Control Programming LLC
Release Notes

Extension – Hebrew Calendar Date-Time Cloud
version 2.00.006

Extension

This release note is for the Crestron extension that manages the Hebrew Calendar by providing events for Shabbat Candle, Shabbat Havdalah, Holiday Shabbat, Holiday Havdalah. Pesach Candle, Sukkot Candle, and Sukkot Havdalah.

Notes and Recommendations

Drivers->Date-Time->Control Programming LLC->Hebrew Calendar

System Requirements and Dependencies

Provide any minimum versions of applications required to run your driver.

- Crestron Home v3.008
- http://worldtimeapi.org/timezones – link to lookup the specific tz spelling when using the latitude/longitude settings as opposed to the US zip codes
- This extension requires that the License Manager (https://cpllc.net/product/license-manager/) also be installed on the processor

Installation/Upgrade Instructions

Installer Settings

Obtain License Key	Clicking the link, on the right, takes you to CPLLC.net where license keys can be obtained. A purchased license key is required to be entered i... — CPLLC.net
Enter License Key	A purchased license key must be obtained by clicking the above link and entered here. The extension will function 100% without a license key ...
CPLLC License Manager	This extension requires the CPLLC License Manager to also be installed....
Show in Home Screen	Checked to show on Home screen — ☑
Show on Room Screen	Checked to show in Room screen — ☐
Check to use Israel holiday schedules	Indicates if the Israel holiday schedules are to be used — ☐
Check to display Halachic times	If checked, a minimule subset of halachic times will be displayed. — ☑
Check to display all Halachic times	If checked, all of the halachic times will be displayed. — ☑
Check to use Sephardic Transliterations	If checked, the Sephardic transliterations is to be used. If unchecked, the Ashkenazis transliterations will be used. — ☑
Check to display Hebrew	If checked, display Hebrew language. If unchecked, English will be displayed. — ☐
Check to use Zipcode	Indicates if the zipcode isused to determine Sunrise and Sunset times — ☑
Zipcode	The house's zipcode which is used to determine the Sunrise and Sunset times — 38555
Latitude	The house's latitude which is used to determine the Sunrise and Sunset times — 37.8136
Longitide	The house's longitude which is used to determine the Sunrise and Sunset times — 144.9631
Obtain Time Zone	Clicking the link on the right, bring's up the list of TZ database time zones. — TZ Database
TZ Database Timezone	The house's timezone, used to determine the Sunrise and Sunset times, needs to be pulled from TZ Database list and can be obtained... — Australia/Melbourne
Shabbat Candle Offset	Shabbat Candle offset is the number of minutes before candle lighting to fire the event — 0
Shabbat Havdalah Offset	Shabbat Havdalah offset is the number of minutes after the emergence of three stars to fire the event — 0
Holiday Candle Offset	Holiday Candle offset is the number of minutes before candle lighting to fire the event — 0
Holiday Havdalah Offset	Holiday Havdalah offset is the number of minutes after the emergence of three stars to fire the event — 0

Obtain License Key – clicking on the "CPLLC.net" link will take you to the website to purchase the necessary license. The obtained license key will need to be entered in the license manager on the appropriate SKU.

Show on Home Page – check if extension is to be visible on the home page.

Show in Room Page – checked if extension is visible in the room page.

Check to use Israel holiday schedules – Indicates if Israel holiday schedules should be used

Check to display Halachic times – indicates a subset of Halachic times are to be displayed

Check to display all Halachic times – indicates that all Halachic times should be displayed

Check to use Sephardic Transliterations – Check if you want to use Sephardic transliterations. Unchecked will use Ashkenazis transliterations.

Check to display Hebrew – if checked Hebrew spellings will be displayed

Check to use Zipcode – if checked then the zipcode will be used for the house. Otherwise, the latitude/longitude/tz timezone will be used.

Zipcode – The house's zip code which is used to determine Sunset and Sunrise times.

Latitude – Latitude of house's location

Longitude – Longitude of house's location

Obtain Time Zone – clicking will open the webpage that contains the TZ Database Time Zone spellings.

