

## Welcome to RadioRA 3!

This guide provides the steps for getting started with setting up a system, including required training, accessing the installation tools, and the design, programming, installation, and post-install processes.



## QUALIFICATION TRAINING

To setup a RadioRA 3 system, installers must pass the required qualification training program. This qualification is an online and self-paced learning plan with a variety of modules designed to help you create experiences that will delight your clients, and provide the technical knowledge needed to successfully install and setup the system. Please allow several hours to complete the training, and at the end you will be asked to pass an exam to complete qualification.

To get started with training, please visit [Lutron.com/LCOnline](https://Lutron.com/LCOnline) and search for RadioRA 3



## ACCESSING THE SETUP SOFTWARE

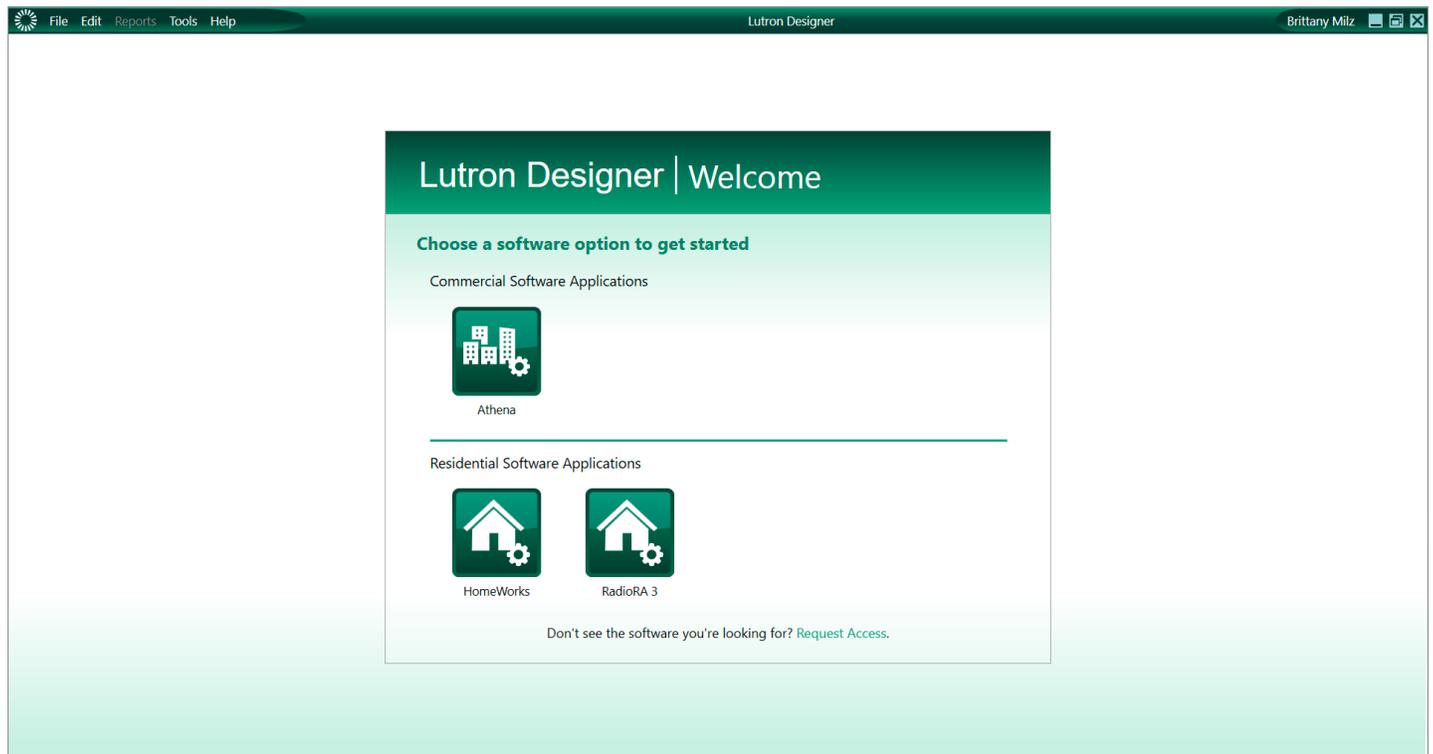
Once you've completed training and passed the qualification exam, follow these steps to access the setup software.

