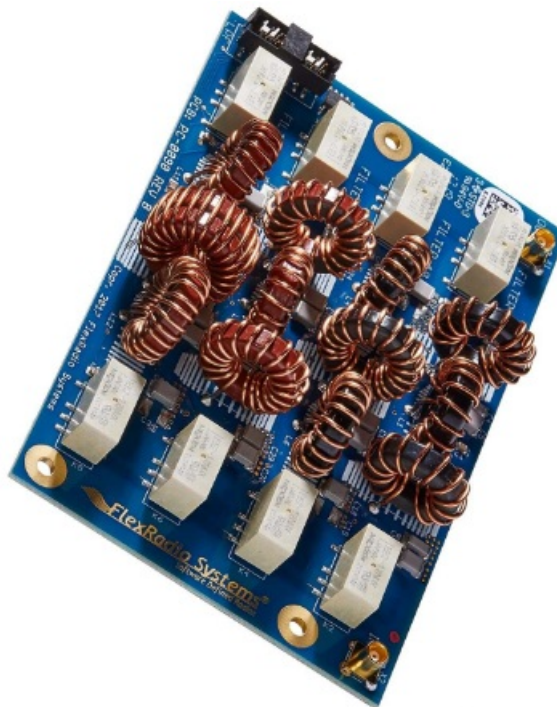


FlexRadio FLEX-6400M Extended Transmit Module Instruction Manual

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FlexRadio FLEX-6400M Extended Transmit Module Instruction Manual



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What's in the Box

Thank you for purchasing the EXT TX Kit for your FLEX-6400(M) radio w/ATU. You will need the following tools to complete the installation.

- One (1) EXT TX Kit (See illustration below)
 - (1) EXT TX Board on the mounting platform
 - (1) Ribbon Cable
 - (1) Short Coax Cable with 1 right angle & 1 straight connector
 - (1) Long Coax Cable with 2 right-angle connectors
 - (3) Standoffs
 - (4) Screws
- 3/16 Hex Nut Driver
- Phillips screwdriver
- T8 Torx Key (provided) for removal of radio cover



Prerequisites for Installing the EXT TX

The EXT TX Kit is designed as a field-installable option. Before starting, remember to observe proper ESD (electro static discharge) procedures before attempting the installation of the FLEX6400(M) EXT TX to prevent damage that may occur from static charges that can build up on your body or work surfaces. This is especially a concern during the winter months or in climates where the relative humidity can be very low.

Procedure

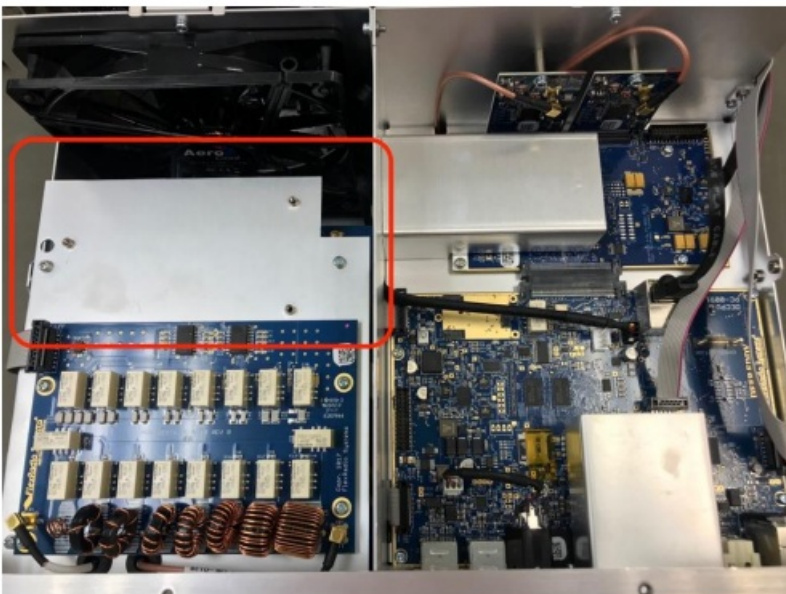
- **Step 1:** Carefully remove the 4 screws from the top cover of the FLEX-6400(M) with the T8 Torx.



