Manual

Futaba T6PV

Futaba T6PV RC Transmitter and R404SBS-E Receiver Instruction Manual

MODEL: T6PV TRANSMITTER & R404SBS-E RECEIVER

Brand: Futaba

Introduction

This manual provides essential instructions for the proper setup, operation, maintenance, and troubleshooting of your Futaba T6PV RC Transmitter and R404SBS-E Receiver combo. The T6PV is a 6-channel radio control system designed for various RC applications, featuring advanced F-4G technology for fast response and high precision. It supports multiple communication modes, including F-4G, T-FHSS, S-FHSS, and MINI-Z systems.



Image 1: The Futaba T6PV RC Transmitter and the compact R404SBS-E Receiver. This image displays the primary components included in the combo, highlighting their design and relative sizes.

1. Setup

1.1 Unboxing and Component Check

Carefully unpack all components. Verify that the package contains the Futaba T6PV Transmitter, the R404SBS-E Receiver, and any other accessories as listed in your product documentation.

1.2 Transmitter Battery Installation

Open the battery compartment on the underside of the T6PV transmitter. Insert the recommended batteries (refer to your product's specific battery requirements) ensuring correct polarity. Close the compartment securely.

1.3 Receiver Installation (R404SBS-E)

Install the R404SBS-E receiver in your RC model. Ensure it is mounted securely, away from sources of vibration, heat, and electrical interference. Connect the servos and other components to the appropriate channels on the receiver. The R404SBS-E is designed for F-4G compatibility.



Image 2: A close-up view of the Futaba R404SBS-E Receiver, showing its compact design and connection ports for servos and other components. This receiver is compatible with the F-4G system.

1.4 Binding the Transmitter and Receiver

- 1. Ensure both the transmitter and receiver are powered off.
- 2. Power on the receiver while holding the binding button (if applicable, refer to receiver manual for exact procedure). The LED on the receiver will indicate binding mode.
- 3. Power on the T6PV transmitter. Navigate to the system menu and select the binding function.
- 4. Confirm the binding process on the transmitter. The receiver's LED will change to a solid light, indicating successful binding.
- 5. Power cycle both the transmitter and receiver to confirm the connection.

2. Operating Instructions

2.1 Transmitter Controls Overview

The T6PV features a steering wheel, throttle trigger, and various buttons for control. The high-resolution color LCD and jog button are central to navigating the system menus and making adjustments.



Image 3: Side view of the Futaba T6PV Transmitter, showcasing the ergonomic grip, steering wheel, and the swivel antenna.

This angle highlights the physical layout of the primary controls.

2.2 Display Navigation and System Menu

The T6PV's color LCD provides a clear interface for accessing all functions. Use the jog button to scroll through menu options and press to select. The main system menu allows access to display settings, information, buzzer, battery status, total time, LED settings, and calibration.



Image 4: The Futaba T6PV Transmitter's color LCD displaying the 'System menu'. Options visible include Display, Information, Buzzer, Battery, Total time, LED setting, and Calibration, demonstrating the user interface.

2.3 Selecting Communication Systems

The T6PV supports multiple communication protocols. Navigate to the 'Receiver System' menu to select between F-4G, T-FHSS, S-FHSS, MINI-Z EVO, MINI-Z EVO2, and MINI-Z FHSS modes. Ensure the selected mode matches your receiver's capabilities.



Image 5: The Futaba T6PV Transmitter's display showing the 'Receiver System' selection screen. Various compatible systems like F-4G, T-FHSS, S-FHSS, MINI-Z EVO, MINI-Z EVO2, and MINI-Z FHSS are presented as selectable options.

2.4 Advanced Adjustments

- Response/Feeling System: This feature allows you to fine-tune the control sensitivity to match your driving style and conditions. Adjustments can be made to soften or intensify the control response.
- Servo Calibration: In high-precision operation modes, servos can be calibrated for optimal performance.
- Crawler Settings: The T6PV includes dedicated settings for crawler models, allowing for specialized control configurations.
- **Model Memory:** The transmitter supports multiple model memories, allowing you to save and recall settings for different RC vehicles.