### LUTRON DESIGNER PC SOFTWARE:

- Create a myLutron account [here](#)
- Upon passing the training exam, you will receive an email with instructions to download the software
- Visit myLutron to download the software
- Open the software and login with your myLutron account. RadioRA 3 will automatically appear

### LUTRON APP

- Visit the Apple App store or Google play store to download the Lutron App for iOS or Android
- Open the app and Select Professional Installer
- Login with your myLutron account

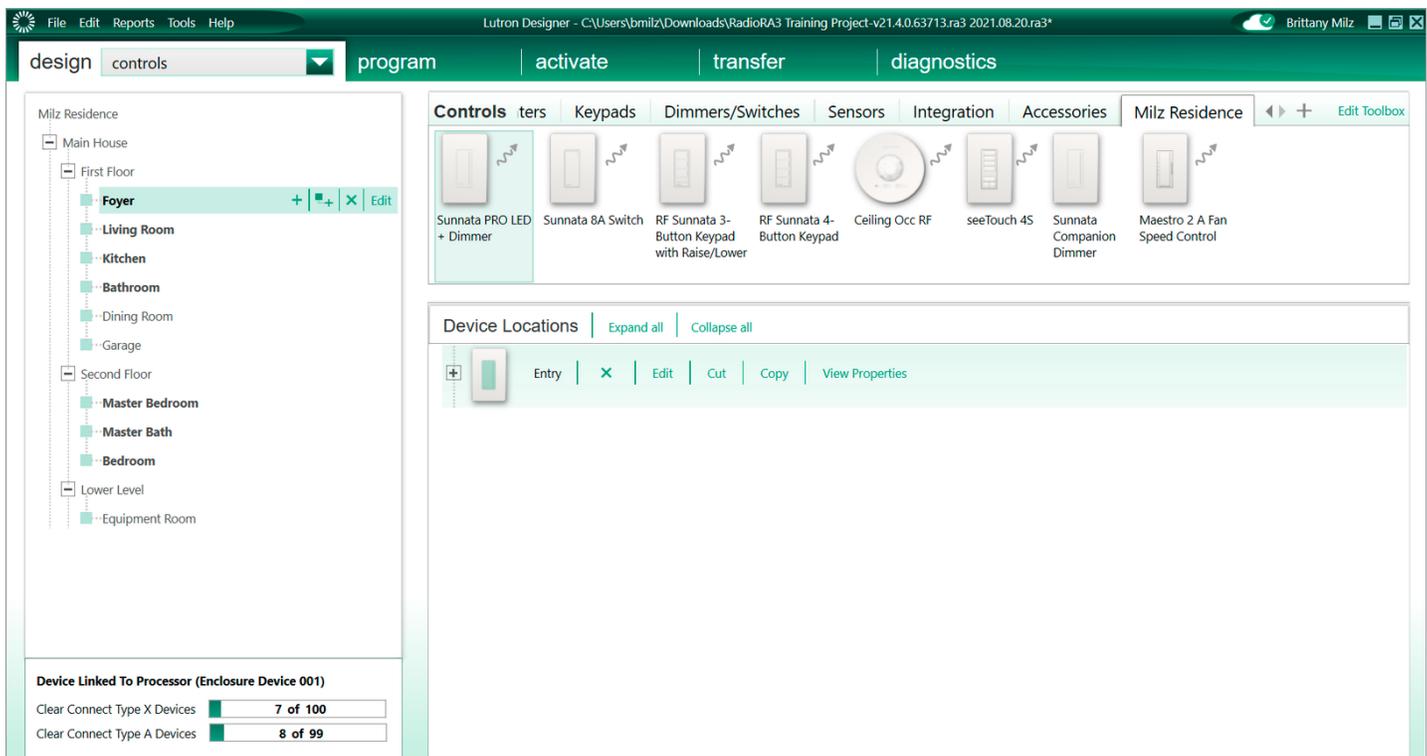


## SYSTEM SETUP

All new projects should get started in the Lutron Designer software:

