StagePilotPro V3 – Installation Guide

This guide describes the installation and setup of **StagePilotPro**, consisting of:

- **REAPER**

- **StagePilotPro Control**

- **StagePilot Editor**

- **Singer View**

- **Lyrics Server (Swift)**

The components are deliberately separated to ensure maximum stability and clear responsibilities during live operation.

1) License & Activation (after purchase)

After purchase, you will receive an **activation code by email**.

- **One activation per license**

- Activation is performed on the **main computer**
  (the computer running REAPER and the Lyrics Server)

➡️ Control devices (phones, tablets, additional computers) **do not require activation**. They are **not licensed**, only **physically limited by your network**.

Typical parallel usage:

- Singer (Singer View)

- Guitarist (Singer View)

- Technician (Control)

- Bassist (Singer View)

👉 **Whoever selects or controls a song first effectively determines the state** (there is intentionally no user or permission system).

2) Requirements

Hardware

- macOS computer (main system)

- iPhone / iPad / tablet / additional computers (optional)

- Local network (LAN or Wi-Fi)

Software

- **REAPER** (latest version recommended)

- **REAPER Web Control** enabled

- **StagePilotPro Lyrics Server (Swift app)**

- Modern web browser (Safari, Chrome, Edge)

3) Network – fundamental requirement (very important)

All devices must be on the same network

All devices must be connected to the same network.

This includes:

- Main computer (REAPER + Lyrics Server)

- Phones / tablets (Singer, Control)

- Additional control computers

➡️ **Different Wi-Fi networks or mobile data will not work.**

Live operation (strongly recommended)

For live shows, using a **dedicated router** is strongly recommended:

- stable

- offline

- independent of venue networks

- reproducible at every gig

➡️ **No internet connection is required.**

4) Preparing REAPER

4.1 Install REAPER

- Install and launch REAPER as usual

4.2 Enable Web Control

In REAPER:

1. **Options → Preferences**

2. **Control/OSC/Web**

3. **Add → Web Browser Interface**

4. Enable the interface

5. Note the port (default: **8081**)

➡️ REAPER is now controllable via the network.

5) Creating regions in REAPER (core foundation)

StagePilotPro is entirely based on **REAPER Regions**.

- Each song = **one region**

- **Region number** = song order

- **Region name** = Song ID

Example

REAPER region:
R1 – Vergessener Traum

➡️ This exact spelling will later be used in the Editor.

6) Install & start the StagePilotPro Lyrics Server

1. Launch the StagePilotPro Lyrics Server app

2. On first launch:

   - The server starts automatically on **port 8765**

   - The folder
     Documents/lyrics/
     is used automatically

This folder contains:

- all song files (*.json)

- all Editor save data

➡️ **The server must be running** for Control, Editor and Singer to work.

7) Install StagePilotPro Control (REAPER webroot)

In the installer window:

1. Click **Select Webroot…**

2. Choose the REAPER webroot folder

3. Click **Install stagepilotpro.html**

➡️ StagePilotPro Control is now installed directly into REAPER.

8) Links, QR codes & Open buttons (central hub)

After installation, the installer shows:

- **StagePilot (REAPER / Control)**

- **Editor (Lyrics Server)**

- **Singer (Lyrics)**

Each with:

- **QR code** (for phone / tablet)

- **Open button** (for the main computer)

- **Copy button** (to share the link)

Using on the main computer

- Simply click **Open**
  ➡️ The corresponding view opens directly in the browser.

Using on mobile devices

- Scan the QR code with the camera
  ➡️ No app, no installation required.

9) Network changes & QR codes (important!)

If the network changes, for example:

- different router

- different Wi-Fi

- new IP address of the main computer

➡️ **The QR codes must be updated**.

In the installer:

- click **Update**

- rescan the new QR codes

⚠️ **Updating QR codes is often forgotten in live situations**
and is one of the most common causes of connection issues.

10) Launching Editor & Singer

Control

- Via the REAPER web interface
  or

- via **Open** or QR code

Editor

- Click **Editor** in Control
  or open directly:

http://<IP>:8765/editor
Singer

- Click **Singer** in Control

- automatically via **Auto Singer**

- or via QR code

All connections are configured automatically
(server + REAPER IP).

11) Creating the first song (quick overview)

1. Open the Editor

2. **Songs → New**

3. Set the Song ID **exactly matching the REAPER region name**
   e.g. Vergessener Traum

4. Create blocks

5. Click **Save**

➡️ The song appears automatically in the song list
➡️ Singer can load it live

12) Typical network setups

Simple

- One computer running REAPER + Lyrics Server

- All devices on the same Wi-Fi

Stage / live (recommended)

- Dedicated router (offline)

- Main computer via LAN

- Mobile devices via Wi-Fi

➡️ StagePilotPro works **fully offline**.

13) Important notes

- **All devices must be on the same network**

- **Update QR codes after every network change**

- **Song order** is controlled exclusively via **region numbers**

- **Song ID must exactly match the region name**

- The Editor does **not** automatically follow song changes in REAPER (intentional, safe editing behavior)

- Songs can be archived by moving their JSON files out of Documents/lyrics/

14) Installation philosophy

StagePilotPro is deliberately designed to be:

- **easy to install**

- **license-clear (1 activation)**

- **network-open for many devices**

- **offline-capable**

- **robust for live performance**

Once set up correctly, the system runs stable and reproducible.