Image 6: The Futaba T6PV Transmitter's display showing a 'Racing menu' with 'Drag Racing' selected. This illustrates the specialized menus available for different RC disciplines and advanced tuning options.

3. Maintenance

3.1 Cleaning

Regularly clean the transmitter and receiver with a soft, dry cloth. Avoid using harsh chemicals or solvents, which can damage the plastic and electronic components. Keep the display screen free of dust and smudges for optimal visibility.

3.2 Storage

Store the T6PV transmitter and R404SBS-E receiver in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity. Remove batteries from the transmitter if storing for extended periods to prevent leakage.

3.3 Battery Care

Always use the recommended battery types and follow manufacturer guidelines for charging and discharging. Avoid overcharging or completely draining batteries, as this can reduce their lifespan. Dispose of old batteries responsibly.

3.4 Firmware Updates

Periodically check the official Futaba website for any available firmware updates for your T6PV transmitter. Firmware updates can provide new features, performance enhancements, or bug fixes. Follow the instructions provided by Futaba for safe updating procedures.

4. Troubleshooting

- **Transmitter:** Check battery installation and ensure batteries are charged.
- **Receiver:** Verify power connection from the model's power source (e.g., ESC or separate battery) and ensure it is providing sufficient voltage.

4.2 No Signal or Erratic Control

- **Binding:** Re-perform the binding procedure between the transmitter and receiver.
- Antenna: Ensure the transmitter and receiver antennas are properly positioned and not damaged.
- Interference: Operate in an area free from strong radio interference.
- Range: Check if you are operating within the effective range of the system.

4.3 Servos Not Responding

- Connections: Verify all servo connections to the receiver are secure and correctly plugged into the designated channels.
- Power: Ensure the receiver and servos are receiving adequate power.
- Servo Functionality: Test servos individually if possible to rule out a faulty servo.

5. Specifications

Model	Futaba T6PV Transmitter, Futaba R404SBS-E Receiver
Channels	6 Channels (T6PV)
Communication Systems	F-4G, T-FHSS, S-FHSS, MINI-Z (EVO, EVO2, FHSS)
Display	High-resolution Color LCD
Special Features	Micro SD card slot, Crawler settings, Response/Feeling adjustment system
Manufacturer Reference	P-CB6PV-E

6. Warranty and Support

Futaba products are manufactured to high standards and are backed by a limited warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Futaba website. For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Futaba customer service directly.

Official Futaba Website: www.futabarc.com (Please verify the current official website for your region)

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Futaba T6PV Digital Proportional R/C System Manual

Comprehensive user manual for the Futaba T6PV Digital Proportional R/C System, covering setup, operation, features, and safety guidelines for radio-controlled vehicles.



Futaba T10PX 2.4GHz Radio Control System User Manual

Comprehensive user manual for the Futaba T10PX 2.4GHz radio control system, detailing installation, setup, and operation of various features including steering wheel offset adapters, paddle switches, and receiver linking.



Futaba T10PX Digital Proportional R/C System - Full Manual

Explore the capabilities of the Futaba T10PX Digital Proportional R/C System with this comprehensive full manual. Learn about its advanced features, setup procedures, operational guidelines, safety precautions, and extensive customization options for radio-controlled models.



Futaba T10PX R/C

Futaba T10PX R/C



Futaba 3PV-2.4G T-FHSS RC System User Manual

Comprehensive user manual for the Futaba 3PV-2.4G T-FHSS 3-channel RC system for cars, covering safety, installation, setup, functions, and specifications.



Futaba T10PX Digital Proportional R/C System Manual

Comprehensive user manual for the Futaba T10PX Digital Proportional R/C System, covering setup, operation, safety precautions, and features.

Documents - Futaba - T6PV



[pdf] User Manual Frequently Asked Questions

Untitled User Manual Futaba Corporation T6PV 24G Radio Control AZPT6PV AZPT6PV24G t6pv 24g SHORT MANUAL This manual is a simplified version. Detailed of each function are not described. Refer ... including interference that may cause undesired operation. 3 RF Radiation Exposure Statement For **T6PV** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled envir...

