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PTRX-9700 INSTALLATION GUIDE

DISCLAIMER: We are not responsible for any damage to your radio during installation. Please operate at your own risk.

You can access the latest version for this document at www.radioanalog.com/ptrx-9700

This document has been prepared to guide you to install PTRX-9700 into your ICOM IC-9700 radio. This is solderless operation, and you can remove PTRX-9700 from your radio at any time easily without any modification.

PTRX-9700 shipped with following items as shown in **Figure.1**:

1- PTRX-9700.
2- Fixture (non-conductive).
3- U.FL extensions.
4- Power cable.
5- Power adapter.
6- U.FL to SMA cable and SMA fixture.

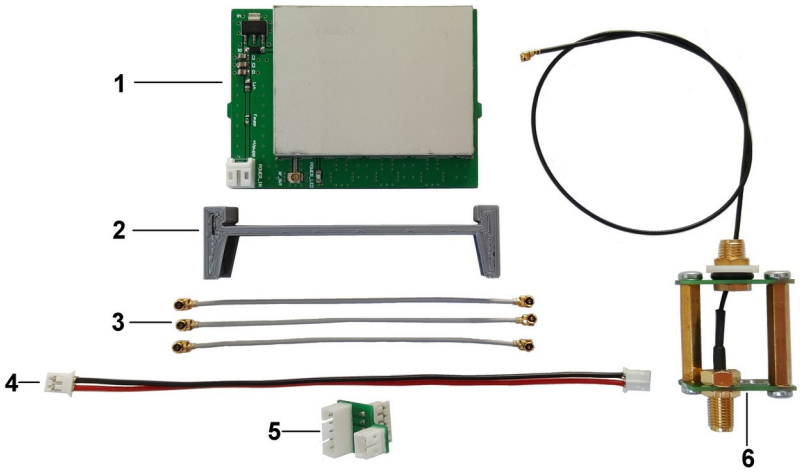

Figure.1 : PTRX-9700 product content.

Installation Procedure

Before you start, you will need an 8mm wrench to replace the SMA connector and also a phillips head screwdriver to remove the bottom cover of IC-9700.

1- Power off your IC-9700 and remove power cable.
2- Open the bottom cover of IC-9700 with a phillips head screwdriver.
3- Plug the power adapter as in **Figure.2**.
4- Detach U.FL cables from the PCB of IC-9700 then attach U.FL cables extensions to IC-9700 (VHFin, UHFin, 23in) as shown in **Figure.3**. Do not forget to attach original U.FL cables from IC-9700 to PTRX-9700.
5- Replace REF_IN SMA connector with supplied adapter as shown in **Figure.4** (if you don't use REF_IN signal, you can replace the SMA connector with supplied one) as in **Figure.5**.
6- Push PTRX-9700 on to the aluminum holder as in **Figure.3,** then attach the power cable to PTRX-9700.
7- Power your IC-9700 on and check if the green LED of PTRX-9700 is on as in **Figure.6**.
8- Close the bottom cover. Connect your SDR receiver to the RF output of PTRX-9700.
9- You are all set. Enjoy your PTRX-9700 panadapter!

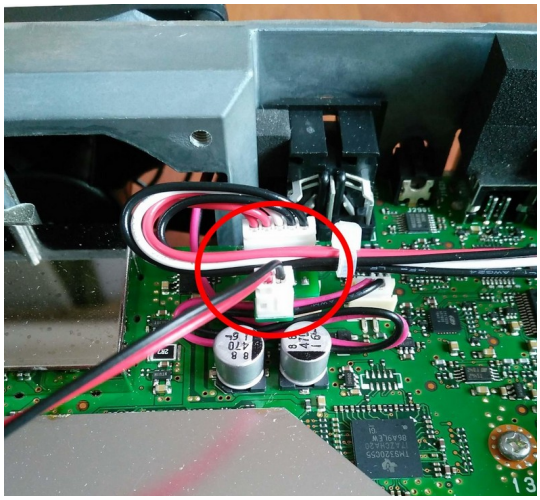

Figure.2 : Power adapter connection.

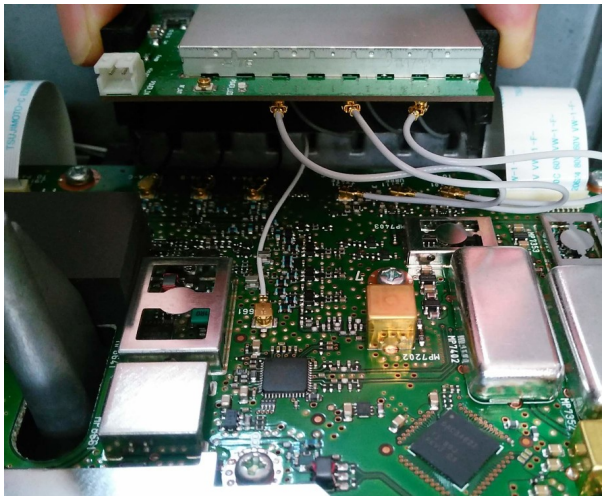

Figure.3 : Bypass cable connections.

