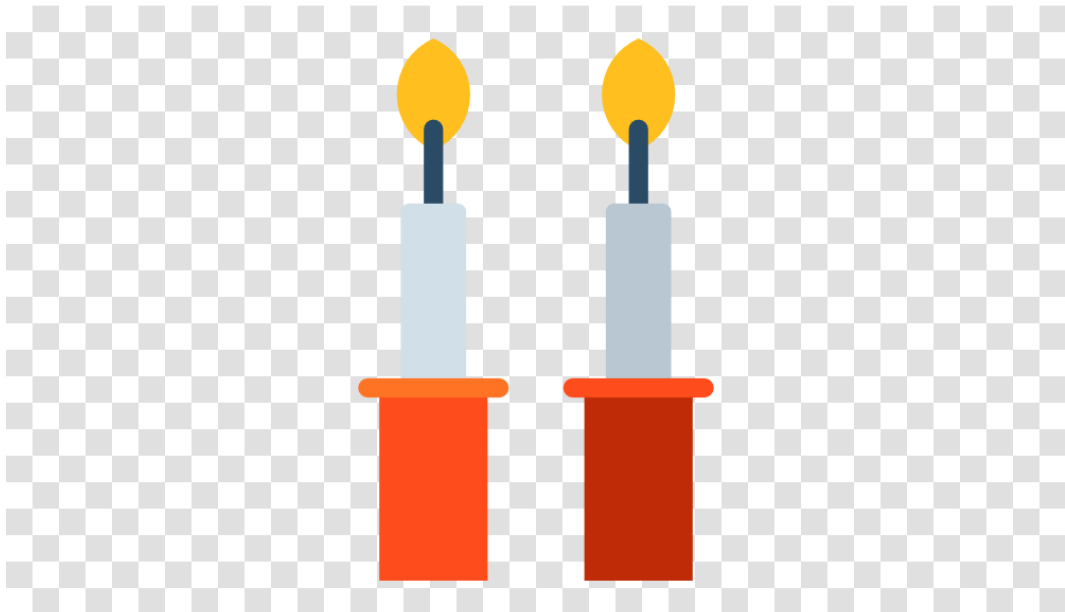


# Installation and Usage Guide



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## Overview

This module can be used to schedule events based on Jewish holidays and candle lighting times. The module can trigger an event based on the time to light candles at the start of the the holiday or shabbat and another event at havdalah.

The events you generate can be offset from the actual time directly in the device event, both before and after the actual time. Using this technique lights could be triggered to come on 30 minutes before Shabbat for example. You can have as many events as you like using this offset method, so you can have events that run across the entire shabbat.

It is also possible to schedule events using event timers. This gives the end user the flexibility of setting the times when the macros should run. In this case there is a TwoWay command that can check if it is a holiday to decide whether or not to trigger your macro.

This module requires the internet to get the candle lighting and havdalah times as well as keeping the internal time accurate.

## Features

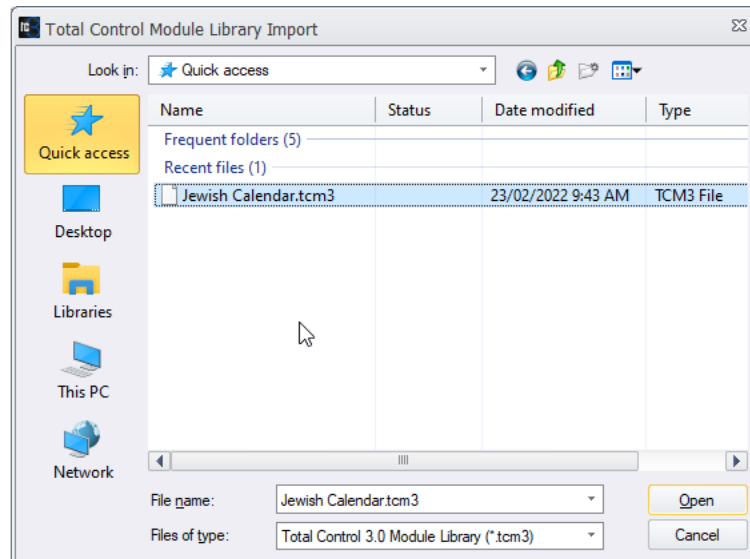
- Automatic detection the URC projects latitude, longitude and timezone information for automatic information gathering.
- Automatic daily update of information from Hebcal.com
- Automatic update of information from Hebcal.com when the system boots up.
- Device event for Candle lighting time with time offset (positive and negative option is available)
- Device event for Havdalah time with time offset (positive and negative option is available)
- Two Way command for checking if its currently Shabbat / Yom Tov. This can be used with Event Timers to allow the client to set the times themselves.

