



EasyWipers

Streamers & Cue Tools

User Manual

Version 1.2 | macOS



Table of Contents

1. Introduction
2. System Requirements
3. Installation & Licensing
4. Main Window
5. Overlay Frame
6. Event List Tab
7. PT Markers Tab
8. MTC & MIDI Setup
9. Preferences
10. Keyboard Shortcuts
11. File Operations
12. Tips & Troubleshooting

1. Introduction

EasyWipers is a professional macOS application designed for film and television post-production workflows. It receives MIDI Timecode (MTC) and MIDI Notes to trigger visual streamers, punch flashes, and text overlays — displayed as a transparent floating frame on your screen — synchronized with your DAW or video playback system.

EasyWipers works alongside Pro Tools®, and any DAW that can output MTC via the IAC Driver virtual MIDI bus on MacOS.

Key Features

- Transparent floating overlay window — always on top of all applications
- Streamers: animated wipe bars sweeping Edge-to-Center or Left-to-Right
- Punch: a brief flash at the hit point
- Text overlay with customizable font, size, color and position
- 3 Beep audio cue system synchronized with streamer duration
- MTC timecode reception and display
- Event List tab — TXT/CSV-based cue list with full automation
- PT Markers tab — direct import from Pro Tools® markers
- MIDI Note triggering (C1 = Streamer, C0 = Text)
- 14-day full-featured demo mode



2. System Requirements

- macOS 13 (Ventura) or later
- Apple Silicon
- IAC Driver enabled in Audio MIDI Setup (for MTC/MIDI reception)
- A DAW capable of sending MTC (Pro Tools®, etc.)
- Pro Tools® 2025.6 or later (for PT Markers tab)
- Internet connection on first launch (to install Pro Tools® SDK dependencies)
- Minimum 4GB RAM recommended

3. Installation & Licensing

Installation

- Unzip the downloaded file
- Move EasyWipersApp to your Applications folder
- Double-click to open — the app is notarized by Apple, no security warnings

Demo Mode

On first launch, EasyWipers enters a 14-day full-featured demo mode. All features are available during the demo period. The number of remaining days is displayed in the license window. Click Continue in Demo to proceed to the main window.

License Activation

To activate a full license, enter your name or company exactly as provided and your license key in the format EAWY-XXXX-XXXX-XXXX-XXXX. The name must match exactly — including capitalization and spacing. Once activated, the license is stored permanently on your Mac.

Note: *Keep your license key in a safe place. You will need it if you reinstall the app.*



4. Main Window

The EasyWipers main window contains all controls for managing your session. It is divided into several sections:

Header

Displays the EasyWipers logo and the current MTC timecode in large green digits. The detected frame rate is shown below the timecode.

Frame Rate Selector

Select the frame rate matching your Pro Tools® session: 23.976, 24, 25, 29.97, or 30 fps. This must match your DAW output for correct timecode math.

Note: 23.976 and 29.97 use the same MTC byte code as 24 and 30 fps. Select manually to match your session.

Tab Bar

Two tabs appear in the upper right area: Event List and PT Markers. Only the active (foreground) tab triggers events during MTC playback. The inactive tab is completely silent.

Footer

Displays keyboard shortcut reminders, and the Preferences button.

5. Overlay Frame

The overlay frame is a transparent, borderless window that floats above all other applications on your screen, including full-screen applications. It displays streamers, punch flashes, and text overlays during playback.

Moving and Resizing

Click and drag anywhere inside the overlay to move it. Drag the edges or corners to resize. White circle handles appear at each corner. The last position and size are saved automatically when you quit.

Streamer Animation

When triggered, the streamer animates as one or two vertical bars sweeping across the overlay frame. Edge-to-Center sends bars from both edges toward the center. Left-to-Right sweeps a single bar across the frame. The wipe duration corresponds to the Wipe Duration setting: 1 Beep (667ms), 2 Beeps (1334ms), or 3 Beeps (2000ms).

Punch

At the hit point, a circular flash appears briefly in the center of the overlay. The punch fires approximately 40ms before the exact hit point timecode and disappears after 40ms.

Text Overlay

Text can be displayed on the overlay frame independently or linked to a streamer event. Font, size, color, position and duration are all configurable in Preferences.

Border Visibility

Toggle the overlay border with Option+Control+O or via the Border Visible toggle in Preferences. Border opacity, width and color are adjustable.

6. Event List Tab

The Event List tab displays cue events loaded from a TXT or CSV file. When MTC timecode matches a cue's trigger time, the corresponding streamer or text fires automatically. This list is independent from the PT Markers list.

Columns

ON/OFF

Toggle to enable or disable individual events without deleting them. Disabled events are greyed out and will not trigger during playback.

TYPE

Streamer: triggers the streamer animation, beeps, punch, and optional text. Text: displays a text overlay only, for the duration set in Preferences > Text Overlay.

CUE

A label for your reference (e.g. Q1, Scene 3). Does not affect triggering.

TIMECODE IN

The hit point timecode in HH:MM:SS:FF. Type 8 digits (HHMMSSFF) and the field auto-formats. The field turns red if an invalid value is entered. You can also paste a timecode directly from Pro Tools®.

