

Setting a URC Network Device to Static

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Network devices can be connected to a network two different ways.

DHCP or Static.

DHCP is a **temporary IP address** given by the router.

Static is a **permanent IP address**.

When setting up Total Control projects, it is highly recommended to use **Static only** for **ALL NETWORK** devices in a Total Control system. Static addressing provides long term reliability and assures that no two devices share the same IP address, also know as an IP Conflict.

To set a URC Network device to static, please follow the steps below:

1. In **Step 6: Network Setup / URC Devices**
2. All **URC network devices** are listed on the left-side of the window. Highlight the device, and click the in the **Type** column.

Room	Device	Mac Address	IP Address	Type	Refresh	Discovered:MRX-10	Mac Address	IP Address	Description
CONF. RO...	MRX-10 Master	00:1F:B8:05:04:09	192.168.4.46	DHCP	Assign				
CONF. RO...	DMS-AV	00:1F:B8:13:06:65	192.168.4.150	DHCP					
CONF. RO...	TRC-1080	00:1F:B8:20:01:B8	192.168.4.58	DHCP					
CONF. RO...	DMS-1200	00:1F:B8:09:08:08	192.168.4.89	DHCP					
CONF. RO...	TKP-2000	00:1F:B8:03:01:B2	192.168.4.98	DHCP					
CONF. RO...	TKP-7000	00:1F:B8:15:06:8B	192.168.4.35	DHCP					
CONF. RO...	SNP-2	00:1F:B8:1A:02:E8	192.168.4.132	DHCP	Pairing				

Room	Device	Address	Version	Refresh	Discovered:	Address
CONF. RO...	THZ-100	00:00:00:00:00:00:00	CHECK	Assign		
				Clear		

3. A window displays the **properties** of the selected **device** (Description, MAC ID and IP Address).

4. **Click the Settings** button.

The screenshot shows a network management interface with a table of discovered devices. A 'Settings' dialog box is open for the MRX-10 device. The dialog box has the following fields:

- Status: Connected
- Description: MRX-10
- MAC ID: 00:1F:B8:05:07:03
- IP Address: 192.168.4.136 (DHCP)

The 'Settings' button is highlighted with a red arrow. The background table shows the following data:

Room	Device	Mac Address	IP Address	Type	Refresh	Discovered:MRX-10	Mac Address	IP Address	Description
CONF. RO...	MRX-10 Master	00:1F:B8:05:07:03	192.168.4.136	DHCP	Assign	MRX-10(Unassigned)	00:1F:B8:05:03:E4	192.168.4.27	MRX-10
CONF. RO...	DMS-AV	00:1F:B8:13:06:65	192.168.4.150	DHCP		MRX-10(Unassigned)	00:1F:B8:05:01:2F	192.168.4.26	MRX-10 @Dyran
CONF. RO...	TRC-1080	00:1F:B8:20:01:B8	192.168.4.138				00:1F:B8:05:04:09	192.168.4.46	Geo-X-10
CONF. RO...	DMS-1200	00:1F:B8:09:08:08	192.168.4.138				00:1F:B8:05:1B:26	192.168.4.138	GeneKevJean
CONF. RO...	TKP-2000	00:1F:B8:03:01:B2	192.168.4.82				00:1F:B8:05:03:B9	192.168.4.82	MRX-10
CONF. RO...	TKP-7000	00:1F:B8:15:06:8B	192.168.4.136				00:1F:B8:05:07:03	192.168.4.136	MRX-10
CONF. RO...	SNP-2	00:1F:B8:1A:02:E8	192.168.4.33				00:1F:B8:2A:1B:...	192.168.4.33	
							00:1F:B8:2A:1A:...	192.168.4.157	MRX-10N (Hopeton)

- In the **Settings**, select **Use the following IP address** option. Enter the IP address desired. Its always good to ping the desired IP address before assigning to ensure an IP Conflict is not created. To ping a device, please see "Pinging Network devices on the Network"

The screenshot shows the 'Settings' dialog box for the MRX-10 device. The 'Network' section has the following options:

- Obtain an IP address automatically
- Use the following IP address

The 'Use the following IP address' option is selected, and the IP address field is highlighted with a red arrow. The IP address field contains '192.168.4.136'. The background table shows the following data:

Room	Device	Mac Address	Address	Version	Refresh	Discovered:	Address
CONF. RO...	THZ-100	00:00:00:00:00:00:00		CHECK	Assign		

- After the IP address is changed, click **Save**. The network device is now set to static.

Note: Be sure to set a **DHCP range** in the router and set all devices to static outside of the DHCP range to avoid any possible **IP conflicts**. It is also possible to set a device to static using a MAC reservation in the router. Please consult the routers manual to perform Static addressing. Do NOT set the device to static using both, Device settings in Accelerator and the MAC address through router. Choose only one.

If you require any additional information or have any questions, please do not hesitate to contact

our **technical support** team at **914-835-4484**.

URC