

Futaba FX-18



DUPLEX TU fits this transmitter well. It is recommended to use plastic part from assembly kit FC18 to mount the antenna or to drill small hole to the proper place. Transmitter must be switched off during manipulation. Put the transmitter on a soft pad to avoid damage.



Switch off the transmitter!



Turn upside down



Unlock plastic locks



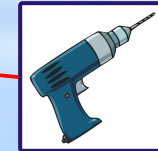
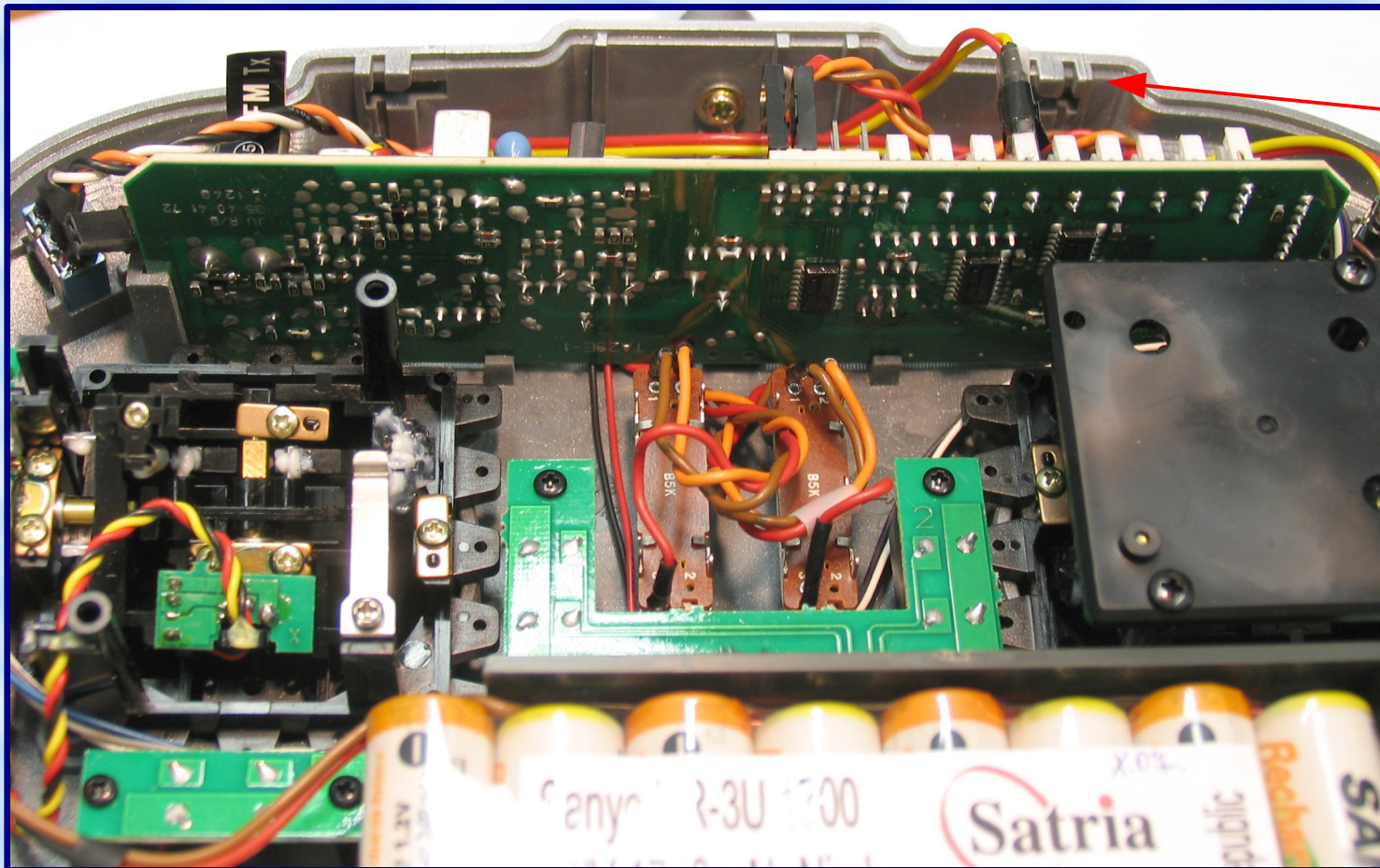
Open rear casing

