

Manually Configuring the Advanced (Network) Settings for Gigabit Ethernet-enabled URC Devices

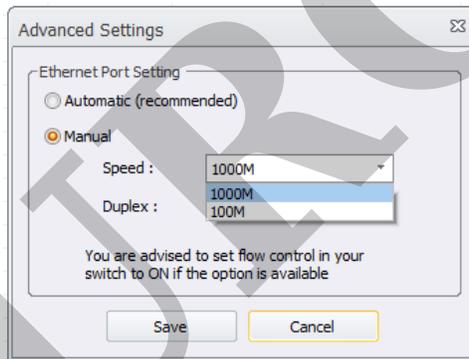
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Specific URC devices connected to advanced networking gear can sometimes cause issues when discovering and/or downloading during the programming process.

If you are having issues discovering a device from within Step 6b: URC Devices, or the device is failing to download, it is possible the network port on the URC device requires manual configuration.

URC Accelerator 3 software provides a new option for configuring the Ethernet port connection configuration for specified URC devices.

This article details the steps when **Manually Configuring the Advanced Settings for Gigabit Ethernet-enabled URC Devices** inside the Accelerator 3 software.



Gigabit Ethernet-enabled Devices

Many URC devices are Gigabit Ethernet-enabled. Generally, these are URC devices newer than 2018.

The table below lists the URC devices that allow for Advanced Settings.

URC Device	Ethernet Port Type	Advanced Settings?	Notes
MRX-5	10/100	No	
MRX-10	10/100	No	
MRX-12	10/100/1000 (Gigabit)	Yes	
MRX-15	10/100/1000 (Gigabit)	Yes	
MRX-30	10/100/1000 (Gigabit)	Yes	
TKP-8600	10/100/1000 (Gigabit)	No	PoE+, 10/100/1000 Gigabit port
TKP-9600	10/100/1000 (Gigabit)	Yes	PoE+, 10/100/1000 Gigabit port

URC Device	Ethernet Port Type	Advanced Settings?	Notes
TDC-9100	10/100/1000 (Gigabit)	Yes	PoE+, 10/100/1000 Gigabit port
HDA-SW5	10/100/1000 (Gigabit)	No	Gigabit-enabled port is required
HDA-130	10/100/1000 (Gigabit)	No	Gigabit-enabled port is required
HDA-1600	10/100/1000 (Gigabit)	No	Gigabit-enabled port is required
HDA-4100	10/100/1000 (Gigabit)	No	Gigabit-enabled port is required
HDA-8100	10/100/1000 (Gigabit)	No	Gigabit-enabled port is required
HDA-IO	10/100/1000 (Gigabit)	No	Gigabit-enabled port is required

Manually Configuring the Advanced Settings

1. In the Accelerator software, Step #6b > Network Setup > URC Device, select the compatible URC device, then click on the **DHCP** (or Static) word under Type:

Accelerator 3 - C:\Users\jzlj\Google Drive\URC

Communications Help

6. Network Setup 7. Properties Manager 8. AV Inputs & Outputs 9. URC Audio Setup 10. URC Subsystems 11. Edit User Interfaces 12. Macro Editing 13. Punch Through & Graphics 14. Themes & Graphics

