

Adrienne Electronics Corporation

“INTRODUCTION”

For All USB-TC Family Products

Introduction:

Thank you and congratulations for purchasing one or more of our USB-TC family of time code reader boxes. This product family includes the following models:

USB-LTC/RDR	Analog LTC Reader
USB-21VL/RDR	Analog LTC/VITC/L21 Data Reader
USB-IRIG/RDR	IRIG Time Code Reader

Current Info:

Refer to <www.adrielec.com> for the latest models, pricing, and support info, including information and application notes and drivers which may have changed since this CDROM was manufactured.

CDROM Organization:

This USB-TC test/demo/support CDROM is organized as follows:

- a) “Introduction” is the file you are reading now.
- b) The “32-bit Win Files” directory contains 32-bit Windows files.
- c) The “64-bit Win Files” directory contains 64-bit Windows files.
- d) The “Documentation” directory contains information which is of general use, such as the “USB-TC Windows Guide”, and various application notes.
- e) The “Firmware Updating” directory contains a simple Windows application which is only needed if your box's firmware needs to be updated. All boxes are shipped with current software, so this is hardly ever needed.
- f) The “PC Clock Setting” directory contains files which are needed if you will be jamming your PC's clock to match an external time code reference.
- g) The “Windows Demo” directory contains a simple Windows test/demo program. This is very useful for determining that everything is installed, connected, and working properly under Windows.

Box Installation Overview:

- 1) Connect a known good time code signal to the box's time code input.
- 2) Use a standard A-B USB cable to connect the box to the Host PC.
- 3) Boot the Host PC with the USB-TC CDROM installed. Bootable test/demo software will run automatically. See the "[AEC Bootable Test Software Guide](#)" (PDF) for full details. This simple program lets you know that your signal source, your cables and connectors, your AEC device, and your Host PC are all working properly.
- 4) Install the appropriate Windows driver file per the "[USB-TC Windows Guide](#)" (PDF) document.
- 5) Run the simple Windows test/demo program provided on this CDROM to assure you that the box is OK and installed properly under Windows.
- 6) Proceed with your desired Windows application program.

Troubleshooting Difficulties:

For historical reasons, unlike most of our products, our USB-TC products have no "status" LED to let you know that the box is powered up and reading good time code. Furthermore, no product manual was ever created (it is a very simple product which needs very little explanation). So just plug it in, boot your PC to the USB-TC CDROM, and make sure that all of the hardware is working properly (per the "[AEC Bootable Test Software Guide](#)" document). Then install the appropriate Windows driver file per the "[USB-TC Windows Guide](#)" document. Then run the Windows Demo program to make sure that everything is working properly.

Software Developers:

To keep things simple and less confusing for almost all of our customers, we have deliberately left all software development information out of this CDROM. If you are a software developer, and you need to know how to interface your software to our product, please contact us with a short explanation of who you are and why you need this information. We will be glad to help you out.

Contact Information:

The best way to get in touch with us is via our website at <www.adrielec.com>. Alternatively you may call us at (575) 772-2572 (Mountain Time)(GMT-7), or send us an e-mail at <support@adrielec.com>.