Animated Lighting Made EZ

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Plan on about

15 minutes

plus download and card-writing time

EZPlayer on Raspberry Pi: Setup Guide

This guide gets your EZPlayer Raspberry Pi onto your home Wi-Fi, connected to your EZRGB account, and ready to run your show. Plan on about 15 minutes, plus download and card-writing time.

What you'll need

- ☐ A computer to download the image and write the memory card
- ☐ The EZPlayer memory card
- ☐ A memory card reader, if needed (if your computer doesn't have one)
- ☐ Your Raspberry Pi 4 or Pi 5 (2GB RAM minimum) with its power supply
- ☐ Your phone
- ☐ Your home Wi-Fi name and password
- ☐ Your EZRGB account login
- ☐ An Ethernet cable to connect the Pi to your controller
- ☐ Optional: speakers or an audio device that connects by HDMI or USB

BEFORE YOU START — **Get the EZPlayer image**

1 Download the EZPlayer image.

1. On your computer, go to **https://ezrgb.com/ezplayer**.
2. Download the **Pi Image** version.
3. The file ends in **.img.xz** (for example, **EZPlayer-Pi-0.6.14-test.img.xz**). You don't need to unzip it.

A stable release is coming. Until then, the **Pi Image** on the EZPlayer page is a test build.

2 Put the image on your memory card.

1. Open **Raspberry Pi Imager** or **balenaEtcher**.
2. Choose the **.img.xz** file.
3. Choose your memory card.
4. Write the image.

Both tools read **.xz** files directly.

Warning:
Everything on the memory card will be erased. Use a card with nothing you want to keep on it.

PART 1 Connect the player to your home Wi-Fi

3 Start the Pi.

Put the memory card in the Pi and plug in the power. Wait about one minute for it to start up.

4 Connect your phone to the player.

1. On your phone, open your Wi-Fi settings.
2. Join the network named **EZPLAYER-XXXX**. The last four characters are different on every player.
3. Enter the password **Ezrgb1234**.
4. The setup page should open on its own. If it doesn't, open your phone's web browser and go to **http://192.168.4.1**.

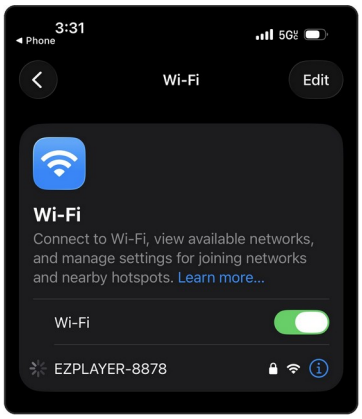


Figure: The iPhone Wi-Fi list, showing the player network **EZPLAYER-8878**. *The last four characters on your player will be different.*

Good to know:

The player's Wi-Fi network doesn't have internet. If your phone asks whether to stay connected, tap **Yes** or **Stay connected**.

Samsung phones:

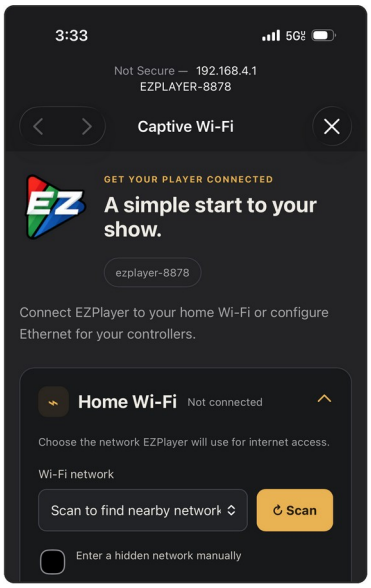
If the phone keeps jumping back to your home Wi-Fi after a few seconds, turn off **Switch to better Wi-Fi networks** in your Wi-Fi settings until setup is done.

5 Choose your home Wi-Fi.

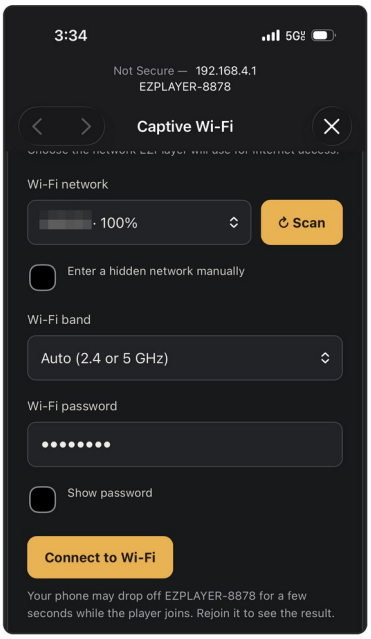
The setup page opens.

1. Tap **Scan**.
2. Choose your home Wi-Fi from the Wi-Fi network list.
3. Enter your home Wi-Fi password.
4. Tap **Connect to Wi-Fi**.

Your phone may drop off the EZPLAYER network for a moment while the player switches over. If that happens, join **EZPLAYER-XXXX** again.