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[pdf] Product Photos Teardown

FUTABA Corporation Radio Control EUT Internal Photo Rev01 250208 Futaba T6PV 24G AZPT6PV AZPT6PV24G t6pv 24g

FUTABA Corporation EUT Internal Photos Radio Control Model: **T6PV** Figure 9 Internal View with LiPo Battery Type Charge Type C Port of Battery LT2F2000B Figure 10 Internal View -Communication port microSD port FUTABA Corporation Radio Control Model: **T6PV** Figure 11 Internal View Remov...

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[pdf] User Manual Frequently Asked Questions

SHORT MANUAL 12 hours ago — This device complies with part 15 of the FCC Rules Operation is subject to following three conditions 1 may not cause harmful T6PV Short Manual ENG minicars se internt artiklar FP05003230 3 ||| ||| SHORT MANUAL This manual is a simplified version. Detailed of each function are not described. Refer to your countries distributor website for the full manual and update contents download. https://www.rc.futaba.co.jp 1M

SHORT MANUAL This manual is a simplified version. Detailed of each function are not described. Refer ... including interference that may cause undesired operation. 3 RF Radiation Exposure Statement For **T6PV** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled envir...

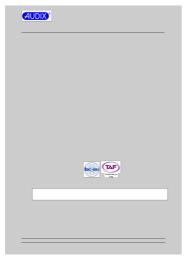
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[pdf] Product Photos

FUTABA Corporation Radio Control EUT External Photo Futaba T6PV 24G AZPT6PV AZPT6PV24G t6pv 24g

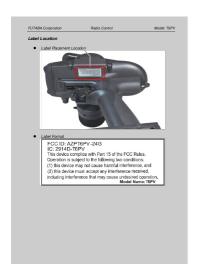
FUTABA Corporation EUT External Photos Radio Control Model: **T6PV** Figure 1 General Appearance Figure 2 General Appearance FUTABA Corporation Radio Control Model: **T6PV** Figure 3 General Appearance Figure 4 General Appearance FUTABA Corporation Radio Control Model: **T6PV** Figure 5 General Appe... lang:en score:37 filesize: 415.92 K page_count: 4 document date: 2025-02-06



[pdf] Test Report

FUTABA Corporation Radio Control F250013 Futaba Test Report Part 1 T6PV 24G AZPT6PV AZPT6PV24G t6pv 24g

Audix Technology Corp. No. 491, Zhongfu Rd., Linkou Dist., New Taipei City244, Taiwan Page 1 of 29 T ... Chosei-gun, Chiba-ken, 299-4395 Japan. Product Name Model Name Brand FCC ID IC: Radio Control: **T6PV**: Futaba: AZP**T6PV**-24G: 2914D-**T6PV** The test report is based on a single evaluation of one sam... lang:en score:34 filesize: 1.22 M page_count: 31 document date: 2025-02-06



[pdf] Label

FUTABA Corporation Radio Control Label Format and Location Rev01 250218 Futaba T6PV 24G AZPT6PV AZPT6PV24G t6pv 24g

FUTABA Corporation Radio Control Label Location Label Placement Location Model: **T6PV** Label Format ...

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[pdf] User Manual

KORT INSTRUKTIONSMANUAL Rynos * Kompatibelt gyro GYD550 från och med november 2024 Gasreglagets hastighet Snabba gaspådrag på halt väglag leder bara till att däcken börjar spinna och T6PV Kort Manual SE 250319 rynos se internt artiklar FP05003229 3 |||

KORT INSTRUKTIONSMANUAL Denna manual r en frenklad version. Detaljerade uppgifter om varje funktion ... a skerhetstgrder 6 Funktioner 7 Frpackningens Innehll 8 Specifikationer 8 Nomenklatur fr sndare T6PV 9 Strmbrytare Displayknapp 10 Skrmen vid uppstart 10 Stng av larm Autoavstngning 11 Anv...