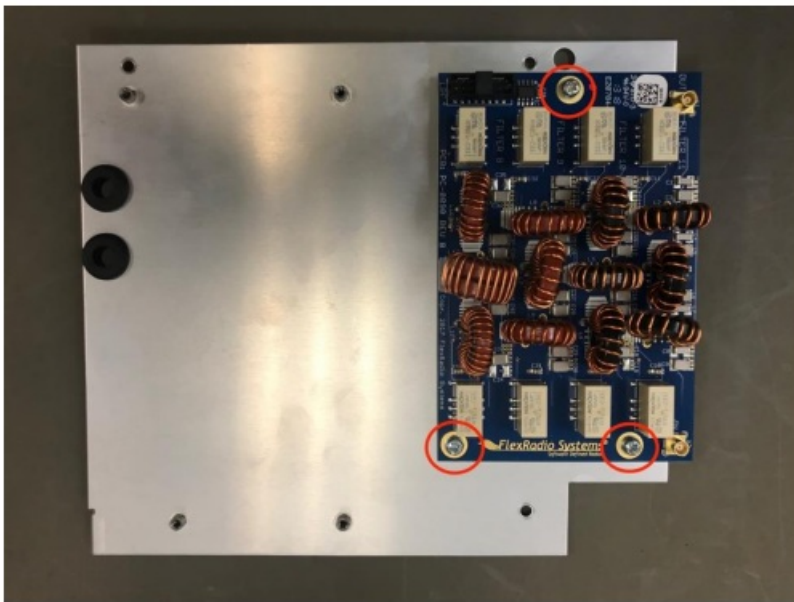
- **Step 2:** Carefully remove screws (5 each side) from both sides of the top cover using the T8 Torx.



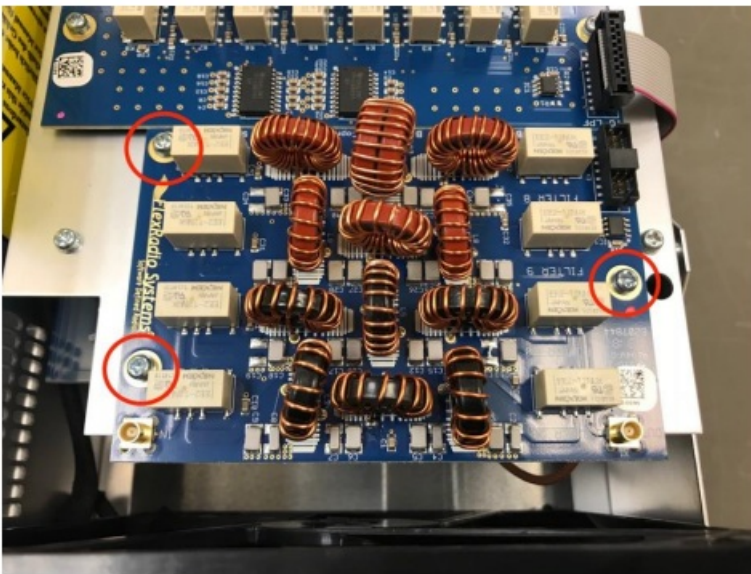
- **Step 3:** Remove the top cover and handle gently so as not to scratch the cover. Set aside.
- **Step 4:** Identify the mounting location for EXT TX located on the mounting platform behind the main fan next to ATU.



