KETRA

DESIGN STUDIO AND TECH TOOL RELEASE NOTES

VERSION 2.0

May 1, 2018

New Features:

- Groups can now be organized hierarchically. For example, "Kitchen" and "Dining Room" groups can be a member of the "House" group, and "Island" and "Cooktop" groups can be a member of the "Kitchen" group.

- Improved scene builder leverages hierarchical groupings to quickly create, view, and edit your scenes. Scenes created in the Scenes tab can then be assigned to keypad buttons, shows, or analog input triggers.

- Flexible keypad programming now allows each button to control independent zones. Keypads are no longer restricted to having all of its buttons controlling the same groups. Requires 1.15 firmware to enable feature.

- Keypad relationships such as "Mirrored" and "Cascaded" are automatically determined by the system based a button's groups that it controls and the trigger assigned to the button. Requires 1.15 firmware to enable feature.

- Curated content and recommended groups for residential and office installations. Create your groups, add your devices, and click Publish to create a Ketra system with shows and scenes tailored for your spaces.

- Improved Group API returns the true state of groups. Requires 1.15 firmware to enable feature.

- An Internet connection for N4 hubs is not needed to create and program an installation. Authentication will be disabled if the installation is created without Internet. However, it can be enabled at a later time after the N4s hubs have an Internet connection in the Device Settings tab.

- Shows can be triggered from Contact Closure inputs.

- Single Publish button to reduce confusion

VERSION 1.8

October 18, 2017

New Features:

- Support for enabling Telnet access on an N4 hubs as well as exporting a Telnet command set specific to the installation which can be used to integration with Lutron controls

- Support for ADR (Automated Demand Response) which makes us Title 24 compliant

- Ability to enable Remote Access to N4 hubs with Design Studio

VERSION 1.8 *continued*

- N4 IP settings can now be set within Design Studio

- Natural Show Builder improvements for optimizing CRI

- Single Publish button to reduce confusion

VERSION 1.7
August 1, 2017

- Hierarchies of keypads for whole building and local control

- X2 dimmers that can be customized in the Integration tab

- The ability to lock X2 keypads to prevent unwanted changes

- A streamlined setup of circadian lighting, allowing a single show to be assigned to multiple keypads

- A default virtual keypad with a natural show that works straight out of the box

- A single photosensor that can now control primary and secondary daylit zones

- A faster than ever publishing speed in Device Control

- Installation list search function

- Natural Show Builder improvements including support for third-party lighting

VERSION 1.6
January 31, 2017

New Features:

- Support for Ketra N4 hubs enables creation and configuration of installations larger than 50 devices. A single control device in the Ketra system can now seamlessly control groups of hundreds or more lamps

- Organization screen has been redesigned to provide an optimized interface for provisioning and grouping Ketra devices.

- Create and program virtual keypads which can be accessed through the Ketra Mobile app.

- Expanded energy code support with more sensor profiles and automatic shut-off controls.

VERSION 1.5
August 10, 2016

New Features:

- Added X2 tactile keypad support

VERSION 1.5 *continued*

- New natural show builder provides an easy -to- use tool to create a natural show with custom CCT and brightness parameters

- Installations can be shared with other users from within Design Studio

- New Analog IO profiles that only control master intensity. These profiles are ideal for turning on and off lamps that are also running a show.

Changes:

- Improved diagnostic messages

- Satellites button in the Organization tab has been renamed to Integration along with a new icon

- References to 'Time Triggers' have been changed to 'Shows'

- Firmware upgrading allows selection of which devices will be targeted for updating

VERSION 1.4.1

February 16, 2016

New Features:

- DS diagnostics

    - Tools for determining if a network has good connectivity and evaluating repeater placements

    - Tools for diagnosing other error conditions: undiscovered linears, brownout, etc

- Ability to move RF channel for a network

- Broadcast acknowledgments. Improved broadcast reliability when there are wireless connectivity issues. Requires latest FW

- Ability to force dimmer settings on lamps

- "Advanced features" in Tech Tool for resolving issues

    - Ability to remove a device from a DS installation if the device is not functioning or no longer on the network

    - Ability to find and deprovision devices that are on the network but not showing up in the DS installation.

    - Ability to find and deprovision devices that got left behind when changing RF channel.

- DMX/Analog IO options

    - Whether or not to allow another control device to control brightness and master brightness or whether DMX or analog IO should override other control inputs

    - Whether or not to "refresh" (resend) the values every 10s

VERSION 1.4.1 *continued*

Changes:

- Emergency mode settings are now in the "Device Settings" tab along with triac settings

- DS shows you when it's syncing including when you close the application.

- Installations can be renamed by double clicking the name in the settings sidebar

- Added Canadian cities to the time trigger city list

- Demo installations can be converted to secure installations

- Administrator access is no longer needed for a new DS installation under most circumstances. Previous versions of Design Studio were installed as Admin so it will prompt you for Admin access to uninstall the older version. Also if you do not have .Net 4 it will prompt you for admin access to install it.

VERSION 1.3.6
December 21, 2015

- Fixed compatibility issues with the latest Windows 10 update.

VERSION 1.3.3
September 18, 2015

- Added Time Trigger repeating shows. This new feature allows easy creation of looping shows that can be configured to run all day with only a few triggers.

