# Discovering & Assigning URC Devices and Assigning IP Address for 3rd Party Devices

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**All Network devices** in a Total Control System **must have** a known **IP address**. URC devices are discovered and assigned through the software. 3rd Party devices are also assigned but the IP address must be known and manually entered in the software.

## To Discover and Assign URC Network Devices in URC Accelerator:

URC Accelerators **Step 6: Network Setup** is specifically for setting up the system network settings, discovering devices, and assigning both URC and 3rd party devices.

### To discover a URC device:

1. Click Step 6: Network Setup and go to the URC Devices sub-step



2. Highlight a URC device in the left available devices list

Room	Device	Mac Address	TP Address	Type
Equipment	MRX-10 Master	00:00:00:00:00:00		DHCP
Equipment	DMS-1200	00:00:00:00:00:00		DHCP
Living Room	TRC-820	00:00:00:00:00:00		DHCP
Master Be	TRC-1080	00:00:00:00:00:00		DHCP

#### 3. Click the **Refresh** button

Room	Device	Mac Address	IP Address	Туре	C	Refresh	Discovered:MRX-10	Mac Address	IP Address	Description
Equipment	MRX-10 Master	00:00:00:00:00:00		DHCP		Assign				
Equipment	DMS-1200	00:00:00:00:00:00		DHCP						
Living Room	TRC-820	00:00:00:00:00:00		DHCP						
Master Be	TRC-1080	00:00:00:00:00:00		DHCP						

The **refresh** button uses the computer to start scanning the Local network. Assure that the computer is plugged into the same router/switch as the TC system and that all networking setup is correct. For more about networking, please see Networking Settings in Total Control

4. The right-side of the screen displays a list of all the available URC devices found during the discovery process. **Highlight** the **URC device to assign** and click **Assign**.

Room	Device	Mac Address	IP Address	Туре	Refresh	Discovered:MRX-10	Mac Address	IP Address	Description
Equipment	MRX-10 Master	00:00:00:00:00:00		DHCP	Assign	MRX-10(Unassigned)	00:1F:B8:2A:01:	192.168.12.90	MRX-10
Equipment	DMS-1200	00:00:00:00:00:00		DHCP	-				
Living Room	TRC-820	00:00:00:00:00:00		DHCP					
Master Be	TRC-1080	00:00:00:00:00:00		DHCP					

Notice the Mac Address and the IP address display on the right side of the screen. If there are multiple of the same device, use the unique MAC address to identify them. There is a MAC address sticker on every URC device.

Room	Device	Mac Address	IP Address	Туре	Refresh	Discovered:MRX-10	Mac Address	IP Address	Description
Equipment	MRX-10 Master	00:1F:B8:2A:01:0A	192.168.12.90	DHCP	Assign	MRX-10 Master	00:1F:B8:2A:01:	192.168.12.90	MRX-10
Equipment	DMS-1200	00:00:00:00:00:00		DHCP					
Living Room	TRC-820	00:00:00:00:00:00		DHCP					
Master Be	TRC-1080	00:00:00:00:00:00		DHCP					

URC always recommends a Static IP address for long term reliability in a TC system. To learn how to set a URC device to Static, please see, Setting A URC Device to Static

 Repeat this process for all URC Devices. If devices are not assigned, they will receive a fail on the download.

#### Assigning an IP Address for a 3<sup>rd</sup> Party Device:

1. Click Step 6: Network Setup and go to the Non URC Device sub-step



2. The window displays a list of the Non URC network devices. For the Master System

Controller to communicate with these devices, the **MSC must know where** they **reside** on the **network**. It is recommended that 3rd party devices also have a Static address in the network. To set a 3rd party device to static, please see the owners manual for that specific device. If the device is a two-way module (sonos, nest) a static address can be utilized by creating MAC reservation in the router.

3. Double-click in the IP Address field, and add the IP address of the specified device

Room	Device	IP Address	Port		Ping Response
Master Bedr	Roku	192.168.1.230	8060		
Master Bedr	Amazon-FTV		1024		
				Pina	
				Selected	
				Device	

4. Optional, but the device can be pinged to assure that it resides on that IP address on the network. Click the **Ping Selected Device** Results can be seen in the window on the right

Room	Device	IP Address	Port		Ping Response:
Master Bedr	Roku	192.168.1.230	8060		Pinging [192.168.12.230] with 32 bytes of data.
Master Bedr	Amazon-FTV		1024	Ping Selected Device	Reply from 192.168.12.230: bytes=32 time=5ms TTL= Reply from 192.168.12.230: bytes=32 time=4ms TTL= Reply from 192.168.12.230: bytes=32 time=3ms TTL= Reply from 192.168.12.230: bytes=32 time=4ms TTL= Ping statistics for 192.168.12.230: Packets: Sent = 4, Received = 4, Lost = 0 (0 % loss) Ping Done

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If you require any additional information or have any questions, please do not hesitate to contact our **technical support** team at **914-835-4484**.