### DESIGN

- Create the project, and specify project details
- Create areas and rooms where lighting control and shading will be installed
- Add dimmers, switches, keypads, shades, and more for each room
- Specify the exact model number for creating a complete bill of material



## SYSTEM SETUP *continued*

### PROGRAM

- Select the Program tab to define system functionality
- Add programming to keypad buttons to create scenes or toggle control
- Create schedules for automatic control based on time of day
- Configure occupancy events for sensors to have lights automatically turn on and off based on motion

The screenshot shows the Lutron Designer software interface. The top menu bar includes File, Edit, Reports, Tools, and Help. The main window title is "Lutron Designer - C:\Users\bmilz\Downloads\RadioRA3 Training Project-v21.4.0.63713.ra3 2021.08.20.ra3". The interface is divided into several sections:

- Navigation:** design, program (selected), devices, activate, transfer, diagnostics.
- Device Location:** Main House ▶ First Floor ▶ Kitchen ▶ Entry.
- Button Configuration:** Button Number 1, Button Type: Single Action.
- Assignables:** Press, Assignable Items: Show All, Lighting - Zones, in Current Area.
- Item List:**
  - Kitchen (2 of 2 Active Zones, 100%)
    - Downlights (1) (100%)
    - Accent (2) (100%)
- Table:**

Type	Item Description	Setting	Fade	Delay
Lighting - Zones	Main House ▶ First Floor ▶ Kitchen ▶ Downlights	100%	2 s	0 s
Lighting - Zones	Main House ▶ First Floor ▶ Kitchen ▶ Accent	100%	2 s	0 s

## SYSTEM SETUP *continued*

### ACTIVATE

- Switch to the activate tab after devices have been installed, and assign them to the system
- First activate the processor into the system
- Then use the Lutron Designer software to activate Maestro, seeTouch, Picos, sensors, shades, and more into the system

**Activate Devices with the App**

Steps for Activation

- 1. Sync with the System**  
Send project information to the system and get updated activation statuses back from the system.
- 2. Use the Lutron App to activate devices**  
(This step requires Wi-Fi network)
  1. Open the [Lutron App](#)
  2. Sign in as a professional with your myLutron account.
  3. Select system type "RadioRA 3"
  4. If the system has unactivated devices you will be prompted to activate them
- 3. Get Device Status**  
Get updated activation statuses from the system

[Sync with the System](#)

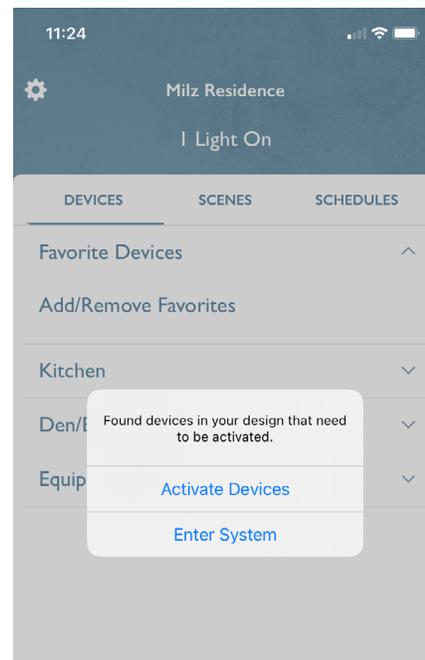
[No Wi-Fi? Sync with the App directly](#)

