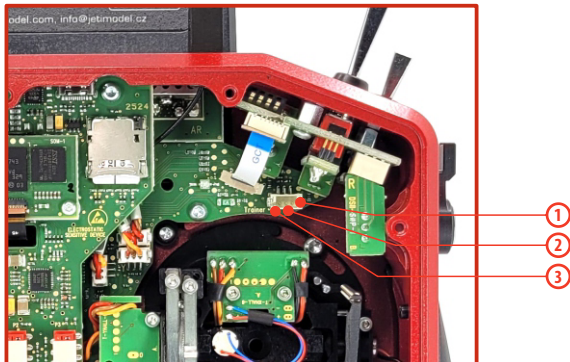


6.5 PPM Input/Output connector

The transmitter has an available internal three-pin connector for PPM input/output.

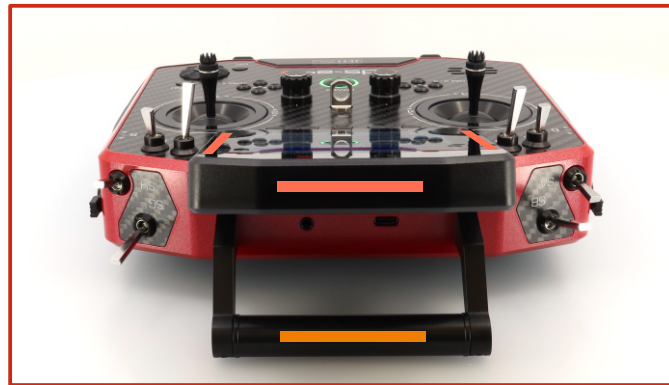


1. PPM output (3V logic)
2. Negative (-) pin
3. PPM input (3V logic)

Setting options for PPM output (configurable in „**System** - >**Configuration**“):

- PPM8 neg./pos.
- PPM16 pos.
- Telemetry EX

6.6 Shielding antennas

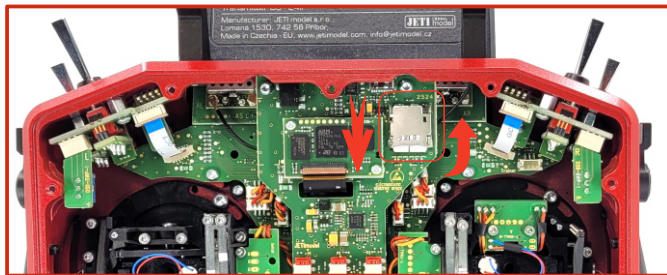


Warning: If you are operating a model with a transmitter do not shield and avoid contact of the transmitter antenna with your body. This might increase likelihood of range problem.

6.7 Change SD Card

Disconnect the battery plug.

To open the SD card holder, use a fingernail to push the metal frame to the down and then lift it carefully. The micro SD card can now be removed. For installation, proceed in the reverse order.



6.8 Changing the Orientation of the Side Potentiometers

On the DS24II transmitter, it is possible to set the orientation of the lever for the side potentiometers.



1. Place the side lever in the center position and loosen the locking screw using the allen key 1,3.
2. Gently remove the side lever. On the inside, four mechanical stops are clearly visible.



3. Ensure that the potentiometer is in the center position (*the center groove of the potentiometer is horizontal with the top/bottom edge of the transmitter*). Attach the side lever in the desired direction (*up/down/forward*). Always mount the lever on the potentiometer in the center of the range of motion, so that the center of the potentiometer aligns with the lever.



4. Tighten the locking screw using the allen key 1.3.
5. Perform the calibration of the potentiometer in the transmitter (*"menu/system/input display/Calib"* (press the "F1" button)).



NEW!!!

7 Safety Handling Rules

7.1 Transmitter Battery Pack

1. Charge the battery only in the transmitter and with the supplied power adapter. The adapters supplied with the transmitter may vary depending on the countries in which they are distributed. If you replace the transmitter battery, always use the original one supplied by the manufacturer.
2. Always verify the correct polarity while connecting a transmitter battery pack. The red lead is positive "+" and the black lead is negative "-" polarity.
3. Never test a battery pack by shorting the wire leads. Do not allow the battery to overheat at any time.
4. Never leave your transmitter unattended at any time while it is being charged.
5. Never charge an overheated battery pack, or in an environment warmer than 140°F (60°C).
6. During cold months always check the battery's capacity, do not rely on your radio's low battery warning system.
7. Always check your transmitter and receiver batteries prior each flight. Do not rely on your radio's low battery warning system.
8. Do not allow radio battery pack to come in contact with open flame, other heat source or moisture at any time.

