

Echoflex Solutions Release Note

Elaho Inspire and Preset Station

Product Line: Elaho Inspire and Preset Station
Description: Version 3.3.4 Firmware

Elaho Inspire and Preset Station Components

Elaho Firmware	3.3.4.950
Echo Protocol	3.3.4.950

Effective Date: 2021-04-29

Purpose

This release incorporates improvements from newer Echo Protocol versions.

This firmware is used in the following stations:

- Elaho Inspire Control Stations
- Elaho Keypress Stations
- Elaho Preset Stations

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

Elaho Inspire and Preset Stations ship from the factory with current firmware installed and are not field upgradable. Each Inspire and Preset Station will be labeled with the application version number (e.g. v3.3.4) for visual indication of the installed version.

Documentation

Current documentation for Elaho Inspire and Preset Stations include the *Inspire Station Installation Guide*, *Preset Station Installation Guide*, *Keypress Station Installation Guide*, *Inspire Station Programming Guide*, and the *ElahoAccess App integrated help system*.

Please keep this release note with your 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.

Additional support documentation can be found at support.etconnect.com.

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Compatibility

For questions regarding compatibility, please contact Echoflex Solutions Technical Services.

Compatible Elaho Products

This release is interoperable with the following Elaho hardware and software/firmware:

Product	Earliest Device Compatibility	Optimal Feature Compatibility
ElahoAccess App-iOS	v1.0.0	v3.3.1
ElahoAccess App-Android	v1.0.0	v3.3.0
ElahoAccess Interface	v1.0.0	v3.3.4
Elaho Expansion Bridge	v1.0.0	v3.3.4
Elaho BACnet Interface	v3.0.0	v3.3.4
Elaho Integration Interface	v3.3.1	v3.3.4
ElahoTouch	v3.0.0	v3.1.0
Elaho DMX Scene Controller	v1.0.0	v3.3.4
Elaho-Echoflex Interface	v1.0.0	v3.3.4
Elaho Contact Input Interface	v1.0.0	v3.3.4
Elaho Contact Output Interface	v1.0.0	v3.3.4
Elaho Demand Response Interface	v2.0.0	v3.3.4
Elaho Responsive Controls	v1.0.0	v3.3.4
Elaho Dual Tech Occupancy and Vacancy Sensors	v1.0.0	v3.3.4
Elaho Dual Tech Switch-mount Occupancy Sensor	v1.0.0	v3.3.4
Elaho Room Controller - Gen2	v1.0.0	v3.3.4
Elaho Zone Controllers - Gen2	v1.0.0	v3.3.4
Elaho Inspire Stations	v3.0.0	v3.3.4
Elaho Keyswitch Stations	v3.2.0	v3.3.4
Elaho TimeClock	v1.0.0	v3.3.4
Elaho Preset Stations	v3.0.0	v3.3.4
Elaho Relay Panels	v1.0.0	v3.1.2

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Key Enhancements in v3.3.4

- Incorporates improvements from newer Echo Protocol versions

Key Enhancements in v2.0.0

- Support for Open and Close time of day events
- Added support for viewing and issuing schedule Holds from EchoAccess
- Bug fixes

Key Enhancements in v1.0.0

- Initial release

Installation Instructions

This software is installed on new Elaho Inspire and Preset Stations as they are shipped from the factory and does not require update before use. Inspire and Preset Stations are not field-upgradable.

Issues Corrected in v3.3.4

None: Incorporates improvements from newer Echo Protocol versions

Known Issues Remaining in v3.3.4

EIS-45499	Knob studio mode CT & Tint levels jump down to lowest levels then raise on adjustment after Off
EIS-44845	'zone select' buttons indicate incorrectly as Amber in custom mode
EIS-44490	Adjusted Space Off timing may not be applied
EIS-44473	Multi-space control does not activate off indication until all channels reach off state
EIS-44158	Double-tapping locked out zone select button allows selection (though control is still prevented)
EIS-36927	Restoring defaults or disconnecting TimeClock from Echo bus during FlickWarn leaves stations indicating indefinitely
EIS-34119	E1104 knob LEDs don't reflect hue/sat levels when space combining with when space is combined with another space that has color zones
EIS-34089	Knob halo LEDs perform extra flashes after station boot and sync is complete
EIS-33368	Level sets to 0% for Zone don't show active Off status until fades complete
EIS-33309	Zone/Space Toggle and Set to 0% actions appear active while fading to Off
EIS-32796	A station indicating two presets because of a late joiner will not show second preset when first is toggled off
EIS-32782	Stations do not chase during user activity when an Output Product changes space
EIS-32714	Stations do not chase LEDs during user activity after connecting an Output Product
EIS-32319	Station can indicate false active off state if connect Echo bus between 2 output devices playing different presets and deactivate 1 of them
EIS-28145	Rotate for Space Lower followed by Knob push for Off does not honor hurry-up time via DIP4
EIS-27732	IR Remote Preset 10 button doesn't work

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Issues Corrected in Echo Protocol v3.3.4

EC-47203 Implement Echo Bus communication efficiency reporting

Issues Corrected in Echo Protocol v3.3.1

EC-47110 Active status indication can occasionally blink off on busy EchoConnect bus