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Futaba T6PV T10PX Black Edition T26SZ 1 day ago — Use it also for pivot ball assembly removal 4 5 2 5mm pin MD50500 M Made by SkyRC this is a bluetooth performance drag speed accelera tion N2025 A5 print minicars se dokument bibliotek File |||

Futaba T26SZ The new T26SZ is positioned in between the highly desirable highend T32MZ-WC that is lo ... list. #FP05003225-3 - Including R7208SB receiver #FP05003226-3 - Including R7214SB receiver Futaba T6PV The all new T6PV radio is placed between the T4PM-Plus and the top of the line T10PX radio. Com... lang:en score:29 filesize: 11.34 M page_count: 16 document date: 2025-01-20



[pdf]

FUTABA T6PV Car Pistolen Sender F 4G T FHSS S incl R404SBS FP05003230 3 This is a mid high class transmitter that adds the elements of T10PX to operability T4PM Plus The full color display allows intuitive operation Bay Tec Modelltechnik bay tec de shop20 print product info products id 20243 ||| FUTABA T6PV Car Pistolen Sender F-4G/T-FHSS/S-FHSS incl. R404SBS Art.Nr.: FP05003230-3 Futaba T6PV - 6-channel Radio - with R404SBS receiver High-middle radio with fastest response function This is a mid-high class transmitter that adds the elements of the T10PX to the operability of the T4PM Plus. ...

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FUTABA T6PV Car Pistolen Sender F-4G/T-FHSS/S-FHSS incl. R404SBS-E

Art.Nr.: FP05003229-3

Futaba T6PV - 6-channel Radio - with R404SBS-E received

ligh-middle radio with fastest response function

- Ins is a mon-righ cass transmitter that adus the elements of the LIDPK to the operability of the T4PM Plus. The full-color display allows intuitive operation. In addition, by supporting the fastest system "F-4G", it is easier to feel the "response/feeling function" that gives stability to operation.
- "WINI-Z" modes.
- F-4G system and UR mode provide high-speed response approaching that of the TIOPX radio ("Note 1).
- * Equipped with 6 system modes: F-4G, T-FHSS, S-FHSS, MINI-Z EVO, MI Z EVOZ & MINI-Z FHSS
- Although T-FHSS SR mode is not supported, the servo's "SR mode" can sti be used in the serva settings of the F-4G system.
- be used in the servo settings of the F-4G system
- Also equipped with settings for crawlers
- Response/Feeling adjustment function: By adding a mild flavor while taking advantage of the high-speed response, it becomes easier to dr
- * Supports up to 6 channels (*Note 2)
- Supports up to e channels (*Note 2)
 Lightest in its class & high balance de
- The micro SD card is used to save model data, telemetry data, dis photos of your car on the transmitter, and when updating the soft
- photos of your car on the transmitter, and when updating the softwar (Nicro SD card sold separately, Supports SD/SDHC, not SDXC)
- New wheel unit/APA/APA angler/trigger (*Note 3)
- that is easy to use from the optional grip rubber (S or L).
- Wheel position can be adjusted with the steering APA (Included: Steering APA (24.0) & Angle spacer (5)

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FUTABA T6PV Car Pistolen Sender F 4G T FHSS S incl R404SBS E FP05003229 3 High middle radio with fastest response function This is a mid high class transmitter that adds the elements of T10PX toBay Tec Modelltechnik 3bay tec de bay shop20 print product info products id 20244 |||

FUTABA **T6PV** Car Pistolen Sender F-4G/T-FHSS/S-FHSS incl. R404SBS-E Art.Nr.: FP05003229-3 Futaba **T6PV** - 6-channel Radio - with R404SBS-E receiver High-middle radio with fastest response function This is a mid-high class transmitter that adds the elements of the T10PX to the operability of the T4PM Pl...

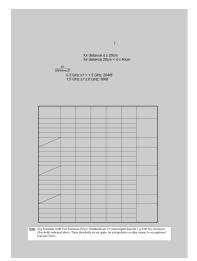
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[pdf] SAR Rating

Radio Control AZP T16IZS 24G ACB FCC SAR Test Exclusion Evaluation 32mm 10g Rev01 250218 Futaba Corporation T6PV AZPT6PV AZPT6PV24G t6pv 24g

SAR Test Exclusion Evaluation FCC ID: AZP**T6PV**-24G Product Name: Radio Control Model No: **T6PV** The standalone SAR test exclusion shall be refer to FCC 1.1307 b 3 i B SAR-Based exemption which device determined the distance from antenna to user/bystander. The formula is Pth mW = ERP20cm d ...

