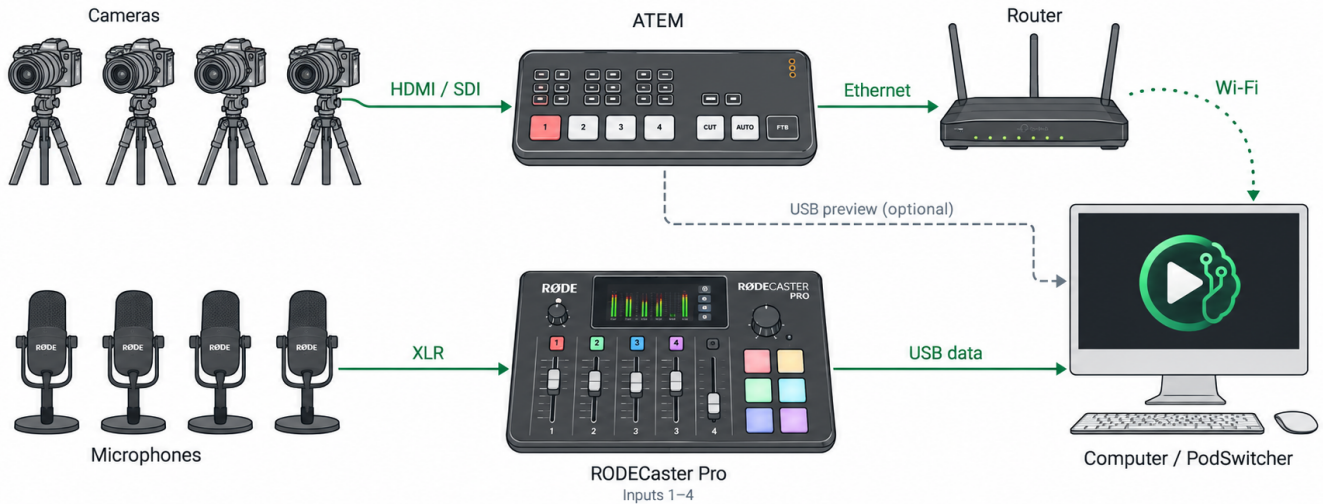


Connect your studio

ATEM + RODECaster Pro | Getting started

Studio connection guide



Keep Ethernet connected for switching. Use USB preview if video over IP is unavailable.

Camera video: connect each camera to an ATEM input. Use HDMI on ATEM Mini models, or SDI on an ATEM with SDI inputs.

Camera control: connect ATEM Ethernet to your router. The computer running PodSwitcher can join that router over Wi-Fi or Ethernet.

Speaker detection: connect microphones to RODECaster XLR inputs 1-4, then connect the mixer to the computer using a USB data cable.

Video preview: use Ethernet video on a supported ATEM. If unavailable, connect its USB webcam output to the computer. Keep Ethernet connected for switching. Use HDMI capture if your model has no USB webcam output.

Equipment illustration. Follow the next pages to find the ATEM IP address, assign microphone channels and test the setup.

1. Find your ATEM IP address

You need this number to connect the ATEM to PodSwitcher.

1 Plug in Ethernet

Connect ATEM CONTROL (Ethernet) to your router. Your computer can join the same router by Wi-Fi or Ethernet.

