Tektronix Optical Clock Recovery (TCR801) Firmware Upgrade Customer Release Notes

Version: 1.2.3
Last Revised: May 17, 2022
Product: This firmware supports TCR801 product

Description

The TCR801 Firmware Upgrade is a binary firmware upgrade file used to upgrade the operating system and firmware of the TCR801. It is designed to be used in conjunction with the Tek OCR Application v1.1.1 to upgrade the unit via the "Firmware Upgrade" menu in the application.

Version 1.2.3 Release Description

V1.2.3
- Fixed an issue where a Diagnostic warning was shown as an error, causing false positives in the diagnostics   - Fixed an issue where the device would crash after attempting to lock on to specific types of signals
V1.2.2
Recatogorized some diagnostic warnings/errors and added more diagnostic checking
V1.2.1
This release had some minor algorithm improvements, as well as a new implementation to improve lock speed.   - Diagnostic improvements   - Lock Algorithm improvements   - Lock Speed improvements   - Fixed a bug where disconnecting the LAN would not allow the box to reconnect to DHCP after a reconnect.
V1.2.0
This release allows the user to use multiple OCR applications on mulitple PC's at the same time for a single TCR801, and to allow the user to monitor/change the status of the device on multiple PC's. It also allows the user to be connected the application, while also sending PI commands in parallel. Other Improvements in the release: - Lock stability improvements and bug fixes   - Network stability improvements   - Lock speed improvements, general improvements and quicklock impementation   - Synthesizer mode: Turn on synthesizer mode via the PI to output a CLK/4 of the requested datarate. See user manual for more.   - LCD bug fixes   - Diagnostic implementation

PC System Requirements

TCR801 Firmware upgrade requires the Tek OCR application v1.1.1 and Windows 7 and above.

Product Upgrades

From time to time Tektronix releases new versions of the product software or optional application software. Tektronix will also release FW upgrade images for the TCR801 (.TEK) that customers should

keep up to date on. For this release, it is required that customers update both their GUI and FW. Customers can download these from the Tektronix web site at www.tek.com

Contacting Tektronix

One method to receive timely information on new software updates, new products from Tektronix and other useful information is through a MyTek account. To join MyTek, please visit www.tek.com/mytek.

For application-oriented questions about Tektronix measurement products, please call Product Support. In North America call 1-800-833-9200 option 3, Monday-Friday, 6:00AM - 5:00PM Pacific Time or contact us by email at techsupport@tektronix.com.

For service support call 1-800-833-9200 option 2, Monday-Friday, 5:00AM-5:00PM Pacific Time or contact us by email at meas-svc-feedback@tektronix.com

Outside of North America: please contact your local Tektronix Sales or Distributor office. Refer to our web site at www.tek.com for listings of those offices.

For all other information call 1-800-833-9200, visit our web site at www.tek.com, or write to us at:

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