WIPE

Wipe Duration for Streamer events: 1 Beep (667ms), 2 Beeps (1334ms), or 3 Beeps (2000ms). Inactive for Text events.

TEXT

The text to display on the overlay frame when this event triggers.

MUTE

Mutes the audio beeps for this specific event while still triggering the visual streamer and punch.

DELETE

Removes the event from the list. This action cannot be undone.

Toolbar Buttons

- Add (Cmd+N): Creates a new event using the default Wipe Duration from Preferences
- Save .txt (Cmd+S): Exports the current list with a date/time stamped filename
- Load .txt (Cmd+O): Opens a CSV or TXT file via the CSV Import Mapper dialog

Current Cue Highlighting

During MTC playback, the most recently triggered event is highlighted in amber/gold. The list auto-scrolls to keep the current cue visible.

Wipe Timing Logic

For Streamer events: Trigger Time = TIMECODE IN minus Wipe Duration. At the trigger time the streamer starts, beeps fire, and text appears. At TIMECODE IN, the punch fires and the streamer starts.

7. PT Markers Tab

The PT Markers tab imports markers directly from a running Pro Tools® session via the PTSL SDK. This creates an independent event list separate from the TXT-based Event List tab. Only one tab is active at a time — the active (foreground) tab triggers events during MTC playback.

First Launch Setup

On first use of the PT Markers tab, EasyWipers automatically installs the required Pro Tools® SDK dependencies (grpcio and protobuf packages). **An internet connection is required for this one-time setup.** Subsequent launches do not require internet.

Import All (Cmd+P)

Connects to Pro Tools®, fetches all markers from the selected ruler, converts them to EasyWipers events, and populates the PT Markers list. A confirmation message shows the number of markers imported and stays visible for 10 seconds.

Ruler Selection

In Preferences > Pro Tools® Markers, select which ruler to import from (Rulers 1-5). Ruler 1 corresponds to the default Markers ruler in Pro Tools®. Rulers 2-5 correspond to Markers 2 through Markers 5 in Pro Tools®.

Cue Source

- Auto: events are auto-numbered Q1, Q2, Q3...
- Name: uses the Pro Tools® marker name as the cue label

Text Source

- None: no text overlay
- Name: uses the marker name as the text overlay
- Comments: uses the marker comments as the text overlay



Supported Frame Rates

The PT Markers tab correctly converts sample positions to timecode for all frame rates: 23.976, 24, 25, 29.97, and 30 fps. The frame rate is automatically detected from the Pro Tools® session.

Note: *Pro Tools® must be running with a session open for Import All to work. The app connects to Pro Tools® via localhost port 31416.*

8. MTC & MIDI Setup

Setting Up the IAC Driver

- Open Finder > Applications > Utilities > Audio MIDI Setup
- Go to Window > Show MIDI Studio
- Double-click the IAC Driver icon
- Check Device is online
- Ensure at least one bus is listed (e.g. Bus 1)
- Click Apply

Configuring Pro Tools®

In Pro Tools®, Go to Peripherals > Synchronization > MTC Reader & Generator, and route your MTC Generator Port to the IAC Driver Bus that EasyWipers is monitoring. Go to Setup > MIDI > MIDI Input Devices and enable the IAC Driver Bus 1 (or whichever bus is selected in EasyWipers Preferences).

Selecting the IAC Bus in EasyWipers

Open Preferences > MIDI > IAC Driver Bus and select the bus your DAW is sending on. EasyWipers reconnects automatically when you change this setting.

MIDI Note Triggers

EasyWipers responds to two MIDI notes by default:

- C1 (MIDI note 36): triggers the streamer, beeps, and punch
- C0 (MIDI note 24): triggers the text overlay

These notes can be changed in Preferences > MIDI.

Keyboard Trigger

Press Ctrl + Alt + Cmd + Spacebar to manually trigger a streamer from the keyboard, useful for testing without a DAW.

9. Preferences

Open Preferences with Cmd+, or the Preferences button in the main window footer.

Overlay Window

- Width / Height: Set the exact size of the overlay frame in pixels (default 480 x 270)
- Border Visible (⌘^{O}): Show or hide the frame border
- Border Opacity: Transparency of the border (0-100%)
- Border Width: Thickness of the border in pixels

Streamer

- Wipe Duration: Default duration for manual triggers (Ctrl+Alt+Cmd+Spacebar and MIDI C1)
- Direction: Edge to Center or Left to Right
- Color: Choose from 9 colors
- Opacity: Transparency of the streamer bars
- Width: Width of each bar (1-10% of frame width)
- Height: Height of the bars (1-100% of frame height)
- Position (V): Vertical position of the bars

Punch

- Enabled: Show or hide the punch flash
- Color: Color of the punch circle
- Opacity: Transparency of the punch
- Size: Size of the punch circle (1-100% of frame)