TZ Database Time Zone – Time zone which must be one of the strings from link on the previous page
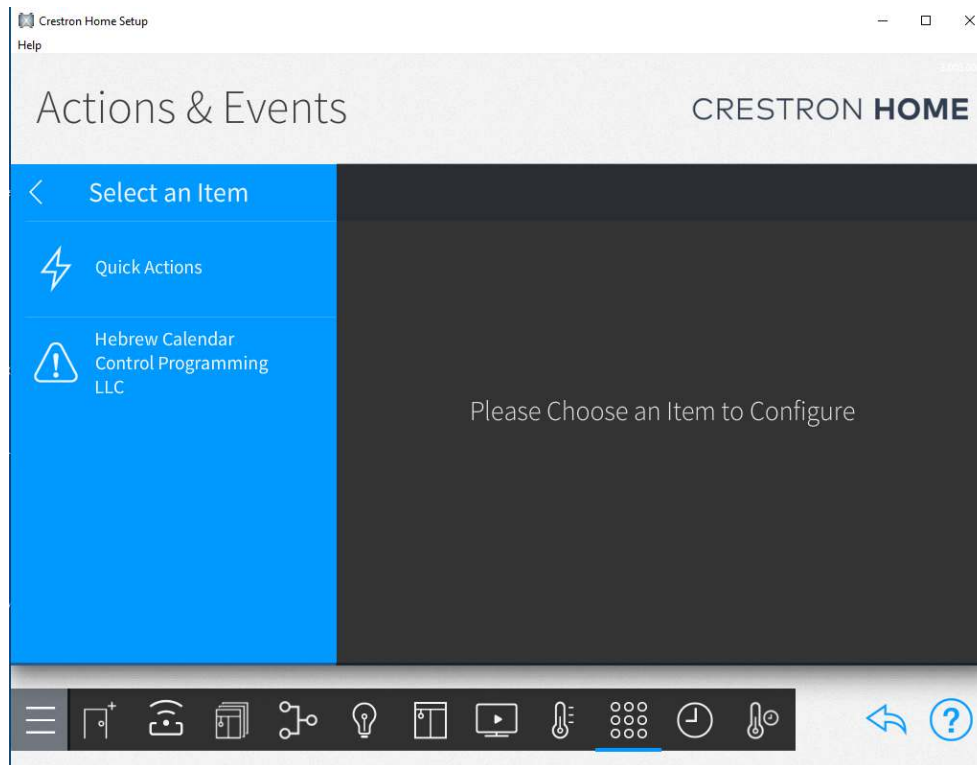
Shabbat Candle Offset – Number of minutes before candle lighting to trigger the event

Shabbat Havdalah Offset – Number of minutes after the emergence of the three stars to trigger the event

Holiday Candle Offset – Number of minutes before candle lighting to trigger the event – used for the Pesach and Sukkot Candle events

Holiday Havdalah Offset – Number of minutes after the emergence of three stars to trigger the event – used for the Sukkot Havdalah event.
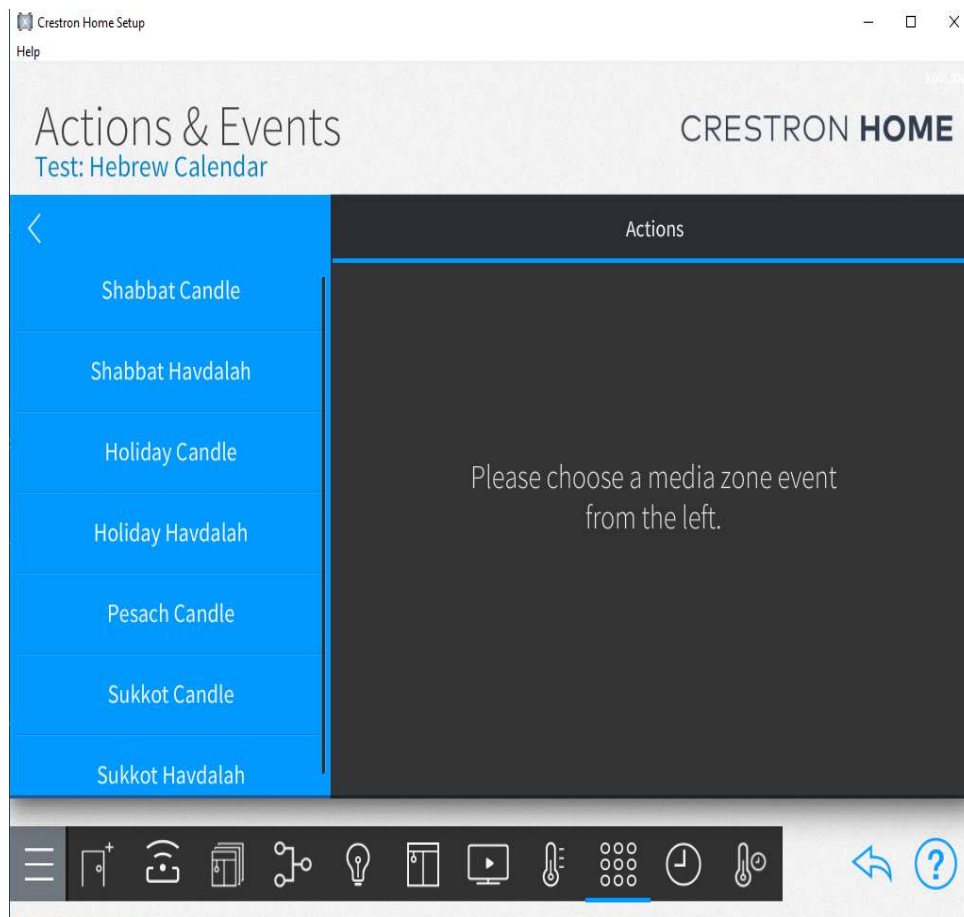
Sequence Events

