



ECO8000
Automatic Changeover Unit
Release Notes

This document supports firmware version 2.0 and 2.0.1

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Release Notes

This document describes the new features, fixes, improvements, and limitations of firmware versions 2.0 and 2.0.1 for the ECO8000 Automatic Changeover Unit.

Product Updates

Upgrades	The firmware upgrade package can be downloaded from www.telestream.net/video/resources.htm . The package consists of a ZIP file containing three files: firmware.pkg, ECO8000-MIB.mib, and transfer.exe. The transfer.exe program is used to upgrade the ECO8000 firmware package from a network connection to a Windows PC. Complete instructions can be found in the ECO8000 User Manual.
Downgrades	It is not possible to downgrade from firmware version 2.0.1 to an earlier version. Contact Telestream Customer Support if you need to downgrade.
New Features	Versions 2.0 and 2.0.1 are a major release to support the Telestream-branded ECO8000. They also support all configurations of Tektronix-branded ECO8000 and ECO8020 models. See the ECO8000 User Manual for details about the following functions and their operation:
Updated SNMP MIB	The ECO8000 Management Information Base (MIB) for SNMP now uses the Telestream object identifier (OID) instead of the Tektronix OID. If an existing ECO8000 or ECO8020 is upgraded to version 2.0 or 2.0.1, you will need to re-load the MIB file in the management system to access SNMP objects by their new OID values.
LTC channels now standard	Support for LTC channel changeover is now a standard feature. It is no longer necessary to purchase an extra licensed option. User interface menus to enter the software license key have been removed.

Updated Features

	The following changes have been made to product features.
Expansion Port	ECO8000 units manufactured prior to May 2025 (with a Tektronix Video logo on a gray front panel) have an expansion port connector on the back panel. This port can be used to “chain” two ECO8000 units together to behave as a single changeover unit with more channels. ECO8000 units manufactured in May 2025 or later (with a Telestream logo on a black front panel) do not have this connector and its associated feature. Version 2.0 and 2.0.1 firmware will work correctly with both types of ECO8000 units.
Hardware Updates	Version 2.0.1 supports updated ECO8000 hardware. Downgrades from version 2.0.1 are not possible due to the hardware changes.

Resolved Issues and Improvements

This firmware release has resolved the following issues and makes the following improvements to the previous 1.1 release.

FAULT RESET button

The FAULT RESET button on the web interface now works correctly in both Manual and Automatic modes, just as the front-panel button works.

RTC battery diagnostics

The real-time clock (RTC) battery diagnostics now correctly reports the battery level, with a warning status if the voltage is low.

Channel labels

User-defined channel labels are now correctly updated when edited from the web interface.

Email password

The email username and password settings have been removed from the web interface and front-panel menus since they have no effect. The ECO8000 will only work with a local SMTP server that does not require user authentication.

General Limitations

This firmware release has the following general limitations.

Management network connection

If the ECO8000 powers up with the network cable disconnected from the management port, or if the cable is disconnected and re-connected, the DHCP client will not request an IP address. Use a static IP address, or disable and re-enable DHCP from the front panel NETWORK CONFIG menu.

SNMP community strings

The SNMP public community string (used for read-only access) and private community string (used for read/write access) must be different. The SNMP agent will not function correctly if the same string is used for both purposes.