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Drill 6 mm hole to the proper place for mounting the antenna. Be careful not to damage transmitter inside. If you need to mount 2.4GHz antenna to the original place of FM antenna, it is possible to use plastic part from FC16 assembly kit. In this case drill hole with diameter of FM antenna to the centre.

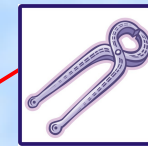
Drill 6mm hole



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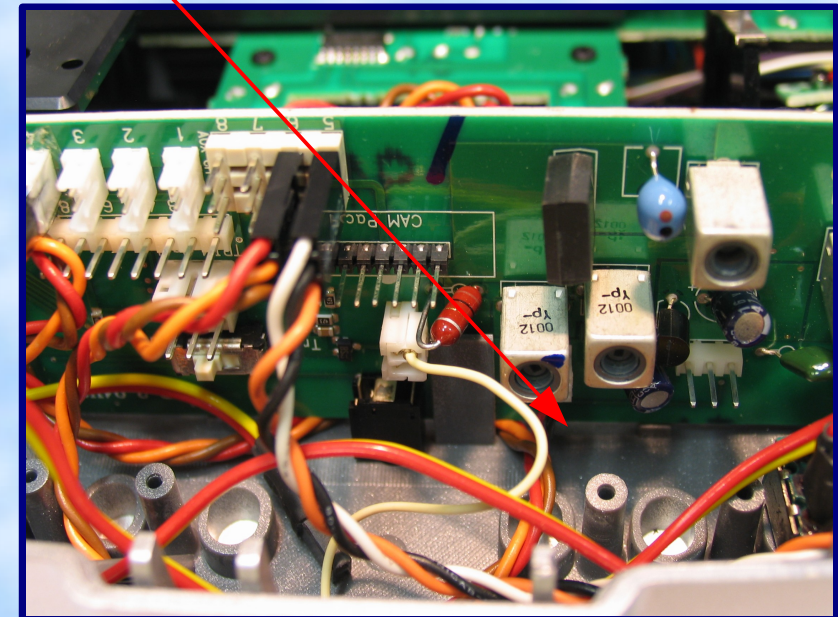