The Hebrew Calendar action would be selected.

Ignore the "triangle !" as that is an issue with Crestron Home.

Sequence Event Triggers

Shabbat Candle – triggered on Friday at sundown adjusted by installer option

Shabbat Havdalah – triggered on Saturday after the emergence of three stars adjusted by the installer option

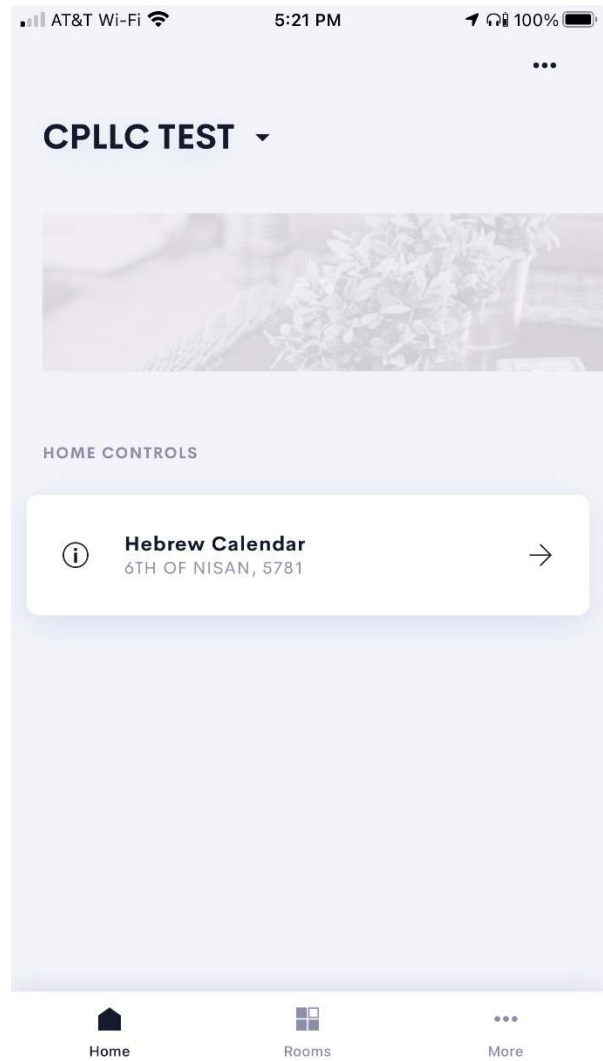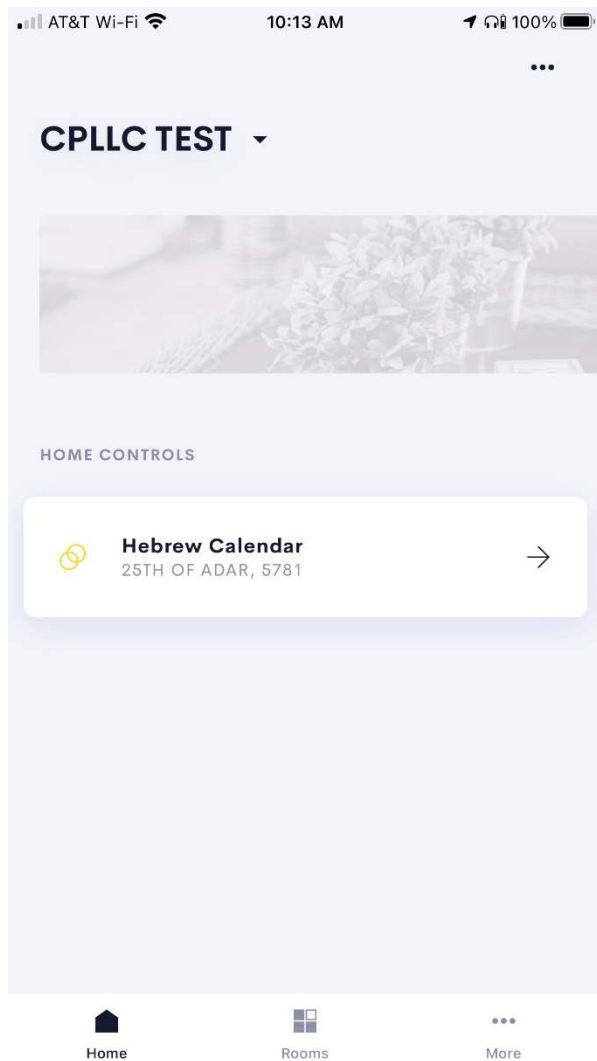**Holiday Candle** – triggered on the holiday start at sundown adjusted by the installer option