# Installation

To install the module, you will need to do the following

## Import TCM

From the file menu, Import TCM Files



# Add the module to your project

In Step 4. Add Other Drivers. You will need to

## Install Module

Step 1 - select a room for the module

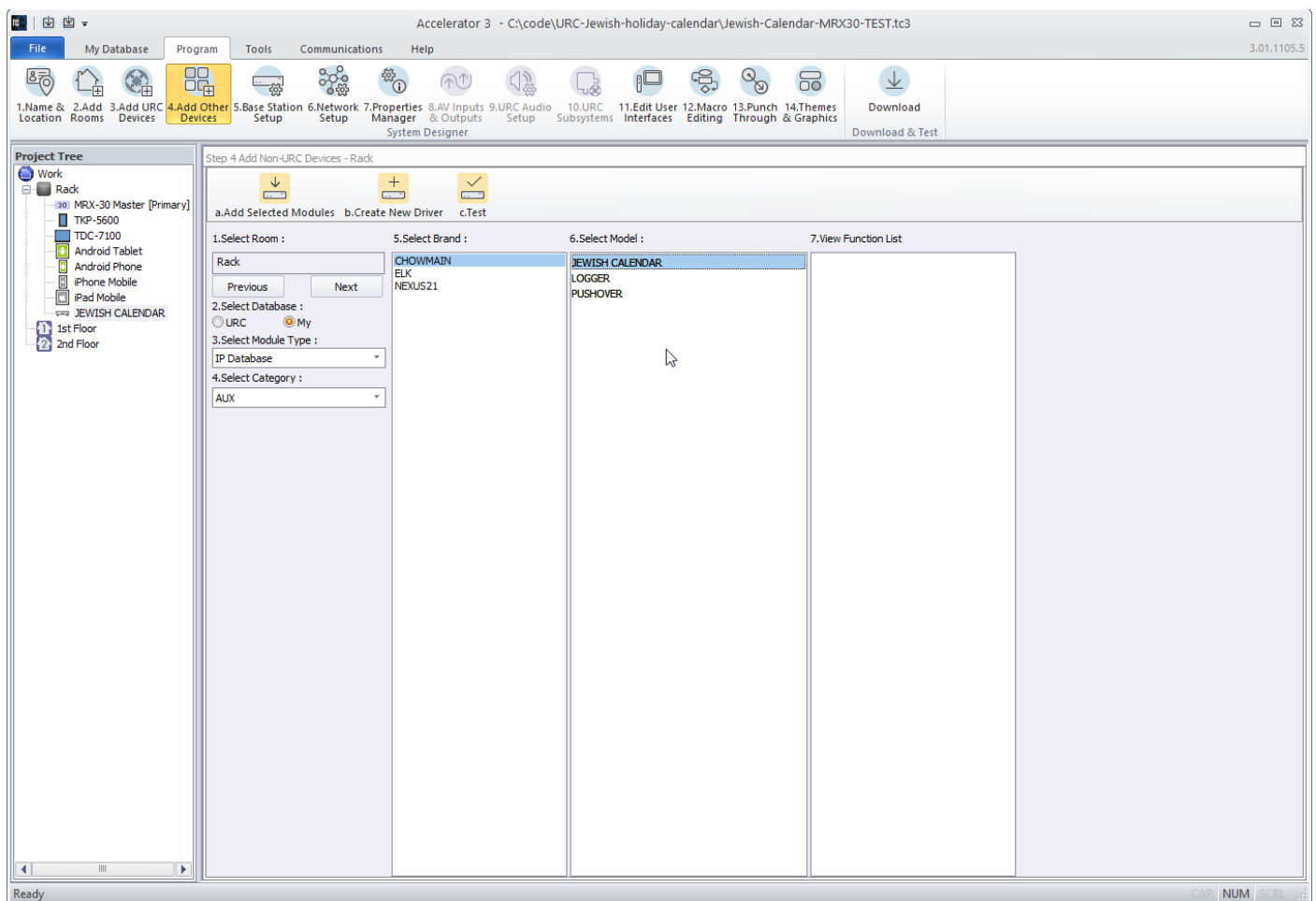
Step 2 - select My

Step 3 - select IP Database

Step 4 - select AUX

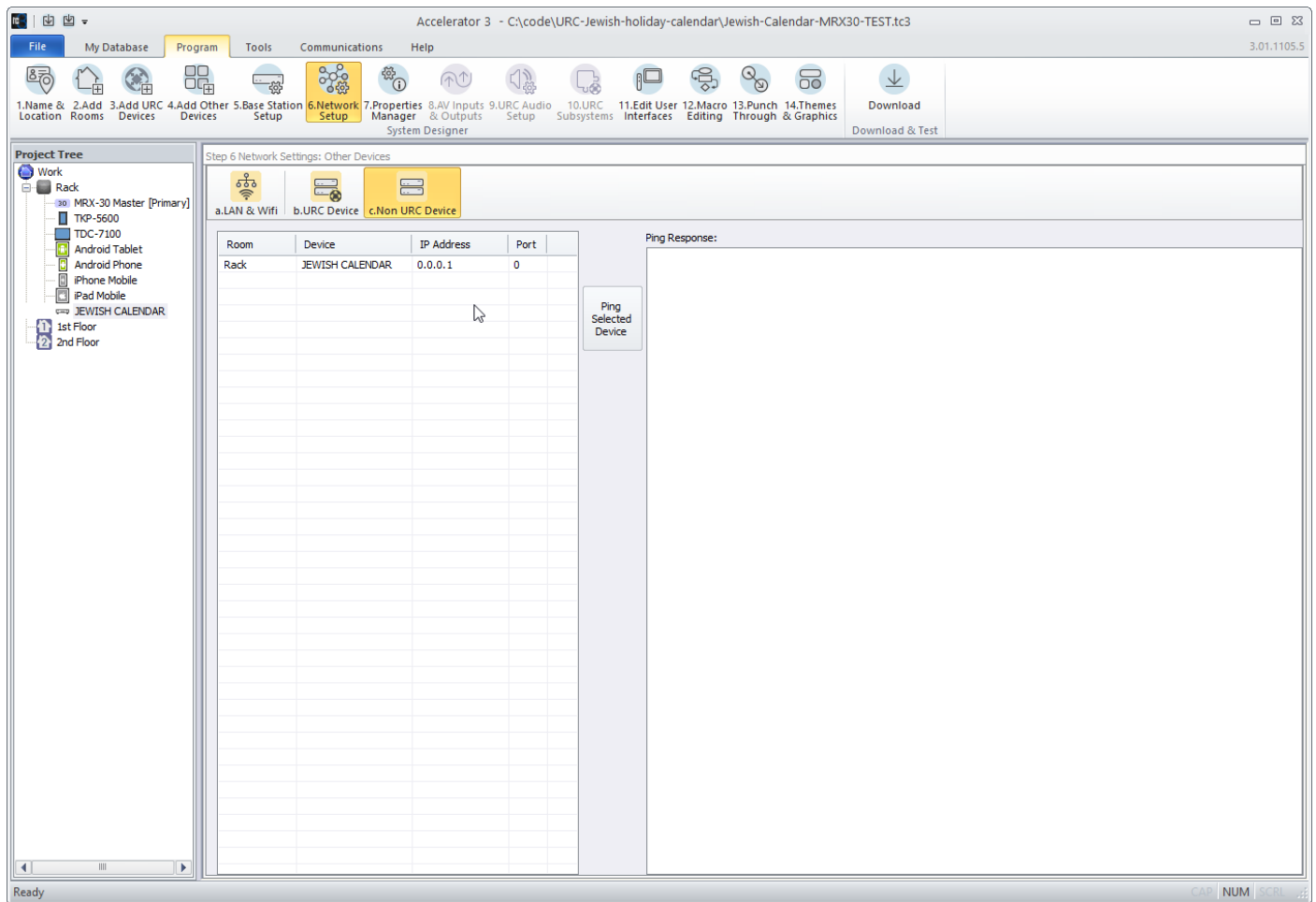
Step 5 - select CHOWMAIN

Step 6 - JEWISH CALENDAR (double click)



## Network Settings

Finally go to Step 6. Network Settings and Choose Non URC Devices. In the IP Address field enter the IP address for the Jewish Calendar. Optionally you can enter a value for the port (if you've require something different from the default) or just leave it on the default - 0.



## System Parameters

The RoomMe module accepts two system parameters, LICENCE and DEBUG.

