MiniTiouner-Express Tuner / Receiver Product Overview

For Windows OS

Product overview

The MiniTiouner-Express tuner / receiver / Analyzer is a completely assembled and tested DVB-S/S2 tuner receiver in an enclosure about the size of a cigarette package. It connects between an antenna(s) and a PC computer USB2 port using a Windows 7, 8 or 10 operating system. It will receive DVB-S and DVB-S2 digital television signals from 144MHz to 2420MHz using symbol rates between 250K symbols and 10M symbols. It has two "F" female connector RF inputs that can receive signals independently but viewed one at a time by selecting input A or B soft keys in the Minitioune software. The resultant video and diagnostics are then shown on the computer monitor display. It is also configured to receive HamTV video from the International Space station.

There are provisions to source a DC voltage on either or both RF connectors to power a preamplifier at the antenna. The DC voltage is sourced directly from the tuner input DC power. Since the tuner itself will operate from an +8 to +24VDC source, the preamp voltage requirements dictate the tuner supply voltage. There are two solder pad selections inside the tuner that are NOT soldered at manufacture. If either or both RF connectors need to supply preamp power, the user must remove the cover held in place with hot melt glue and solder the proper pads. Afterwards, the user must re-assemble the cover and again apply a small dab of hot melt glue to secure it.

Connect J1 to an +8VDC to +24VDC fused power source dependent upon preamplifier power needs. The DC current requirements are 12VDC @ ~300Ma without DC preamplifier power.

The product will be sold through the DATV-Express web site at www.DATV-Express.com. Price will be $75 USD plus shipping, $6 domestic and $33 elsewhere. Product will be ready by mid-January 2018. Check the DATV-Express web site for updates and further details.

Contacts

E-Mail

- **Art Towslee – WA8RMC** **Towslee1@EE.net**
- **Charles Brain – G4GUO** **G4GUO@ARRL.net**
- **Ken Konechy – W6HHC** **W6HHC@ARRL.net**
- **Tom Gould – WB6P** **WB6P@ARRL.net**
- **Project Team Support** **SUPPORT@DATV-Express.com**

Product Support

Yahoo Groups Support Forum for DATV-Express

https://groups.yahoo.com/neo/groups/DATV-Express/info

You can subscribe by sending an email to:

datv-express-subscribe@yahoogroups.com