Holiday Havdalah – triggered on the holiday end after the emergence of three stars adjusted by the installer option

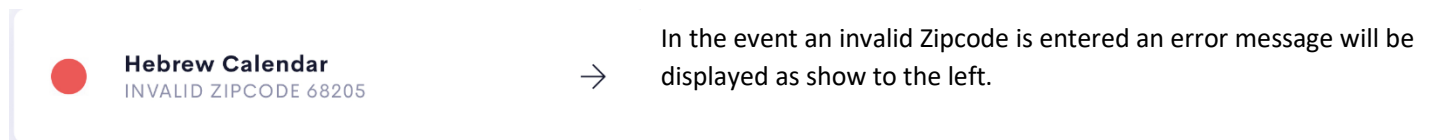**Pesach Candle** – triggered first day of Pesach (Passover) adjusted by Holiday installer option

Sukkot Candle – triggered in addition to the Holiday Candle on Sukkot adjusted by Holiday installer option

Sukkot Havdalah – triggered in addition to the Holiday Havdalah on Simchat Torah adjusted by Holiday installer option.
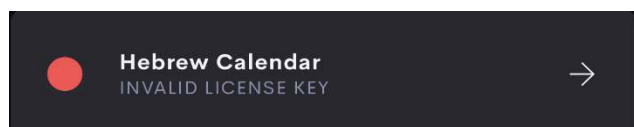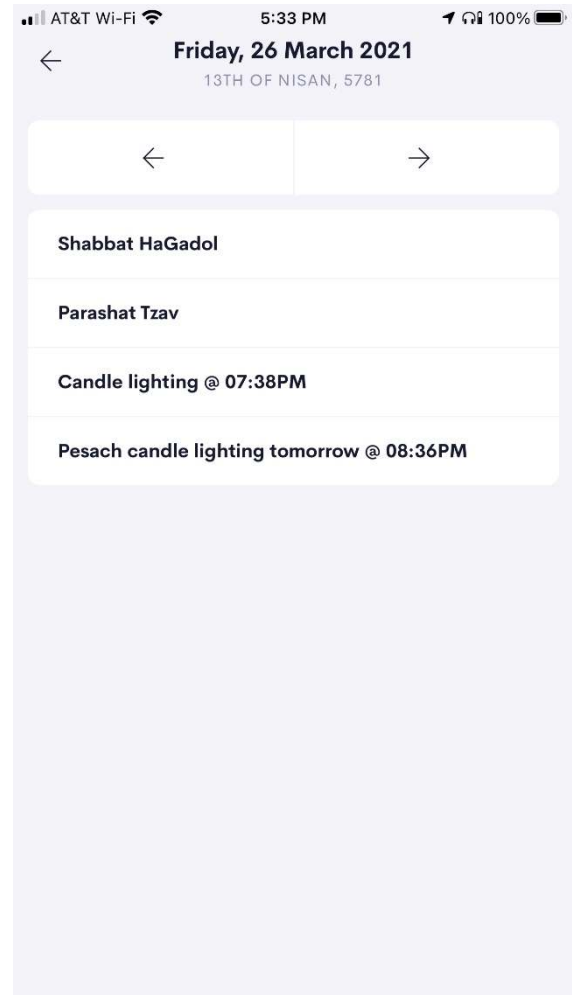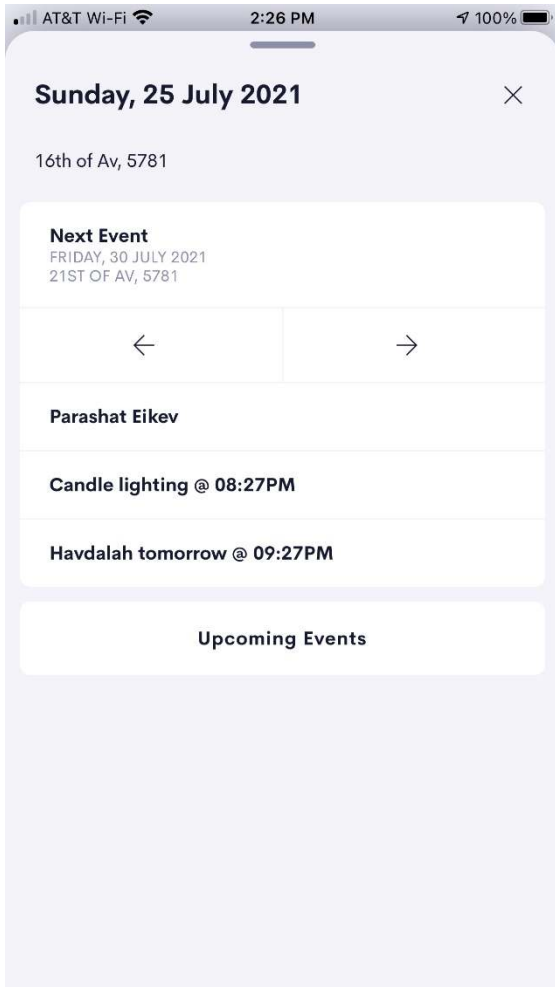
End-User Experience

The above screen shots show the information that is displayed on the home screen. The left screen shot shows a normal day without any Shabbat or Holiday events. The right screen shot shows the information icon when additional information is available to view.

In the event an invalid Zipcode is entered an error message will be displayed as show to the left.

After 2 hours without a valid license key, the screen shot left will result letting the user know there is an invalid license key.

The above screen shots show additional information that is relevant to the specific date. Pressing the Upcoming Events will allow the end user to scroll through up to 3 months of special event dates by the using the right and left arrows in the right screen

Limitations/Known Issues

None known