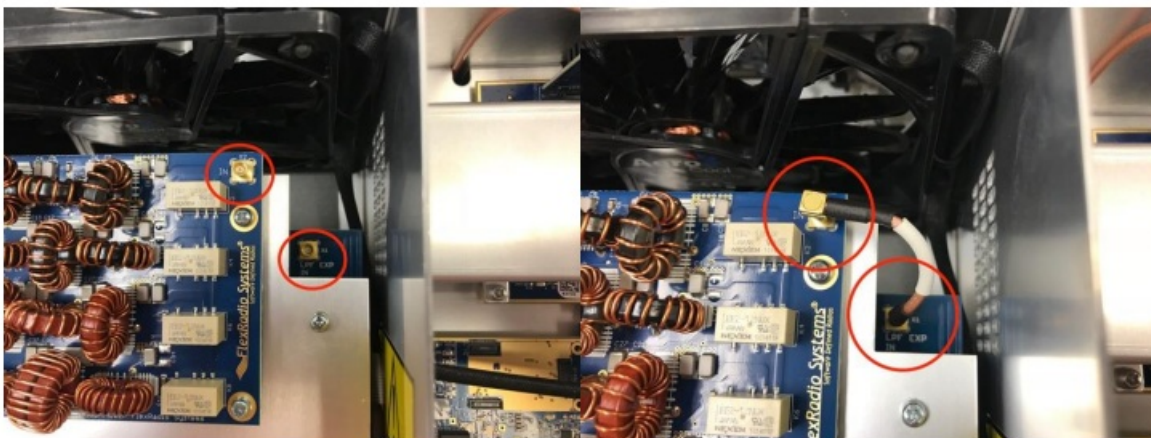
- **Step 5:** Remove EXT TX with the attached mounting platform from the bag. Remove the EXT TX board from the mounting platform by removing the three screws.



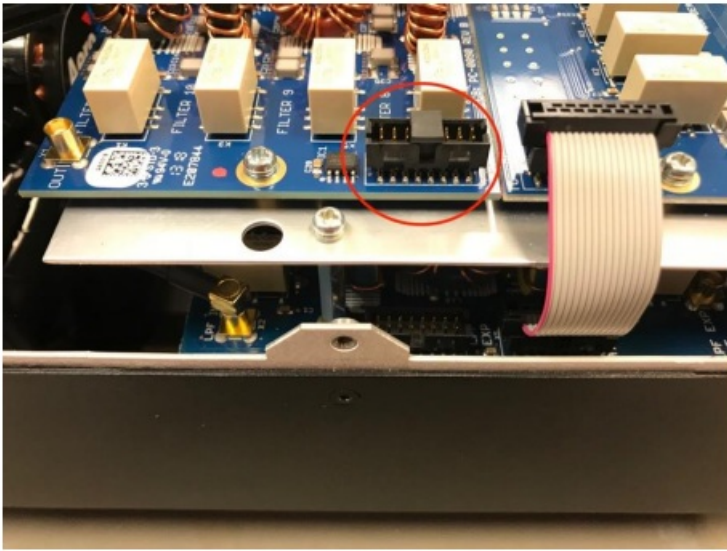
- **Step 6:** Install EXT TX in its location as shown with the three screws.



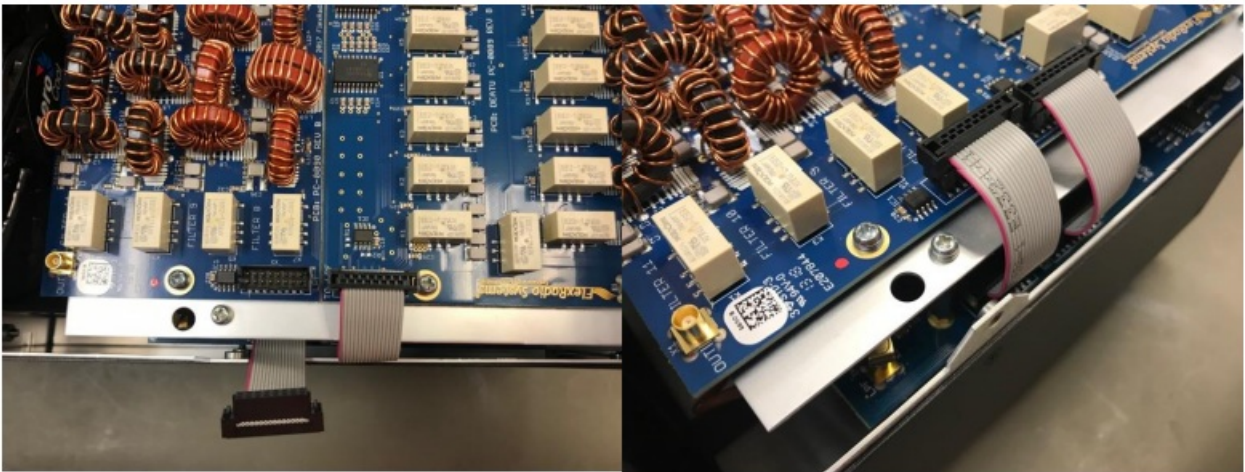
- **Step 7:** Connect the short coax cable included in the kit into the X1 connector of the LPF board below. Connect the right-angle connector of the coax to X2 of the EXT TX board. (Be careful to insert coax connectors in straight to avoid damaging the center pin. You will hear a “click” when installed correctly.)



