

StagePilotPro V3.0 – Control – User Guide

StagePilotPro **Control** is the live control center for your REAPER performance. The Control page reads **Transport + Cursor + Regions** from REAPER, builds a **setlist** from them, and allows you to:

- **Play / Pause / Stop**
- **Song navigation (Prev / Next)**
- **Directly jump to a song (tap in the setlist)**
- **Switch to Editor and Singer**
- Optional: **Auto Singer** (automatic switching between Control and Singer)

1) Core concept: REAPER Regions = Setlist

The entire setlist is generated from **REAPER Regions**.


- Each **Region** becomes one **song** in the setlist
- Sorting is based on the **Region ID** (R1, R2, R3 ...)
- The currently active song is highlighted in the list

At the top, the title always shows:

R<id> – <Region name>

Setting the song order (very simple)

The **song order / setlist order** is controlled **exclusively** via the **Region numbers in REAPER**.

 To change the setlist order, simply **renumber the regions** (e.g. R1, R2, R3 ...).

- No additional playlist management
- No extra sorting inside StagePilot
- REAPER remains the single source of truth

2) Connections & addressing (what talks to what)

Control communicates with **two systems**:

1. **REAPER Web Remote** (transport, cursor, regions, seeking)
2. **Swift Lyrics Server** (port **8765**) for **Editor/Singer + song JSON files**

The page remembers IPs (localStorage) and uses LAN-safe logic:

 On **LAN / localhost**, **http** is used automatically (no HTTPS issues).

3) Interface overview (Control view)

Top area

- **Song title** (currently active region)

Quick access buttons

- **Editor** → opens the StagePilot Editor (lyrics editing)
- **Singer** → opens the Singer view (live lyrics display)

Control section (buttons)

The layout is deliberately optimized for live use:

1. **Prev / Pause / Remaining / Next**
 - Prev / Next: navigate through the region-based setlist
 - Remaining: shows remaining time of the current region
 - Pause: pauses REAPER
2. **Stop + Auto**
 - Stop: stops REAPER
 - Auto: Auto Singer on/off (ON/OFF badge)
3. **Play (bottom, large, full width)**
 - Play starts REAPER

4) The setlist (tapping songs)

Below the controls you see the setlist.

- **Tap a song** → the song is selected and REAPER is **positioned to the region start**
- The selected song remains active until another song is chosen or REAPER clearly progresses on its own

Visual states:

- Current song: **highlighted**
- Past songs: **faded**
- Upcoming songs: **normal**

5) Position & region detection (live-safe behavior)

Control determines the “current song” based on:

- **Play position** while REAPER is playing
- Otherwise (STOP): **cursor position**

Additional safeguards ensure reliable live behavior:

- **Tolerance** for floating-point edge cases
- **Snap-to-start window:** if the cursor is very close to a region start, that region is selected
- In STOP mode, the selection **immediately follows the cursor** (no “sticky” selection)

6) Singer view (live lyrics)

The Singer view displays:

- Top: **Remain** (remaining time)
- Below: **Song title**
- Large: **Lyrics text**

Key principle:

Singer automatically loads the song matching the currently active region (**Region name** → **Song ID**).

👉 For lyrics to load correctly, the **Song ID in the Editor must exactly match the REAPER Region name** (case-sensitive, spaces and special characters included).

Example:

Region: **Vergessener Traum**

Song ID: **Vergessener Traum**

7) Auto Singer (ON / OFF)

Auto Singer is a convenience feature for live shows.

Auto = ON

- When REAPER starts (STOP → PLAY), Control can automatically switch to **Singer**
- When REAPER stops (PLAY → STOP), it can automatically return to **Control**

The logic only switches back automatically if Auto Singer originally triggered the switch.

➡ Manual navigation always remains fully under your control.

Auto = OFF


- No automatic switching
- Full manual control at all times

8) Opening the Editor (from Control)

Using **Editor**, you open the StagePilot Editor via the Lyrics Server.

The following parameters are passed automatically:

- Swift server (srv)
- REAPER host (host / reaper)

 Result: the Editor opens already correctly connected.

9) Typical live workflow

1. Create and number regions in REAPER
2. Adjust song order by renumbering regions if needed
3. Open Control → setlist appears automatically
4. Tap a song → position to start
5. Play → start playback
6. Optional: enable Auto Singer
7. Use Prev / Next or tap the setlist to change songs
8. Stop → return to a safe state

10) Live philosophy

StagePilotPro Control is designed to be:

- **Setlist-driven** (regions = songs)
- **Easy to reorder** (region numbers)
- **Fast to operate**
- **Stable in STOP mode**
- **Singer-ready**
- **Clearly separated from editing tasks**