7.2 General Safety Rules

1. Any repair, installation, or upgrade must be performed with caution and common sense. These will require some basic mechanical skills.
2. For any of the upgrades which require removing the radio back cover you **MUST** disconnect the transmitter battery pack before attempting any work.
3. It is imperative to store your radio in a controlled environment. Any extreme temperatures can cause damage to the sensitive electronics. A sudden change in temperature or humidity can create condensation which can permanently damage your radio.
4. Do not use radio during poor weather conditions. Any water or condensation can cause corrosion and could permanently disable your radio. If you suspect that moisture has entered your transmitter, turn it OFF, remove the back cover and let dry it out.
5. Avoid use in dusty environments.
6. The manufacturer is not responsible for any unauthorized modifications. Changes or modifications not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.
7. This is a sophisticated hobby product and not a toy. It must be operated with caution and common sense, always avoid any mechanical damage.
8. Always avoid operating close to devices that might cause harmful electromagnetic interferences.



9. Keep all moving parts clean and free of dust or fine debris that might damage the mechanical parts of the radio.
10. Do not point the transmitter antenna directly towards your model or a human body. The radiation pattern from the antenna will be shielded and provide poor connection to your model.
11. Never repair, re-install, or exchange the internal memory SD card for other type.
12. Avoid extreme temperatures as they can cause damage to the sensitive internal SD card.
13. Always perform a ground range check prior to your initial flight.

7.3 Pre-Flight Checks

1. Always verify the correct position of the switches, and the gimbals, prior turning ON your transmitter. Turn on the transmitter first, then receiver. JETI transmitters use **"Model Checking"**. This safety is designed so that the model memory stores the unique serial number of the receiver that has already been assigned to model. When the transmitter establishes communication with the receiver and the serial number does not match the number stored in the current model's setup, the transmitter displays a warning. You will then be able to accept the change or reject the change. If you accept the change, the transmitter stores the new receiver number into the model's setup and begins transmitting. If you reject the change, the transmitter will not communicate with the receiver and you will be allowed to select another model.

2. Perform a ground range check before each day's flying session.
3. Check the battery voltage on both the transmitter and the receiver battery packs.
4. Check all channel assignments, trim, mixes, and the correct direction of movement for your flight surfaces.
5. Set motor/engine kill switch and test the power train.

7.4 Application

This product may be used for model airplane or surface (boat, car, robot) use only. It is not intended for use in any other application than control of the models for hobby, sport and recreational purposes.

7.5 FCC information

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful

interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1.** This device may not cause harmful interference, and
- 2.** This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. "This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment is in direct contact with the body of the user under normal operating conditions. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter."

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain

approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotroperayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This device complies with the Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ENGLISH**Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)**

This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.



Declaration of Conformity

in accordance with the regulations of EU Directive
RED 2014/53/EU, RoHS 2011/65/EU and (EU) 2015/863.
This declaration of conformity is issued under the sole responsibility of the manufacturer.

Producer:

JETI model s.r.o.
Lomená 1530, 742 58 Příbor, Česká republika
IČ 26825147

declares, that the product

Type designation:
Model number:

transmitter DUPLEX EX
DS-24 II

Frequency band 1:
Max power band1:

2400,0 – 2483,5 MHz
100 mW e.i.r.p

Frequency band 2:
Max power band 2:

863,0 – 870,0 MHz
25 mW e.r.p.

**The stated product complies with essential requirements of
RED Directive 2014/53/EU, RoHS Directive 2011/65/EU and (EU) 2015/863.**

Harmonised standards applies:

Measures for the efficient use of the radio frequency spectrum [3.2]

EN 300 328 V 2.2.2
EN 300 220-2 V 3.1.1

Protection requirements concerning electromagnetic compatibility [3.1(b)]

EN 301 489-1 V 2.1.1
EN 301 489-3 V 2.1.1
EN 301 489-17 V 3.1.1

Electrical Safety and Health [3.1(a)]

EN 62368-1:2020
EN 62311:2020

RoHS

EN IEC 63000:2018

Příbor, 3.9.2024


Ing. Stanislav Jelen,
Managing Director





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Czechia
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