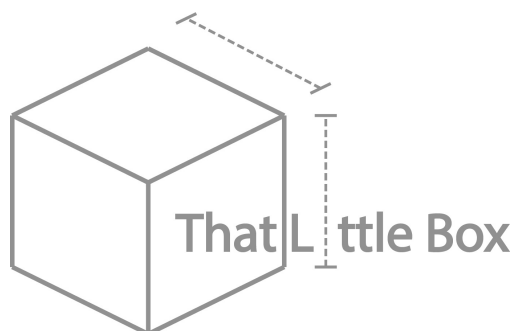
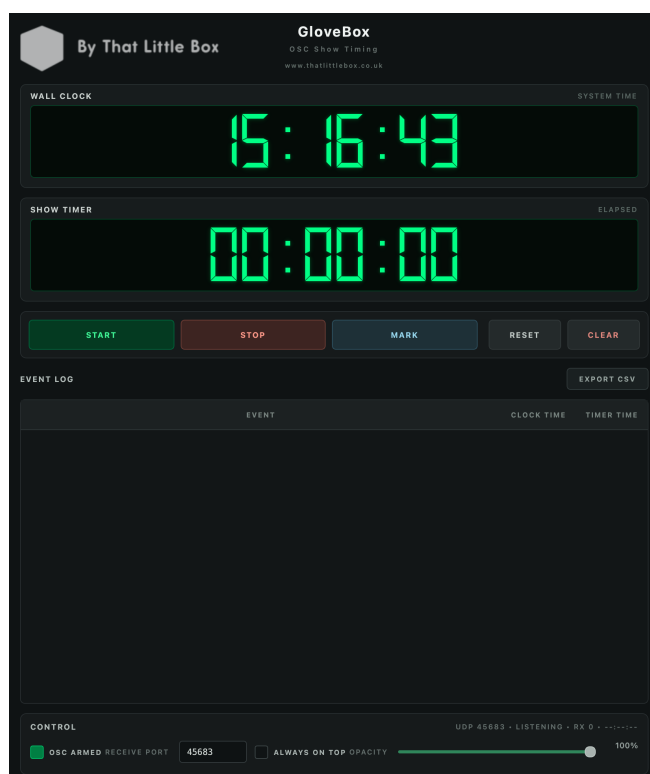




GloveBox

USER GUIDE

GloveBox is a compact show stopwatch and event logger for live entertainment. It can be operated directly from the application or controlled by OSC from QLab or another OSC source. Every Start, Stop, Reset and Marker is recorded with both system clock time and elapsed timer time, allowing you to create a simple record of the performance.



MAIN CONTROLS

START

Start the timer. After a Stop, Start resumes and logs Resume.

STOP

Pause the timer and log Stop.

MARK

Create the next available marker without changing timer state.

RESET

Stop and zero the visible timer. History and cumulative playing time remain.

CLEAR

Clear the complete show, timer totals and marker numbering.

EXPORT CSV

Export the current event log and show totals.

LOCAL OPERATION

- Space: when the timer is stopped, Start/Resume. When the timer is running, drop a Marker.
- Escape: Stop the timer when running.
- Backspace: delete the currently selected event.
- Double-click an Event name to rename it.
- The newest event is automatically selected and the event list scrolls to keep it visible.
- Deleting a marker releases that marker number so it can be used again.

EVENT LOG & CSV

- Each event records Event, Clock Time and Timer Time.
- CSV export includes the complete event list followed by Total Running Time and Total Playing Time.

OSC CONTROL

GloveBox receives UDP OSC on all local network interfaces. The default receive port is **45683** and can be changed in the Control section. OSC is armed automatically each time GloveBox opens. The local OSC Armed checkbox can temporarily ignore incoming control messages without closing the receiver.

OSC	ARGUMENT	ACTION
<code>/start</code>	none	Start the timer if stopped. After a Stop, logs Resume.
<code>/stop</code>	none	Pause the timer and log Stop.
<code>/reset</code>	none	Stop and zero the visible timer; log Reset. Total Playing Time is retained.
<code>/clear</code>	none	Immediately clear the current show, totals and marker numbering.
<code>/mark</code>	none	Create the next available marker number.
<code>/mark</code>	integer	Request a marker number, e.g. <code>/mark 5</code> . If used, the next free number above it is chosen.
<code>/mark</code>	string	Create a named marker, e.g. <code>/mark "Interval"</code> .
<code>/mark</code>	integer + string	Set number and display name, e.g. <code>/mark 5 "Act 2"</code> .

OSC STATUS

- The Control section shows the receive port, LISTENING/DISARMED state, recognised RX packet count and the time of the last recognised OSC message.
- GloveBox uses a single long-lived OSC receive thread. A watchdog attempts a clean receiver restart if the receive thread stops unexpectedly.
- No sender-IP filtering is applied. GloveBox can be used on a local wired or Wi-Fi show network.

WINDOW & PERSISTENCE

- Always On Top keeps GloveBox above other application windows.
- Opacity adjusts the transparency of the GloveBox window.
- Event history, elapsed timer position, marker state, OSC receive port, window position and display settings are restored between launches.
- If GloveBox is closed while the timer is running, it reopens paused at the saved elapsed time. OSC always reopens armed.

MacOS SYSTEM REQUIERMENTS

- MacOS 13 and above
- Apple Silicone (M1 and above)