- Added option to change the wireless channel when creating a secure installation.

- Added emergency mode support for lamps and N3s. An N3 contact closure input needs to be configured for emergency mode to provide the emergency mode cues to the lamps. If a lamp is enabled for emergency mode and enters emergency mode, it will switch to its published default state. The lamp will not change from its default state until it receives an exit emergency mode cue from the N3.

- Fixed an issue where the Time Trigger clock could lag the PC clock.

VERSION 1.3.1
August 31, 2015

- Fixed issues when adding a device that can cause the device to not show up in the installation.

- Fixed a crash when accessing the content library from the Analog IO tab.

VERSION 1.3.0

August 21, 2015

- New Analog IO feature to interface with 0 10V inputs and outputs, contact closure inputs and outputs, and occupancy and vacancy sensors. Analog inputs can control Ketra lamps and luminaries, DMX outputs, or other Analog outputs. Analog outputs can be triggered by touchpad buttons, time triggers, or other Analog inputs. Requires new firmware released on August 21, 2015 on all Ketra devices.

- New X1 touchpad linking gives the ability to mirror or cascade touchpads. Mirrored touchpads share the same button configurations, and a button push on a mirrored touchpad will be reflected on the other mirrored touchpads. Cascaded touchpads operate as a single touchpad with more than 5 buttons controlling the same groups. Requires new firmware released on August 21, 2015 on all touchpads.

- New configuration option that allows touchpads to be locked.

- Improved publishing experience. Any devices that fail a publish will be displayed in the new publish retry screen which gives the option to retry all failed devices or an individual failed device. Publishing in Design Studio 1.3 is much faster with existing devices. Devices with firmware released on August 21, 2015 get an even larger publishing speed boost.

- Publish tab has been replaced with a single "Global Publish" button.

- Improved support for multiple users working on the same installation. Design Studio 1.3 will detect if an user is working with stale information which could cause data corruption or data loss. Requires firmware released on August 21, 2015.

- Added previewing of scenes, DMX ouput content, and time triggers shows.

VERSION 1.2.2

May 1, 2015

- Ketra Tech Tool is now bundled with the Design Studio installer.

- 'Ketra Time Trigger Shows' which includes custom- built Circadian shows has been moved to the Windows 'Public Documents' folder.

- Various robustness improvements.

VERSION 1.2.1

April 15, 2015

- Ability to save installation parameters to a .csv file which can be read by any spreadsheet software for a comprehensive summary of the installation.

- Mechanism to easily replace a Ketra device. After inputting the serial number of the old device to be replaced and the serial number of the new device, the new device will be added to the installation and take on the configuration of the replaced device.

- Option to save a Design Studio installation to a file locally on the PC. This installation file can then be imported into Design Studio at a later time.

VERSION 1.2.0

April 8, 2015

- Design Studio 1.2 can be installed along side Design Studio 1.1. Existing installations from Design Studio 1.1 can be migrated to Design Studio 1.2 by going to https://my.goketra.com and logging in with your Design Studio credentials.

- Design Studio 1.2 requires firmware released on April 8th, 2015 on your devices.

- True, multi group scene functionality is supported. Multiple lamp groups can be independently configured and assigned to a single Touchpad button. Each individual lamp group, within the scene, can be set to an intensity and color setting.

- Dynamic light content can be created using Time Triggers for installations with a Touchpad or Satellite. Time Triggers can be assigned based on an astronomical time clock (sunset and sunrise) or a fixed time clock event. Sunrise and sunset is calculated daily from the physical location of the product installation.

- Time trigger shows can be assigned to a Touchpad button which will enable or disable the show. Time trigger shows can also be configured to always run without a Touchpad button enabling the show.

- Design Studio 1.2 includes custom built Circadian shows. These shows can be directly imported into an installation or tailored to suit each installation.

- Control of third party lighting with Time Triggers and Touchpad buttons is supported. DMX Output profiles created in Ketra Tech Tool can be configured and assigned to Touchpad buttons or Time Trigger events.

- Improved G2 Linear functionality. Ketra Tech Tool provides the flexibility of adding individual Linear pixels to groups. This is especially useful for end -runs of cove applications that may be too near or too far from the wall perpendicular to the run of product.

- Added 28 new DMX profiles which includes channels for Vibrancy control and x,y chromaticity coordinate control.

- Support for warm dimming curve content which can be assigned to a Touchpad button or published to a lamp's default state.

- Ketra Tech Tool provides advanced features for already created Design Studio installations. These advanced features will be migrated to the Design Studio software in future releases. The purpose of the Ketra Tech Tool is to enable advanced users to have early access to these new software features.

- The Tech Tool provides the ability to update the firmware on Touchpads, Satellites, lamps, and luminaires to unlock the latest functionality. The firmware updater will let you know if there is new firmware available for any of your Ketra devices. Your lighting system will be operable during a firmware update, but configuration of your system is not allowed during the firmware update.

- Ketra Tech Tool can be used to create DMX Output profiles which can be assigned to Touchpad buttons or Time Triggers in Design Studio.

- Add individual G2 Linear pixels to existing Design Studio groups or newly created groups from Ketra Tech Tool.