

OV Countdown Clock

User Manual

Thank you for purchasing the OV Countdown Clock! You've acquired a smart countdown clock that keeps you updated on public transport departure times with real-time data from the Dutch OVAPI.

What's in the box?

- 1x OV Countdown Clock
- 1x USB-C cable
- 1x Power adapter (5V USB charger)
- User manual

Step 1: Find Your Timing Point Code

Go to: <https://maxgramser.com/transit>

- Search for your line number, operator, or stop name
- Select your line
- Check the direction carefully
- Choose your stop
- Copy the **timing point code** (example: 30009911 (Ijplein ferry amsterdam))

Important: Double-check you've selected the correct direction.

Step 2: Connect the Clock

Plug in the power adapter. The screen will show:

- "OV Countdown"
- "Connecting to WiFi..."

Step 3: Connect to the Clock

- On your phone, go to WiFi settings
- Connect to network: "OV_Countdown" (no password)
- Open browser and go to: **192.168.4.1**

Step 4: Configure

Enter the following on the configuration page:

WiFi Settings:

- SSID: Select your home network
- Password: Enter your WiFi password

Transit Settings:

- Timing Point Code: Enter the code from Step 1 (e.g., 30009911)
- Seconds needed to make departure: Time from your door to the stop (e.g., 210 for 3.5 minutes)

Traffic Light Function:

- Green: You're early
- Orange: Time to leave
- Red: Too late for this connection

Click **Save**.

Step 5: First Connection

The clock will restart and display:

- "Connected!"
- "Syncing Time..."
- "Getting Departures..."
- Countdown appears

Buttons

Button 1 (Reset):

- Hold 3 seconds: Clear WiFi settings and reconfigure

Button 2 (Rotation):

- Press: Rotate screen 180°

Troubleshooting

Clock shows "--:--:--":

- No departures available (e.g., at night) or connection issue
- Check WiFi and timing point code

Can't connect to WiFi:

- *Hold left button for 3 seconds to reset*
- *Reconfigure from Step 3*

Wrong stop/direction:

- *Find correct code at maxgramser.com/transit*
- *Hold left button 3 seconds*
- *Reconfigure with correct code*

Technical Specifications

- *Color display*
- *WiFi connected*
- *Updates every minute*
- *Auto-restarts after 30 days*

Support

Website: <https://maxgramser.com/transit> Email: maxgramser@gmail.com

Tips:

- *Place near WiFi router for stable connection*
- *Keep timing point code handy*
- *Test different "seconds needed" settings*

Enjoy your OV Countdown Clock!

Retry