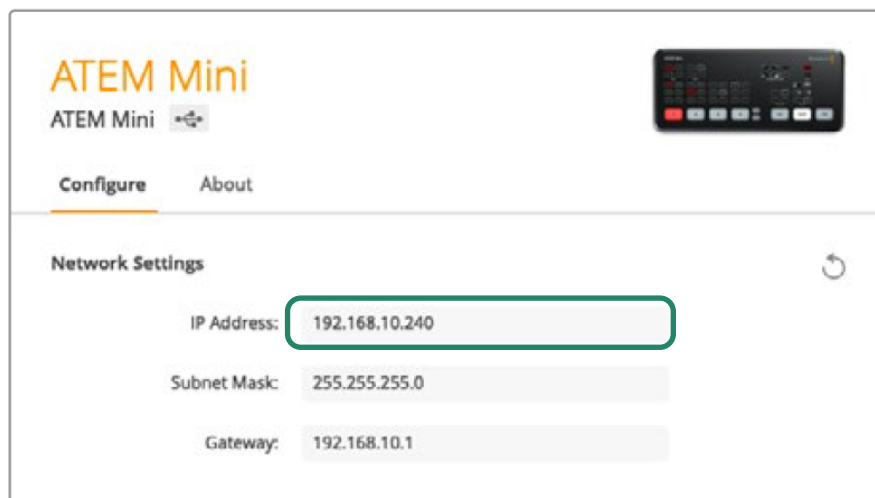


ATEM CONTROL: connect this Ethernet port to your router.

ATEM Mini shown. Photo: [Blackmagic Design](#). Your ports may look different.

2 Find the IP address

Open your router's connected-device list and look for **ATEM** or **Blackmagic**. Copy its IP address. If **ATEM Setup** detects the switcher over your network, you can also read **Network Settings > IP Address**, as shown below.



Write down your IP.

This picture shows
192.168.10.240.

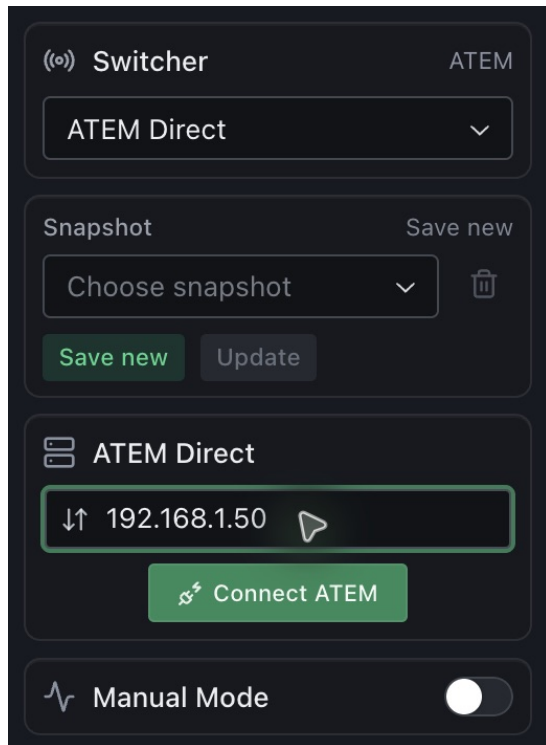
Use the number shown on **your**
ATEM.

ATEM Setup manual illustration. If the switcher is not detected, ask your network administrator to check its address and subnet.

Use your own IP address. Keep ATEM on Ethernet; your computer can use Wi-Fi on the same router.

2. Connect ATEM in PodSwitcher

Type the address you found in ATEM Setup.



1. Choose **ATEM Direct** in the left sidebar.

2. Type your ATEM IP in **Switcher IP**.

3. Click **Connect ATEM**.

When connected, the button changes to **Disconnect ATEM**.

The address in this screenshot is an example. Use your own.

Check the cameras: in Settings, match your ATEM model/camera count. Camera 1 corresponds to ATEM input 1, Camera 2 to input 2, and so on. In Monitor, turn Manual Mode on and click a camera to check the ATEM changes shots.

Cannot connect? Recheck the IP address and Ethernet cable. Your computer can use Wi-Fi on the same router. Avoid guest Wi-Fi and allow local-network access when prompted.

3. Connect RODECaster + test

These channel numbers are for the original RODECaster Pro.