Supported Features

See above

Test Environment

List the environments where this driver has been tested and any control system firmware versions used.

- Crestron Home v3.005

Supported Models

Not applicable

Contact Information

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- License: https://cpllc.net/?product=hebrew-calendar

Version History

2023-04-04   2.00.006
- Added required CCD SDK JSON fields

2022-12-03   2.00.004p
- Added halachic times to display

2022-08-18   2.00.002
- Bug fixes

2022-07-30   2.00.001
- Converted to License Manager

2021-09-19   1.01.007
- Fixed issue with Shabbat vs Holiday candles

2021-08-25   1.01.006
- Added the capability to display the Hebrew description

2021-07-25   1.01.005
- Improved the error handling of timed out http requests
- Adjusted the detail UI display
- Added enable/disable options

2021-04-09   1.01.002.0001
- Added installer option check box to select either the Sephardic or Ashkenazis transliteration

2021-04-03   1.01.001.0001
- Update licensing to support site license
- Added ability to use latitude/longitude instead of zip code
- Added ability to select Israel holiday names

2021-03-17   1.00.002.0010
- Added the Sukkot Candle and Havdalah events
- Fixed the Pesach Candle event to only fire at the beginning of Pesach (Passover)

2021-03-16   1.00.001.0001

- Initial release

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