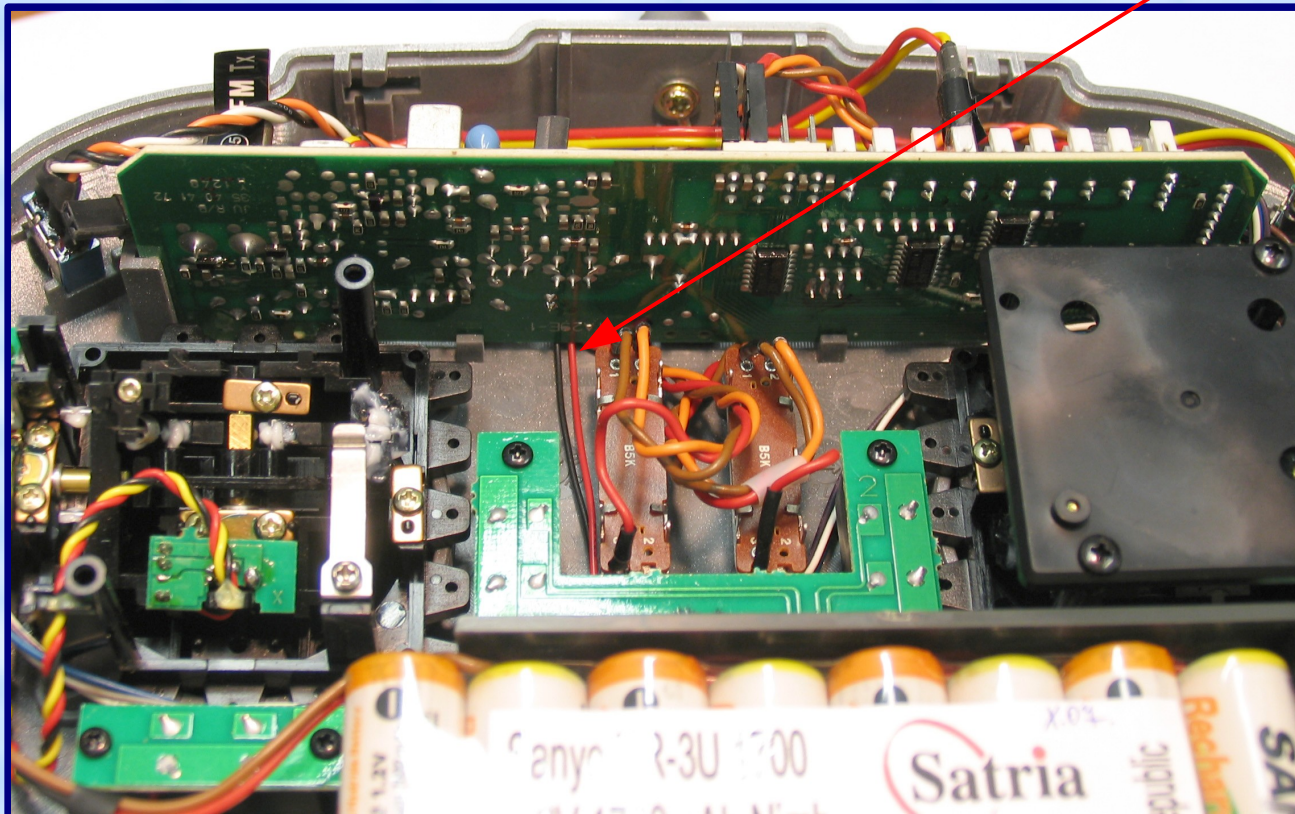
Unscrew two screws as on image, later you will mount TU module to their place. This transmitter has encoder and transmitting FM module on the common board. Two electric conductors (black and red, shown on a picture) subserve as power supply. electric conductors are soldered to the board, thus cut the electric conductors so that unused electric conductors that ends out of FM module can be secured from the shor-circuit for example with spaghetti insulation.