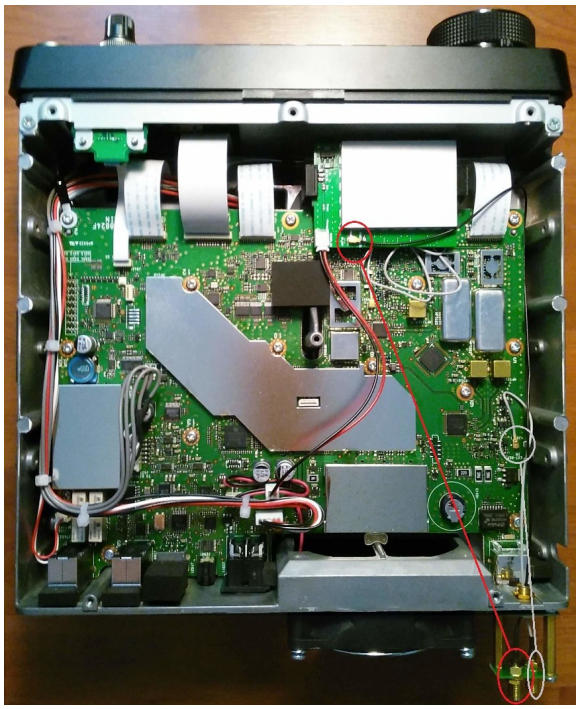

Figure.4 : RF out along with the REF clock input.

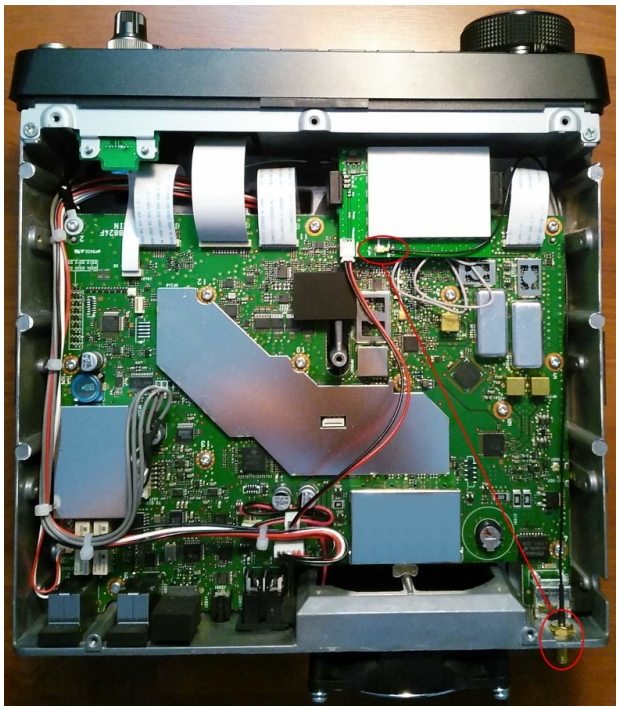

Figure.5 : Direct RF out (for users who don’t use REF clock)

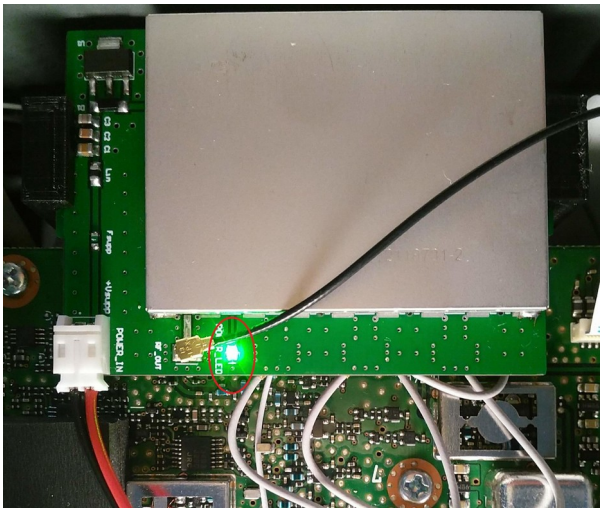

Figure.6 : Installed PTRX-9700 with power.

For technical assistance you can reach us at contact@radioanalog.com

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