Text Overlay

- Font: Arial, Arial Bold, Courier, Helvetica, Helvetica Neue, or Lucida Grande
- Style: Bold and/or Italic toggles
- Alignment: Left, Center, or Right
- Text Color / Background Color / Opacity: Color settings
- Font Size: Size relative to frame height (5-20%)
- Horizontal / Vertical Position: Placement on the overlay
- Duration: How long text stays visible for Text-type events (0.5-10 seconds)

Audio

- Mute Audio (\backslash^M): Silence all beeps globally
- Output Device: Route beeps to a specific audio output
- Beep Frequency: Pitch of the beep tone (200-4000 Hz, default 1000 Hz)
- Beep Level: Volume of beeps (-40 to 0 dB, default -20 dB)

MIDI

- IAC Driver Bus: Select which IAC bus EasyWipers listens to
- Streamer Trigger Note: MIDI note that triggers streamers (default C1)
- Text Trigger Note: MIDI note that triggers text overlay (default C0)
- Trigger Offset to compensate for MTC Latency. (0ms-500ms, default 250ms)

Pro Tools® Markers

- Ruler: Which Pro Tools® ruler to import from (1-5)
- Cue Source: Auto (Q1, Q2...) or Name (marker name)
- Text Source: None, Name, or Comments

Save as Default / Reset to Factory

Save as Default saves your current settings as personal defaults. Reset to Factory restores all settings to original factory values including window positions.

10. Keyboard Shortcuts

| | |
|------------------------------------|----------------------------------|
| Ctrl + Alt + Cmd + Spacebar | Trigger streamer manually |
| ⌘ + O | Toggle overlay border visibility |
| ⌘ + M | Toggle audio mute |
| Cmd + , | Open Preferences |
| Cmd + N | Add new event to Event List |
| Cmd + O | Open / Load event list file |
| Cmd + S | Save event list file |
| Cmd + P | Import All PT Markers |

11. File Operations

Saving the Event List

Click Save .txt in the Event List toolbar or use Cmd+S. EasyWipers saves your cue list with the filename EasyWipers_EventList_DDMM_hhmm.csv (day, month, hour, minute). The file includes all columns: Enabled, Type, Cue, TimecodeIn, WipeDuration, Muted, and Text. To choose. The cue list can be exported as TXT or CSV file when changing the filename extension in the save dialog :

- EasyWipers_EventList_2105_1256.txt → tab separated
- EasyWipers_EventList_2105_1256.csv → comma separated

Loading an Event List

Click Load .txt in the toolbar or use Cmd+O. EasyWipers accepts tab-delimited text files (.txt) and CSV files (.csv). The TXT Import Mapper dialog appears automatically.

TXT/CSV Import Mapper

The import mapper shows the columns detected in your file and lets you assign each to the correct EasyWipers field. Click Auto-Detect to have EasyWipers guess the mapping based on column names. Adjust any mappings manually if needed, then click Import.

Timecode In is the only mandatory field. All other fields will be populated with default values if not mapped.

Note: *The app accepts both tab-delimited (.txt) files and comma-separated (.csv) automatically.*

12. Tips & Troubleshooting

Blue highlight ring around buttons

This is caused by the macOS Keyboard Navigation setting.

- Go to System Settings > Keyboard
- Turn Keyboard Navigation OFF
- The highlight disappears immediately

EasyWipers does not receive MTC

- Verify the IAC Driver is online in Audio MIDI Setup
- Check that your DAW is routing MTC output to the correct IAC Bus
- Check the IAC Bus selection in Preferences > MIDI
- Try opening MIDI > Audio MIDI Setup from the EasyWipers menu bar

Events are not triggering

- Check that events are enabled (ON/OFF toggle is green)
- Verify the frame rate selector matches your DAW session
- Check that the Timecode In field shows green (valid timecode)
- For Streamer events, the trigger fires BEFORE Timecode In by the Wipe Duration
- Make sure the correct tab (Event List or PT Markers) is in the foreground

PT Markers import fails or does nothing

- Pro Tools® must be running with a session open
- Check that Preferences > Pro Tools® Markers ruler is set correctly
- Ensure internet was available on first launch for dependency installation
- Ruler 1 = default Markers ruler in Pro Tools®
- Rulers 2-5 = Markers 2 through Markers 5 in Pro Tools®

PT Markers Timecodes are offset

- Verify the frame rate selector in EasyWipers matches your Pro Tools® session
- Check the session start time in Pro Tools® (Setup > Session)

PT Markers Streamers are offset

- In Preferences > Midi, Adjust the Trigger Offset slider.
- TIP: Use Utilities > Screenshot.app to record your screen and determine the correct offset

Audio beeps not heard

- Check that Mute Audio is not enabled (⌘^M to toggle)
- Check the Output Device setting in Preferences > Audio
- Check the Beep Level is not set too low
- Check individual event Mute buttons in the Event List

Best Practices

- Always set the Frame Rate in EasyWipers before starting playback
- Use the PT Markers tab for sessions coming directly from Pro Tools®
- Use the Event List tab for sessions loaded from CSV files
- Save your event list as a TXT file at the end of each session
- Test your setup by pressing Ctrl+Alt+Cmd+Spacebar before a recording session
- Use the Mute button on individual events to silence beeps without disabling the visual