System Designer

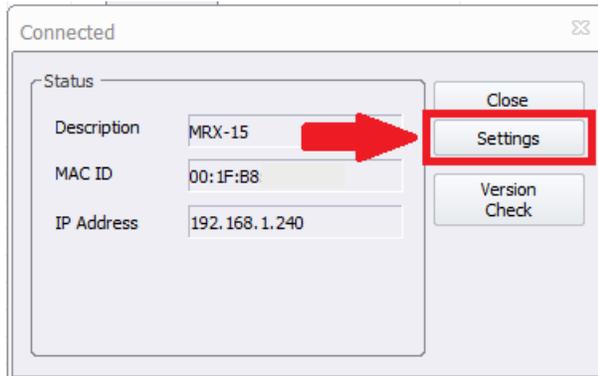
Step 6 Network Settings: URC Devices

a. LAN & Wifi b. URC Device c. Non URC Device

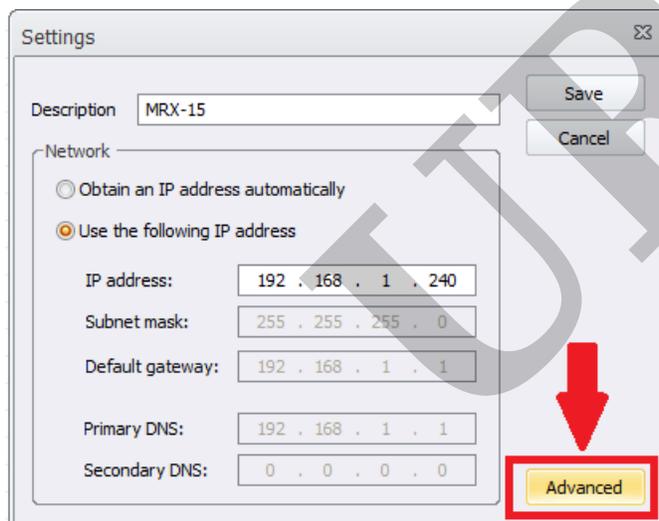
Room	Device	Mac Address	IP Address	Type
Office	MRX-15 Master	00:1F:B8	192.168.1.103	Static
Office	HDA-IO	00:00:00:00:00:00		DHCP
Office	HDA-SW5	00:1F:B8:46:00:D4	192.168.1.103	
Office	HDA-4100	00:00:00:00:00:00		DHCP
Office	HDA-130	00:00:00:00:00:00		DHCP
Office	HDA-1600-70V	00:00:00:00:00:00		DHCP
Office	HDA-IO (input)	00:00:00:00:00:00		DHCP
Office	HDA-8100	00:00:00:00:00:00		DHCP

Refresh Assign Set Device Network Option

2. A new window will open showing the selected connected device options. Click on the **Settings** button as shown below.



3. After you click the Settings button, a new window will open displaying the Settings options. Click the **Advanced** button to proceed as shown below.



4. The **Advanced Settings** window will appear. You will now have the options available for that device. Automatic (recommended) will work in many situations. However, depending upon the network switch or network switch settings, you now can select **Manual** and choose your desired settings.

Speed: The choices are **100M** or **1000M**

100M refers to 100Mbps (Megabits per second) and is often referred to as "Fast Ethernet"

1000M refers to 1000Mbps (Megabits per second) and is often referred to as "Gigabit Ethernet"

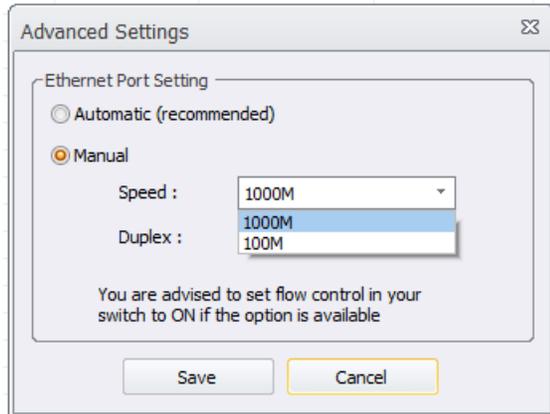
Duplex: The choices are **Full** or **Half**.

In most cases, this should be set to Full.

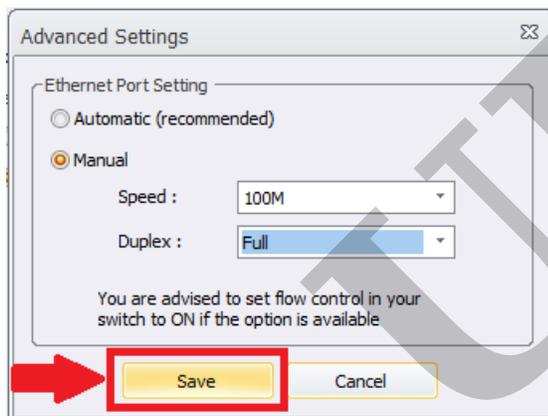
Full-Duplex is a mode of communication in which data is simultaneously transmitted and received between stations. Full-duplex communication is twice as fast as **half-duplex communication**, and typically uses two separate pairs of wires for supporting simultaneous transmission and reception

by a host.

Note: This setting applies only when using the 100M speed option.



5. After making the desired changes, click on the Save button to save and apply your changes. The device may take a moment to apply the changes.



Additional Information & Resources:

To learn more about Accelerator 3 configuration and programming, please see the Accelerator 3 online [Programming Guide](#).