**Activation Summary**  
Devices 0 of 10

**Selected Link:** ... Link 1 (Clear Connect Type X)

Devices	Type	Serial #	Status	Action
Main House ▶ First Floor ▶ Dining Room ▶ Entry ▶ Device 1 [Downlights-1]	Sunnata PRO LED+ Dimmer	-	-	
Main House ▶ First Floor ▶ Dining Room ▶ Entry ▶ Device 2 [Fan-2]	Sunnata 8A Switch	-	-	
Main House ▶ First Floor ▶ Foyer ▶ Entry ▶ Device 1 [Landscape-1]	Sunnata PRO LED+ Dimmer	-	-	
Main House ▶ First Floor ▶ Kitchen ▶ Backsplash ▶ Device 1 [Accent-1]	Sunnata PRO LED+ Dimmer	-	-	
Main House ▶ First Floor ▶ Kitchen ▶ Backsplash ▶ Device 2 [Downlights-2]	Sunnata PRO LED+ Dimmer	-	-	
Main House ▶ First Floor ▶ Kitchen ▶ Entry ▶ Device 1	Sunnata Keypad	-	-	
Main House ▶ First Floor ▶ Living Room ▶ Entry ▶ Device 1 [Downlights-1]	Sunnata PRO LED+ Dimmer	-	-	
Main House ▶ First Floor ▶ Living Room ▶ Entry ▶ Device 2 [Fan-2]	Sunnata 8A Switch	-	-	
Main House ▶ Second Floor ▶ Bedroom ▶ Entry ▶ Device 1 [Downlights-1]	Sunnata PRO LED+ Dimmer	-	-	
Main House ▶ Second Floor ▶ Master Bath ▶ Entry ▶ Device 1 [Overhead Lights-1]	Sunnata PRO LED+ Dimmer	-	-	

- For Sunnata dimmers, switches, and keypads follow instructions to use the Lutron app to activate these devices into the system



**SYSTEM SETUP** *continued***TRANSFER**

- Lastly, transfer the design and system programming to the processor and activated devices using the Transfer tab in the Lutron Designer software
- Once transfer is complete, test that the system is fully operational

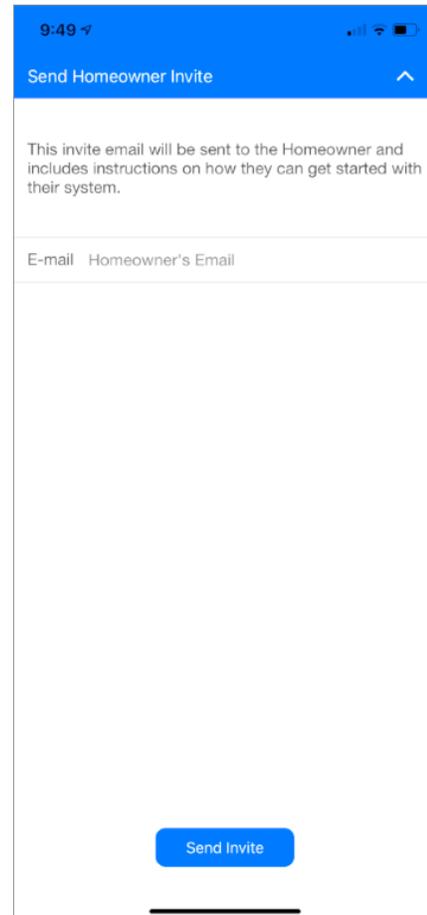
The screenshot shows the Lutron Designer software interface with the 'transfer' tab selected. The interface is divided into several sections:

- Left Panel:** Contains settings for the transfer process, including a date and time field set to 8/25/2021 9:29:17 AM, and radio buttons for 'Force Full Transfer' (set to No) and 'Backup Project Data Automatically on Cloud' (set to Yes).
- Transfer Details - Transfer Successful!:** A central area with a diagram showing a laptop connected to a processor (represented by a circle with a dot) and then to a device (represented by a rectangular box with a screen).
- Transfer Log:** A list of events with timestamps and descriptions, including:
  - 9:27:53 AM Sending request for database transfer status to processor Equipment Room > Processor 001 > Enclosure Device 001
  - 9:27:53 AM Database transfer status - 'Complete' received for Equipment Room > Processor 001 > Enclosure Device 001
  - 9:27:53 AM Request device transfer status
  - 9:27:58 AM Den/Britt's Office/Entry\CSD 001 >> Transfer Complete
  - 9:27:58 AM Kitchen\Sink\CSD 001 [Island Downlights-1] >> Transfer Complete
  - 9:27:58 AM Kitchen\Sink\CSD 002 [Sink Downlight-2] >> Transfer Complete
  - 9:27:58 AM Den/Britt's Office/Side Table\CSD 001 [Den Lamp-1] >> Transfer Complete
  - 9:27:58 AM Performing Post-Transfer Steps...
  - 9:27:58 AM Post transfer steps complete.
  - 9:27:58 AM Transfer Complete
  - 9:27:58 AM Cloud backup completed successfully.
- Bottom Summary:** A green bar with the text 'Last Transfer Summary' and a question mark icon, followed by 'Good: 0 Failure(s) 0 Warning(s)' and 'File Upload To Cloud' with a status of 'Succeeded'.

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**SYSTEM SETUP** *continued***HOMEOWNER ACCOUNT LINKING**

- After setting up the system, the homeowner can create an account and access the system for control and edits using the Lutron app
- In the Lutron App, use the homeowner invite option to email instructions to the homeowner for how to create an account and link to their system
- From the home screen of the Lutron App, the homeowner can simply select *Get Started* and follow instructions to create an account and connect to their system



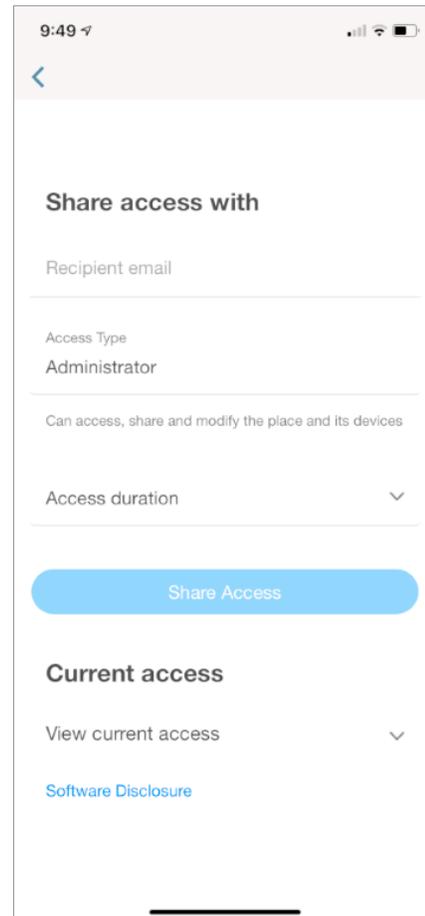
## REMOTE SERVICE

Prior to the homeowner pairing their account with the system, you can share access to the system for setup purposes by sharing the project file.

- Access can only be shared if the project file was created in the Lutron Designer software and saved while internet access was present
- The project will automatically appear in the “My Systems” list within the Lutron App once the processor has been activated. Then the project can be shared using the “Share” functionality in the Lutron App, and also restored from the cloud using the Lutron Designer software.
- With shared access to the system, installers can remotely access the system, make edits, and transfer to the system without having to be on site.

After the homeowner account is paired, the homeowner can share access for providing remote service of the system

- Upon pairing, the homeowner will be notified of anyone (e.g. their installer) that already has remote access to the system
- The homeowner can provide additional remote access by sharing the system with the installer’s myLutron account, and make changes to access all through the Lutron App
- When remote access is not available, installers can still connect to the system locally on site using the Lutron Designer software or Lutron App
- With remote access, installers can:
  - Access the system using Lutron Designer
    - Programming edits
    - Transfer
  - Access the system using the Lutron App
    - Adjust scenes and schedules



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## NEED HELP?

Visit [lutron.com/ra3support](https://lutron.com/ra3support) for:

- Installation guides
- Specifications
- Wiring wizard
- App notes
- FAQs
- Knowledge articles
- and more...