TiVo Home Network Settings (MoCA)- Article no. 1861

Introduction

TiVo Connection Types

- **Ethernet + MoCA:** TiVo 4 tuner or 6 tuner is connected directly to a router; **Originating MoCA** signal

- **MoCA Connection:** MoCA client; **not originating MoCA** signal, but using it; not connected to a router

- **Ethernet Connection:** 2 Tuner TiVo **will always say Ethernet Connection**

  - 2 Tuner TiVos don't understand the MoCA signal, but the **ECB** (Ethernet to Coax Bridge) does

    - The ECB is used to connect TiVo to Internet services when the TiVo is not directly connected to the router

  - The 2 tuner TiVo detects the **Ethernet** connection to the **ECB**

  - The **ECB** is **always** configured for **MoCA**, the 2 Tuner TiVo just needs Ethernet turned **on**

Resolution Steps

TiVo 4 Tuner Originates MoCA

1. Ensure the TiVo is **connected to the router via Ethernet cable, review MoCA diagrams if needed**

2. Go to **TiVo Central | Settings & Messages | Settings | Network (see steps)**

3. If your **TiVo connection Type** (see above) is correct, no further action is

needed

- If incorrect, go to **Change Network Settings**

4. Select **Modify Ethernet Settings**

5. For **IP Address Settings**, choose **Get Automatically from a DHCP Server (typical)**

6. If you get a **DHCP Client ID**screen, choose **No**

7. The TiVo takes a moment to configure the network settings, then displays **Your TiVo Box will begin using your new network settings**

- Press **Select** to continue

8. Back on the **Network Settings** page, select **Change Network Settings**

9. Select **Connect Using MoCA**

10. Select **Yes, Turn on MoCA**, choose the following

- **MoCA Enabled** : Yes

- **MoCA Channel**: Auto

- **Encryption Key**: None

11. Select **Use these Settings**

12. For **IP Address Settings**, choose **Get Automatically from a DHCP Server (typical)**

13. The TiVo takes a moment to configure the network settings, then displays **Your TiVo Box will begin using your new network settings**

- Press **Select** to continue

TiVo 4 Tuner or TiVo Single Tuner as a MoCA Client

1. Ensure the TiVo is **not connected to the router via Ethernet cable, review MoCA diagrams if needed**

2. Go to **TiVo Central | Settings & Messages | Settings | Network (see steps)**

3. If your **TiVo connection Type** (see above) is correct, no further action is needed

    ○ If incorrect, go to **Change Network Settings**

4. Select **Connect Using MoCA**

5. Select **Yes, Turn on MoCA**, choose the following

    ○ **MoCA Enabled** : Yes

    ○ **MoCA Channel**: Auto

    ○ **Encryption Key**: None

6. Select **Use these Settings**

7. For **IP Address Settings**, choose **Get Automatically from a DHCP Server (typical)**

8. The TiVo takes a moment to configure the network settings, then displays **Your TiVo Box will begin using your new network settings**

    ○ Press **Select** to continue

TiVo 6 Tuner Originates MoCA

1. Ensure the TiVo is **connected** **to the router via Ethernet cable,** **review MoCA diagrams if needed**

4K 6 Tuners, 6 Tuners , 4K Minis,

and

Minis

on

TiVo Experience 4

- Go to **TiVo Home |** left arrow to **Menu | Settings | Network Settings (see steps)**

- Your **TiVo connection Type** is listed right in the **Change Network Settings** line

    - If your **TiVo connection Type** (see above) is correct, no further action is needed

    - If incorrect, select **Change Network Settings**

- Your **Ethernet Setting** is listed right in the **Modify Ethernet Settings** line

    - If your **Ethernet Setting** is set to **(ON)**, no further action is needed

    - If incorrect, select **Modify Ethernet Settings**

- Turn **Ethernet** connection **on**

- For **IP Address Settings**, choose **Get Automatically from a DHCP Server (typical)**

- If you get a **DHCP Client ID** screen, choose **No**

- The TiVo takes a moment to configure the network settings, then displays **IP Address Setup Complete**, select **OK**

- Back on the **Network Settings** page, select **Change Network Settings**

- Select **Connect Using MoCA**

- Select **Set up as Bridge** and use these settings:

    - **MoCA Channel Settings**: Auto

    - **MoCA Encryption**: No Encryption

- Select **Use these Settings**

- For **IP Address Settings**, choose **Get Automatically from a DHCP Server (typical)**

- The TiVo takes a moment to configure the network settings, then displays **IP Address Setup Complete**, select **OK**

TiVo Mini, single Tuner, or TiVo 6 Tuner a MoCA Client

1. Ensure the TiVo is **not connected** to the router via Ethernet cable, **review MoCA diagrams if needed**

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TiVo Experience 4

- Go to **TiVo Home |** left arrow to **Menu | Settings | Network Settings** **(see steps)**

- Your **TiVo connection Type** is listed right in the **Change Network Settings** line

  - If your **TiVo connection Type** (see above) is correct, no further action is needed

    - If incorrect, select **Change Network Settings**

- Select **Connect Using MoCA**

- Select **Set up as Client** and use these settings:

  - **MoCA Channel Settings**: Auto

  - **MoCA Encryption**: No Encryption

- Select **Use these Settings**

- For **IP Address Settings**, choose **Get Automatically from a DHCP Server (typical)**

- If you get a **DHCP Client ID** screen, choose **No**

- The TiVo takes a moment to configure the network settings, then displays **IP Address Setup Complete**, select **OK**

Internal Information

Please note: If you get an error when setting up the network, you will need to **Troubleshoot TiVo Network**

Be aware that some **All In One devices** can also originate MoCA. You can turn this ability **On** in Merlin, but you must **make sure that the Host TiVo is not originating MoCA**, and just a **client**. Otherwise, the devices will compete with each other and the MoCA connection will not work correctly.