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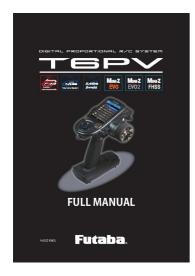


[pdf] SAR Rating

Radio Control AZP T16IZS 24G ACB FCC SAR Test Exclusion Evaluation 14cm 1g Rev01 250218 Futaba Corporation T6PV AZPT6PV AZPT6PV24G t6pv 24g

SAR Test Exclusion Evaluation FCC ID: AZP**T6PV**-24G Product Name: Radio Control Model No: **T6PV** The standalone SAR test exclusion shall be refer to FCC 1.1307 b 3 i B SAR-Based exemption which device determined the distance from antenna to user/bystander. The formula is Pth mW = ERP20cm d ...

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[pdf] User Manual Instructions

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[pdf] Confidentiality Request Letter

Cover Letter Request for Confidentiality Futaba Corporation T6PV 24G Radio Control AZPT6PV AZPT6PV24G t6pv 24g

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[pdf] Test Report Product Photos

sabrina wang Test Setup Photo Futaba Corporation T6PV 24G Radio Control AZPT6PV AZPT6PV24G t6pv 24g

AUDIX Technology Corp. No. 491, Zhongfu Rd., Linkou Dist., New Taipei City244, Taiwan B.1 Conducted Emission Measurement Charge Mode APPENDIX B-Page 1 of 7 Tel: 886 2 26099301 Fax: 886 2 26099303 File Number: C1M2411092 Report Number: EM-F250013 This test report may be reproduced in full only....

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ACB FCC Letter Authority to Act as Agent Futaba Corporation T6PV 24G Radio Control AZPT6PV AZPT6PV24G t6pv 24g

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[pdf] Datasheet Test Report

Test Report Antenna Datasheet Rev01 250218 Futaba Corporation T6PV 24G Radio Control AZPT6PV AZPT6PV24G t6pv 24g

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ACB FCC Letter Certification Application Attestation Statements Futaba Corporation T6PV 24G Radio Control AZPT6PV AZPT6PV24G t6pv 24g

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[pdf] Decleration of Conformity

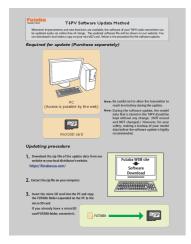
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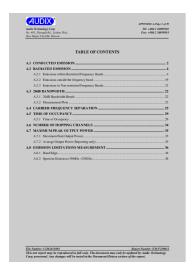
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Futaba T6PV Software Update Method and Version Check Guide

Comprehensive guide to updating the Futaba T6PV radio transmitter software, checking versions of T6PV and compatible receivers/gyros, and details on new features like tilt mixing and GPS compatibility.

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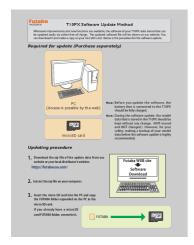


[pdf] Test Report

With INPAQ Antenna DC 6 0V Via AAA Batteryx4 Kuper Hsu AC 120V 60Hz Test Report Part 2 Futaba Corporation T6PV 24G Radio Control AZPT6PV AZPT6PV24G t6pv 24g

Audix Technology Corp. No. 491, Zhongfu Rd., Linkou Dist., New Taipei City244, Taiwan APPENDIX A-Page 1 of 39 Tel: 886 2 26099301 Fax: 886 2 26099303 TABLE OF CONTENTS A.1 CONDUCTED EMISSION

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UIFTPGUXBSF ... YC480 car gyros can now be made using the transmitter.

*Wireless settings are only supported on the **T6PV** Ver.2.0- and T10PX Ver.14.0- F-4G systems R404SBS seriesVer.3.0- . : BOE : TFUUJOH 1 Set th...

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