The setup page. Tap Scan to find your home Wi-Fi.

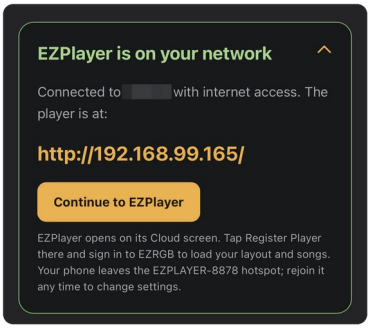


Choose your Wi-Fi, enter the password, and tap **Connect to Wi-Fi**.

6 Open EZPlayer.

When the page shows the green **EZPlayer is on your network** box, it also shows the player's address (for example **http://192.168.99.165/**). Write that address down; that's your **PLAYER-IP**. Then tap **Continue to EZPlayer**. Your phone goes back to your home Wi-Fi, and the player's **Cloud** screen opens.

If the Cloud screen doesn't open, join your home Wi-Fi yourself, then open a web browser and go to **http://ezplayer-xxxx.local/cloud**. Use the same four characters as your player's Wi-Fi name. You can also use **http://PLAYER-IP/cloud**, replacing **PLAYER-IP** with the address you wrote down.



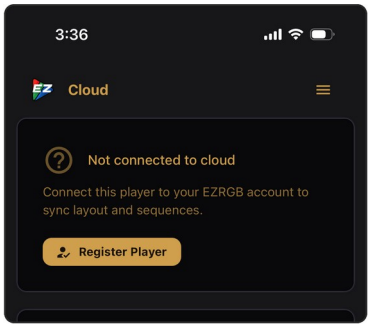
Write down the address shown here. Your numbers will be different. Then tap **Continue to EZPlayer**.

PART 2 Connect the player to your EZRGB account

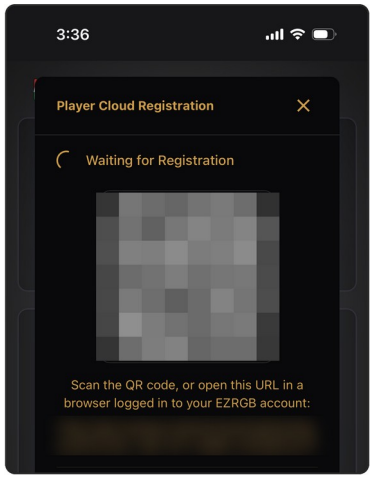
7 Register the player.

1. On the Cloud screen, tap **Register Player**.
2. A **Player Cloud Registration** window shows a QR code. Scan it with your phone camera, or open the link shown in a browser where you're signed in to EZRGB.
3. Sign in to your EZRGB account. If you don't have an account yet, use the **Register** box on the same page.

The player starts with an empty show. Your layout and songs download after you register, so give it a few minutes.



The Cloud screen. Tap ***Register Player****.*



Scan the QR code with your phone camera, or open the link shown. Your code and link will be different.

PART 3 Connect your controllers and sound

Controllers

1. Plug your controller into the Pi's **Ethernet port** with an Ethernet cable.
2. Turn the controller on **after** the show has started.

Show data goes out through the Ethernet port only, never over Wi-Fi. The Ethernet port starts in **EZRGB Mode** at address **192.168.25.2**. Most people won't need to change this, but you can on the setup page.

Sound

1. Connect your speakers by HDMI or USB.
2. In EZPlayer, open **Settings** and tap the **Audio** tile.
3. Choose **HDMI** or **USB**, whichever one your speakers use.

Changing settings later

To get back to the setup page anytime, use either of these:

In EZPlayer, open **Settings** and tap **Pi Setup**.	In a web browser on your home Wi-Fi, go to **http://ezplayer-xxxx.local/setup**.

From the setup page you can change Wi-Fi, Ethernet, time zone, and clock, or restart and shut down the player. The player's **EZPLAYER-XXXX** Wi-Fi network also stays available, so you can reconnect to it the way you did in step 4.

Turning the player off

Use **Shut down** on the setup page instead of pulling the plug. A power cut usually won't hurt anything, but it can damage a file the player was saving at that moment.

Troubleshooting

Problem	Fix
The setup page didn't open after I joined EZPLAYER-XXXX.	Open your phone's browser and go to **http://192.168.4.1**.
My phone keeps leaving the EZPLAYER network.	When your phone asks, tap **Stay connected**. On Samsung phones, turn off **Switch to better Wi-Fi networks** until setup is done.
I can't find the player after setup.	Make sure your phone is on your home Wi-Fi, then go to **http://ezplayer-xxxx.local/**.
The setup page says Network service offline.	Rejoin **EZPLAYER-XXXX** and refresh the page.
The lights don't respond.	Make sure the controller is plugged into the Pi's Ethernet port, not just your home network, then turn the controller off and back on while the show is running.

Need help?

Email **support@ezrgb.com**. Support hours are 9 AM to 5 PM Eastern, and the team will try to answer after hours too.