Issues Corrected in Echo Protocol v3.3.0

EC-45338 Bus ID does not re-arbitrate if self powered device loses and later regains bus connectivity while remaining powered

Issues Corrected in Echo Protocol v3.2.0

- EC-46663 16 occupancy sensors in the same space on a single Echo segment can cause missed Grace Restore
- EC-46662 Occupancy devices sharing same ID on different EEB segments can cause missed Grace Restore
- EC-46278 Grace Restore affects spaces it shouldn't in multi-space output products
- EC-46206 Multiple Occupancy/Vacancy sensors in same space can cause missed vacancy actions in some situations
- EC-46019 Within 30s of grace restore, the first zone/space action does not play
- EC-45866 Group occupancy and vacancy actions can fail across ports of an EEB when 10 or more occupancy devices are in group
- EC-45842 Occupancy/Vacancy sensors in same space on different EEB segments can impede all echo communication
- EC-45656 DMX Scene Controller zone levels change after a preset record
- EC-45520 Sequence status and Off status not indicated correctly when deactivating or issuing Off commands
- EC-45333 Some Echo output products could erroneously restore from recent vacancy state
- EC-45131 Output products can play off when asked to play a preset higher than their available presets
- EC-45125 Space Off timing not honored when deactivating sequence in loop or single-shot mode in ERP/EACP/DMXSC
- EC-45098 Active sequence can cause space level indication to change
- EC-44677 Contact input can incorrectly play occupied look if contact opened between 30 and 59 seconds after power on
- EC-44167 Incorrect indication for spaces combined via another combined space
- EC-44126 Longer Than Expected Bus Lockout Activation With Late-Joining Output Devices in Lockout
- EC-43700 Space Toggle toggles zones to 0% if any zone in a space is 100%
- EC-42978 Adding late-joining unlocked output product to locked space temporarily shows incorrect unlocked status
- EC-42559 Sequence controls in v3.1.0 stations (or mobile app v2.2.0) or newer does not indicate "On" and cannot deactivate sequences in older EACP, ERP, and CEM3 systems
- EC-40980 Two output products with different presets active can result in preset status that occasionally flickers
- EC-40328 Late Joining hosts do not acquire space combine status
- EC-37977 Both OFF and sequence appear as active simultaneously after a preset deactivation during bounce sequence
- EC-35960 Station indication can be wrong due to manual control that causes occupancy grace restore across EEB interfaces
- EC-35153 Stations incorrectly still show active space combine status if a new output controller is added to bus after combine
- EC-34376 It can take up to 60 seconds for a newly added output device to properly participate in Space Combine

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Known Issues Remaining in Echo Protocol v3.3.4

- EC-47116 Space Toggle button on Inspire station not affected by level of ET channel not patched to zone
- EC-47111 Zone/Preset/Sequence status can "flutter" very occasionally due to a receiving host timer rollover
- EC-47077 Multispace off button occasionally flashes on when sequence is still playing
- EC-47074 Off actions using timing from an active preset rather than the 2 second standard
- EC-47070 Mobile app shows sequences active for sequences 2-4, not just 1
- EC-47063 Multispace hosts maintain preset status in previously-patched spaces
- EC-46888 Late joining occupancy sensor controls will assert their configured occupancy action even if associated group was already in occupied state
- EC-45629 Hold event configured with fade time for "set to color" actions fades intensity on hold
- EC-45596 Differing space/zone levels across bridge segments causes station indication to bounce between values
- EC-45462 "Uncombine All" may not uncombine all combined spaces on full Echo bus.
- EC-45202 Editing spaces affected by a Demand Response input momentarily sets spaces to false during true condition
- EC-44495 Products with Power on behavior can show active zone levels and activated Off status at same time
- EC-44432 Manual control from non native space does not trigger occupancy when occupancy action is multi-space
- EC-44154 Occupancy groups, vacancy inhibit, and photo inhibit do not support all spaces of a multi-space action
- EC-43350 Accessing the Config page on multiple simultaneous mobile app connections causes duplicate devices to be listed
- EC-43262 Vacancy action Preset activate can be missed after a grace restore has been triggered due to support for older Occupancy sensors
- EC-43138 On occasion large batches of patch config messages can fail to transmit correctly resulting in skipped addresses
- EC-43020 When two presets are active in the same space, preset indication toggles between both presets
- EC-42572 Unable to toggle sequence off from combined space that does not possess a sequence enabled output product
- EC-42401 Space Combine Toggle won't uncombine spaces without any host output products
- EC-38851 Late joining bridge results in oscillating mismatched Zone values if different segments have different values for same zones
- EC-38839 Late joining bridge results in oscillating mismatched statuses if different segments have different status for same spaces
- EC-38694 Zone status does not zero out after last output product for that zone changes to new space
- EC-35126 Space toggle when Zones are not at full sets Zones to 0 rather than all at full
- EC-34543 Sequence indicator toggles state rapidly when output device with sequence active late joins Echo bus with output device that has inactive sequence
- EC-28417 Station activity during sync period following connection of late joining output product incorrectly does not cause LED chase