Cut electric conductors about 1 cm from FM board



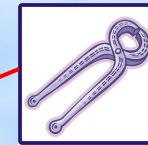
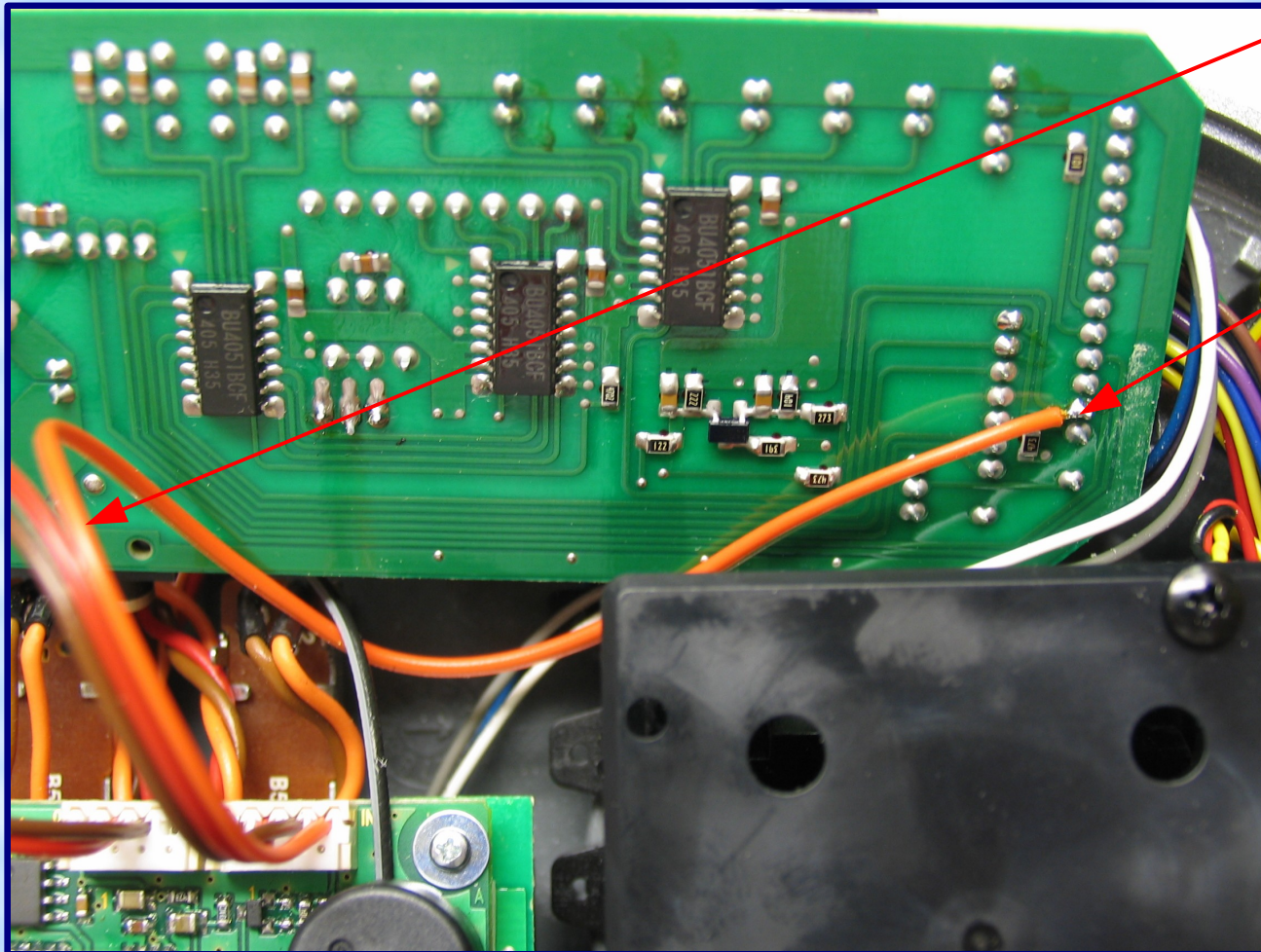
Isolate electric conductors that go to FM module.



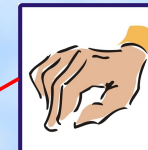
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Package contains four-core cable ended on the both sides with white connectors. Cut it in half and solder (by the table below) to the power supply cable that goes from transmitter. Solder signal from encoder (pin 4) to the board of encoder in transmitter as shown on a picture. Isolate connections of electric conductors properly.