1 Connect the mixer to your computer

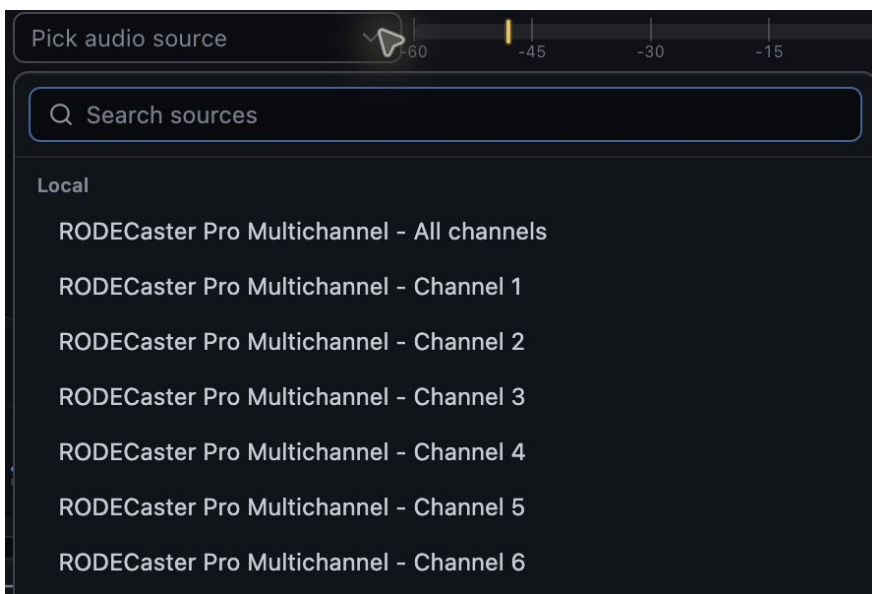
Plug each microphone into a separate XLR input on the RODECaster. Power the mixer and connect its USB port to the computer with a USB data cable.

2 Turn on USB multitrack

On the RODECaster: **Settings > Advanced > Audio > Multitrack > USB**. Allow PodSwitcher microphone access when prompted.

3 Choose the microphone for each camera

In PodSwitcher **Setup**, click **+ Audio Channel**, then **Pick audio source**. Choose an individual RODECaster channel, as shown below.



Microphone inputs

Mic 1 = **Channel 3**

Mic 2 = **Channel 4**

Mic 3 = **Channel 5**

Mic 4 = **Channel 6**

Channels 1-2 are the stereo mix.
Avoid **All channels** for speaker detection.

Test it: speak into each microphone one at a time. Confirm the matching camera meter moves. Set Threshold above room noise but below normal speech. Keep speaker cameras set to Speaker.

4. Test and save your setup

A quick check before your first session.

1 Turn automatic switching on

Keep ATEM connected. Turn **Manual Mode off**. Speak into each mic in turn and confirm the ATEM selects the correct camera.

2 Save your setup

Click **Save new** under Snapshot and give the setup a name. Use **Update** when changing that saved setup.

3 Connect the video preview

Open **Monitor**. Supported ATEMs (Mini Pro/Extreme) can show Ethernet video while ATEM streaming and recording are idle.

No video over IP? Connect ATEM **USB OUT / WEBCAM OUT** to the computer with a USB data cable. Click **Refresh Devices** in Monitor and choose ATEM / Blackmagic Design under **Input Device**. Keep **Ethernet for camera switching**. Test a short recording.

Get sound into the ATEM: Connect a suitable RODECaster audio output to an ATEM audio input with the correct cable and input level. Enable it in the ATEM audio mixer. USB mic detection alone does not route the mix into ATEM.

Quick troubleshooting

ATEM connection: check IP, Ethernet and local-network access.

Missing RODECaster inputs: enable USB multitrack, check the data cable and microphone permission, then reopen the app.

Wrong camera: check the mic channel and Threshold.

No network preview: try ATEM USB as above; use HDMI capture if your model has no webcam output.

Reference links

[ATEM photo and getting-started guide](#)

[ATEM IP setup help](#)

[RODE USB multitrack instructions](#)

[Original RODECaster Pro channel map](#)

Images are illustrative; hardware was not tested. Mic channel numbers are for the original RODECaster Pro. Pro II / Duo routing differs.