

Echoflex Solutions Release Note

LED Fixture Controller

ELED1

Product Line:	LED Fixture Controller ELED1
Description:	Version 3.3.0 Firmware
Effective Date:	2023-05-26

Purpose

This release of ELED1 firmware provides general fixes and optimization. Version 3.3.0 is the initial release for version E hardware, which provides improved antenna routing for better wireless reception.

For any questions relating to the contents of this release or the behavior of this firmware, please contact Echoflex Solutions using the information at the bottom of this page.

Availability

The LED Fixture Controller, model ELED1, ships from the factory with the current firmware v3.3.0. Field upgrade of the firmware is not required or possible.

Documentation

Please keep this release note with your *LED Fixture Controller ELED1 Installation Guide* for descriptions of the newest features, changes, and bug fixes. Manuals are in portable document format (pdf) and are available for download at [echoflexsolutions.com](https://www.echoflexsolutions.com).

Key Enhancement v3.3.0

- Maintenance release for general fixes, see [Issues Corrected](#) below.

Key Enhancements in v3.2.0

- Provides shared occupancy control to maximize energy savings. This feature can be used to coordinate large open spaces that are segmented into zones.
- Redesigned hardware power supply (version D hardware).

Key Enhancement in v3.1.0

- Supports the Keycard Switch Station (KSS) and Magnetic Contact Sensor (MC-31) for use in hotel applications to capture the occupied state while providing manual dimming and switching.

Issues Corrected in v3.3.0

- Corrected an issue where dimming levels set by presets were not backed up to non-volatile memory, and issues that affected Partial-OFF operating parameters and photo sensors.
- Fixed issue where the shared occupancy timer was not reset by manual class devices, which could cause some lights to turn off prematurely.
- Added timeout to IECC code to prevent the controller from staying in Partial-Off state indefinitely.
- Implemented Central Command v2 behavior to consistently define the state of controlled elements following an override event. Also fixed faulty interactions with Timed-Switch.

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ELED1 v3.3.0

- Corrected issue that interfered with running a Range Confirmation test.
- Removed the Teach message on start up.

Issue Corrected in v3.2.1

- The firmware was adjusted so that the ELED1 channel assignment is consistent with the suite of Echoflex power pack controllers, where the first channel is "1" and not "0".

Compatibility

This release is compatible with the following Echoflex Solutions software and hardware:

- Garibaldi Pro software (device database update only)
- MBI Multi-Button Station
- MSS Multi-Scene Station
- PTM Paddle Station
- ETRH and ETRS Wall Stations
- KSS and PTM365KCA Keycard Stations
- ROS, RCS, and MOS Occupancy Sensors
- RVS Vacancy Sensor
- OWS Wall Switch Sensor
- WTC Wireless TimeClock
- MC-31 Magnetic Contact Sensor
- TAP and FLS Light Sensors
- ERM-DA Active Circuit Transmitter