Cut connecting cable



Solder connecting cable to cable that goes from transmitter to the original FM



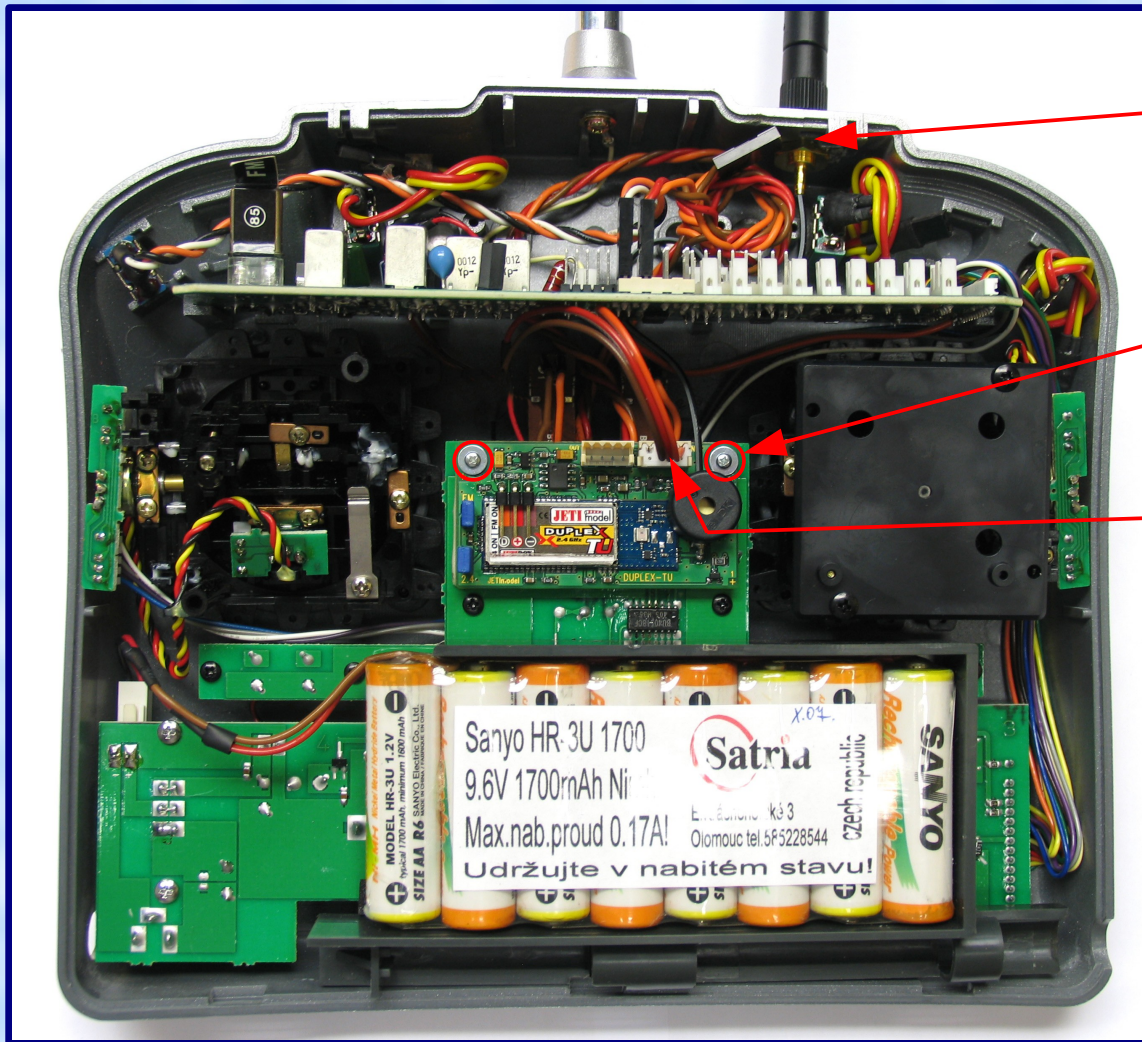
Isolate electric conductors connections

RED	Pin #2
BLACK	Pin #3
YELLOW	Pin #4

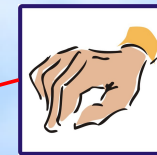
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• Use screws, washers and distance bars from assembly kit FX18 for mounting TU module to the transmitter. Connect powered up cable to the input connector (IN). Put antenna connector through under the board of transmitter. Be careful of antenna cable in order not to block mechanical parts of transmitter or not to get broken because of excessive bend. Screw antenna connector to the drilled hole.



Screw antenna connector



Mount TU module



Connect cable to the TU module

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• In case the transmitter, lock the plastic locks. Screw enclosed antenna. Installation is completed. Before using it is necessary to pair off new receiver and transmitter, see receiver manual.



In case the transmitter



Screw the antenna