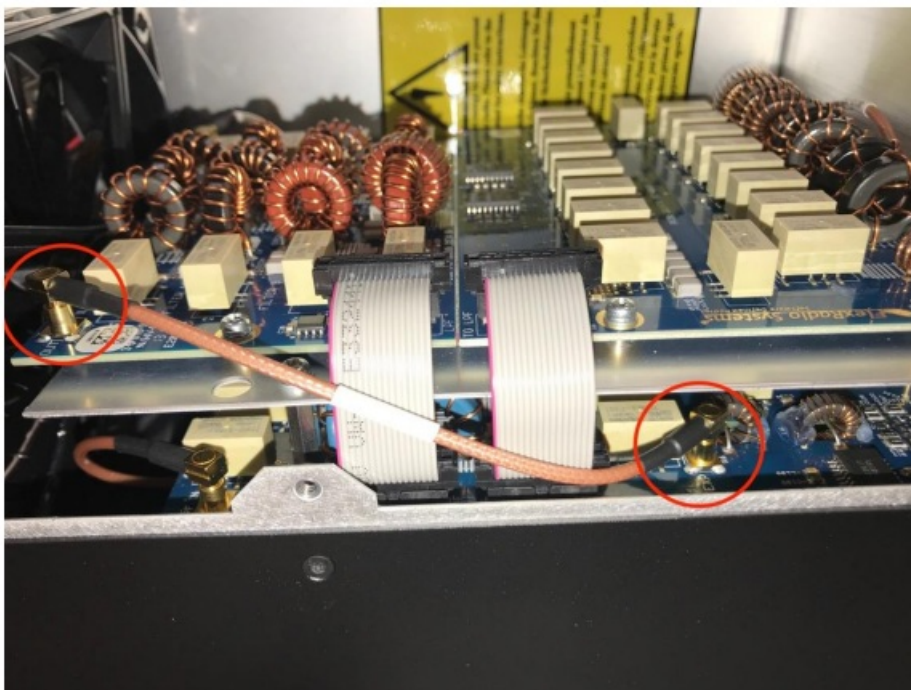
- **Step 8:** Remove plastic insert from X3 connector of EXT TX.



- **Step 9:** Connect the ribbon cable included in the kit to the X3 connector on the LPF board below first, then connect to the X3 connector of the EXT TX board above.




- **Step 10:** Attach one end of the long coax cable to X6 of the LFP board below. Then route cable outside ribbon cables and attach the other end to X1 of the EXT TX board above. (Be careful to insert coax connectors in straight to avoid damaging the center pin. You will hear a “click” when installed correctly.)



- **Step 11:** Replace the top cover being careful to not pinch the coax cable and screw it into place using 4 screws

in the top cover and 5 screws on each side.

Documents / Resources

	<p>FlexRadio FLEX-6400M Extended Transmit Module [pdf] Instruction Manual FLEX-6400M, Extended Transmit Module, FLEX-6400M Extended Transmit Module, FLEX-6400</p>
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