All system parameters are entered in the following format

KEY=VALUE

The following table details the system parameters that work with this module.

KEY	VALUE
LICENCE	The licence code
DEBUG	Puts the module into its debug mode

### LICENCE

The licence code you were given when you purchased the module. If this is left blank the module will automatically enter a trial period.

### DEBUG

The debug command enables debugging in the module as soon as it starts. Typically this should be omitted from your configuration (or set to off) and only enabled if your asked to do so by tech support.



## Two Way Commands

The \${Jewish Calendar module module has one Two Way Command available. The command let you check if it is currently a holiday or Shabbat and returns a value that you can use in a variable to use in your macros.

This is quite useful for use with event timer macros. Check the examples page for details on how this can be used.

### Is Shabbat / Yom Tov

This two way command can be used to check if it is currently a holiday so you can run macros only when needed. See the examples page for more details.

A 1 is returned if the holiday is active, a 0 if it is not.

The screenshot shows a dialog box titled "2-Way Module Command". It contains the following fields and controls:

- Name :** A text input field containing "Is Holiday?".
- Available Devices :** A dropdown menu showing "HEBCAL [Office]".
- Available Command :** A dropdown menu showing "Is Shabbat / Yom Tov".
- Parameters :** A large empty text area for defining parameters. At the bottom right of this area are "Prev" and "Next" buttons.
- Result :** A section containing a checked checkbox labeled "Save the result : int". Below it is a "Variable:" label followed by a dropdown menu showing "Shabbat [int]" and a "Create Variable" button.
- At the bottom of the dialog are "OK" and "Cancel" buttons.

## Device Events

The Jewish Calendar module has two events, candle lighting and havdalah. In both cases an offset can be applied to the time the event triggers.

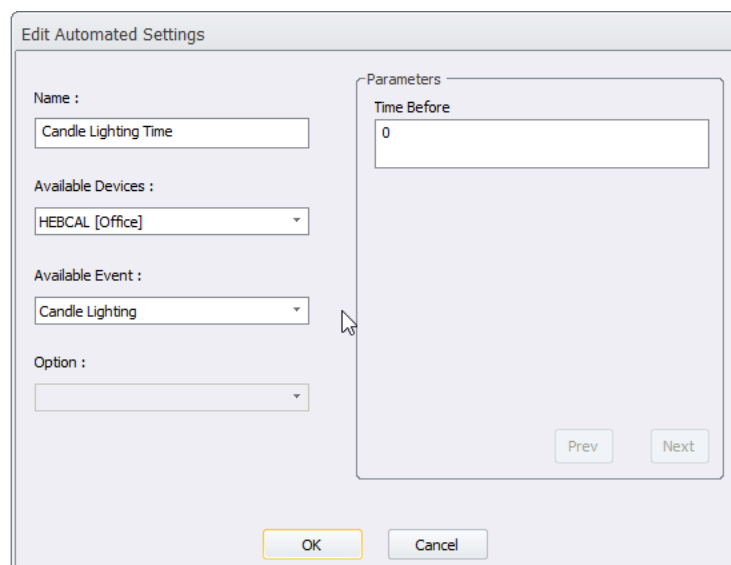
An example might be turning some lights on 15 minutes before the candle lighting time, or closing blinds 30 minutes after the shabbat has started.

If you wish to have events run at a specific time, say turning off bedside reading lights at midnight, then check out the TwoWay command section below.

## Candle Times

The Candle Lighting event triggers when the actual candle lighting time including the offset happens.

For example if candle lighting is at 20:20 and the offset is -15 then the event will trigger at 20:05.



The screenshot shows a dialog box titled "Edit Automated Settings". It contains several fields and buttons:

- Name :** A text box containing "Candle Lighting Time".
- Available Devices :** A dropdown menu showing "HEBCAL [Office]".
- Available Event :** A dropdown menu showing "Candle Lighting".
- Option :** An empty dropdown menu.
- Parameters:** A section on the right containing a "Time Before" field with the value "0".
- Buttons:** "OK", "Cancel", "Prev", and "Next" buttons.

## Havdalah

The Havdalah event triggers when the actual havdalah time including the offset happens.

For example if havdalah is at 18:40 and the offset is 30 then the event will trigger at 19:10.

Edit Automated Settings

Name :

Havdalah

Available Devices :

HEBCAL [Office]

Available Event :

Havdalah

Option :

Parameters

Time After

15

Prev

Next

OK

Cancel