Device Hardware Address

A device's "hardware" address, also called **physical** address, **ethernet** address, **wireless MAC** address or just **MAC** (Media Access Control) address, is a 6-part number/character designation that uniquely identifies the network interface of the device. Each part of the address is two characters in length, using only the numbers 0 – 9, and the characters A – F, in any combination. Each two-character segment is separated by a hyphen or colon. For example, such an address might be:

1e:32:ad:f4:55:99 OR **1e-32-ad-f4-55-00**

In order to connect a device to the CMU wired network, or the CMU wireless network, you will need to obtain the hardware address of the device and register that address. Keep in mind that a device can have either an Ethernet connection, a WiFi connection, or both. You need to decide which connection you want to use, identify the hardware address for the given connection, and then register that hardware address on the network.

Listed below are instructions for locating the hardware addresses of popular media streaming devices and gaming consoles. These instructions are provided as a courtesy to Colorado Mesa University users. Colorado Mesa University does not provide support for these devices. If you are unable to find the Ethernet address using the methods described below, or your device is not included in this list, you will need to contact the manufacturer of your device for assistance in obtaining this information.

Device Name	Steps to Follow to Obtain Hardware Address
Apple TV	1. Go to the main menu on your Apple TV, and select **Settings**. 2. In the Settings Menu, select **About**. 3. Look for the MAC address of the connection you want to use. Either **WiFi Address** or **Ethernet Address**.
Roku Player	1. From the Roku home screen, select **Settings**, **Network**, **About**. The **WiFi MAC** address will be listed on-screen.
Amazon **fire tv stick 4K**	1. From home screen, select Settings. 2. Select Device. 3. Select About. 4. Select **Network**. **MAC Address** will appear to the right.
Smart TV/Blu-ray Player	1. This will vary by model and manufacturer. Generally look for a **Settings** Menu. 2. Then look for **Network** or **About** sections, and look for the **Ethernet address**, or **WiFi address**. 3. Alternatively search your device manufacturers' web site for instructions on obtaining the hardware address for your device's Ethernet or WiFi port.
Microsoft Xbox One	1. Go to **Xbox** in the **Xbox Dashboard**. Select **Settings**. 2. In the Settings pane, select **Network**. 3. Select **Advanced Settings**. 4. Choose from **Wired MAC** and **Wireless MAC** address on this screen.

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Microsoft Xbox 360	1. From the **Main** menu, select **System**. 2. Select **Network Settings**. 3. Select either **Wired Network** or **Wireless Network**. 4. Select **Configure Network**. 5. Select **Additional Settings** and then select **Advanced Settings**. 6. The **MAC address** will be shown.
Microsoft Xbox	1. Turn on the Xbox with no disk in the drive to access the dashboard. 2. From the **Main** menu select **Xbox Live**. 3. Choose **Network Settings** from the **Xbox Live** menu. 4. The Ethernet address is located in the bottom, right corner of the **Network Settings** screen.
Nintendo Switch	1. From main screen, choose **Settings**. Next, select **Internet**. 2. On the right, you will see the MAC address.
Nintendo Wii U/Wii	1. On your Wii U GamePad, go to the Wii U **Menu** and select **System Setting**. 2. Choose the option **Internet**. 3. Select **View MAC Address**. This is for the built-in WiFi adapter.
Nintendo Gamecube (Must have optional Broadband Adapter)	1. Gamecube did not come with WiFi. If you have already installed your broadband adaptor, remove it from the bottom of the Gamecube. 2. The Ethernet address is printed on the bottom of the adaptor.
Sony PlayStation 4	1. Select the **System** icon under the **Settings** menu. 2. Select **System Information**. 3. You will see both the **MAC Address (LAN Cable)** and MAC Address (Wi-Fi) listed on this screen.
Sony PlayStation 3	1. Go to Settings. Select System Settings and scroll down to select Network Settings. 2. Select Settings and Connection Status List. 3. Locate the MAC address for your preferred connection type.
Sony PlayStation 2 (New Slim PS2)	1. Turn on the PS2 with no disk in the drive. 2. Press the **green triangle** button to view the **Version Information**. 3. The MAC address should be listed near the bottom of the screen.

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Sony PlayStation2 (Original PS2)	1. Install the **PS2 Network Adaptor**. Turn on the PS2 and insert the **Network Adaptor Startup** disc. Once the menu has appeared, press **X** to enter the **ISP Setup**. Once it has loaded, press **X** to continue. 2. Your PS2 will search for the network adapter. After the network adapter has been found, press **X** to continue. Press **X** again to continue. 3. Wait while the data is accessed, then select **New**, and then press **X** to continue. 4. Type a name for your ISP setting, such as "Colorado Mesa University". 5. When asked if you **currently subscribe to an ISP service**, select **Yes** and press **X** to continue. For connection type, choose **High speed connection (cable or DSL)** and press **X** to continue. 6. Select **Automatic Settings** and press **X** to continue. When asked if **your ISP requires a User ID and Password**, select **No** and press **X** to continue. 7. When asked if **your Internet Service Provider requires you to input a DHCP Host Name**, select **No**. Unplug your network cable from the PS2, and press **X** to continue. 8. The network connection test will fail. Do not press **X** or **Triangle**. Press **Select** to see the error message. The error message will display the hardware Ethernet address.