Ethernet Connection Options for Stream/Stream2/E1X/EX/Black

There are several ways to connect these products to your local Ethernet network:

Ethernet cable to local Ethernet port. You can use this for short runs of Ethernet cabling. We have found that sound quality can be affected by the quality of the Ethernet cable, with very well-shielded audio grade cables offering improvement on the last run of cable to the audio system.

Ethernet cable to an Ethernet Over Powerline (EOP) module. Powerline modules use the house power line wiring to transmit network data between rooms. One module is plugged directly into a wall power outlet near the router, with an Ethernet cable connected from the module to the router. The second module is plugged directly into a wall outlet near the audio system, with an audio grade Ethernet cable connected from the module to the Ethernet port on the renderer.

USB/Wi-Fi adapter. The USB-A port on our equipment can be used with specific USB/Wi-Fi adapters to connect directly to the Wi-Fi signal of your router. Either a 2.4G or dual 5G/2.4G adapter can be used with the latest 3.7.49 or higher renderer firmware. Make sure you have first updated the renderer firmware in your equipment. See the User Guide for instructions. These adapters work very well and sound as good or better than the best Ethernet cables. It is critical to have a good Wi-Fi signal in the listening room. We recommend using an adapter with an external antenna. Two suitable adapters are listed below.

Connection of the renderer to the Wi-Fi network is performed by using the Settings menu within the Seek (iOS) or mconnect Control (Android) application. First ensure that the renderer is connected to the router with an Ethernet cable. Then select your Wi-Fi network and enter its password. Once your renderer is authenticated with your Wi-Fi network, you can remove the Ethernet cable and the renderer will connect automatically to your network. In an environment with many local Wi-Fi networks, it can be advantageous to use a 5G connection to avoid interference.

If you need access to an additional USB-A port to stream music files, you can use a USB 2.0 hub to expand the USB bus.

Stream and earlier units using the ConversDigital 2121 ethernet module (this number is seen in the module S/N using the Seek app Device Setup menu CDM2121 is the prefix):

2G adapters must use the Ralink RT5370 chipset.

Dual Band 5G/2.4G adapters must use the Realtek RTL8811AU chipset and require V3.7.49 or later renderer firmware.

Stream2 and 2023 or later models using the 4140 ethernet module(this number is seen in the module S/N using the Seek app Device Setup menu CDM4140 is the prefix):

CDM4140 supports Realtek’s RTL8811AU, RTL8811CU and RTL8812BU chipsets.

For Seek and MConnect Control for Android Users

Following are step-by-step instructions to connect to Wi-Fi using the Seek IOS or Mconnect Android application. You will need to have the USB WiFi dongle installed in the USB-A port and an Ethernet cable attached to your router (Green and Yellow LEDs lit):

1. From the Apple App store install Seek for iPhone or one of the MConnect Control Apps (for iPad)
2. From the Google Play Store, install Mconnect Control for either the Cell Phone or Tablet
3. Open the app.
4. Tap Play to.
5. In the Devices list, tap the name of your renderer.
6. Tap Player.
7. Tap the Settings icon at the top-left corner of the app.
8. Tap Device Setup.
9. Tap the name of your renderer
10. You will see a screen similar to the one at the RIGHT→
11. Tap WiFi Network Selection.
12. Tap the name of your network. If you do not see any networks listed, you have a problem with your Wi-Fi adapter. If you see the names of networks in your area, but not your own, you have a problem with your Wi-Fi signal.
13. Enter the password for your Wi-Fi network connection, and then tap Join this Network.
14. Tap OK to dismiss the Notice.
15. You should now be connected to your network by Wi-Fi.
16. Remove the Ethernet cable and restart the device.