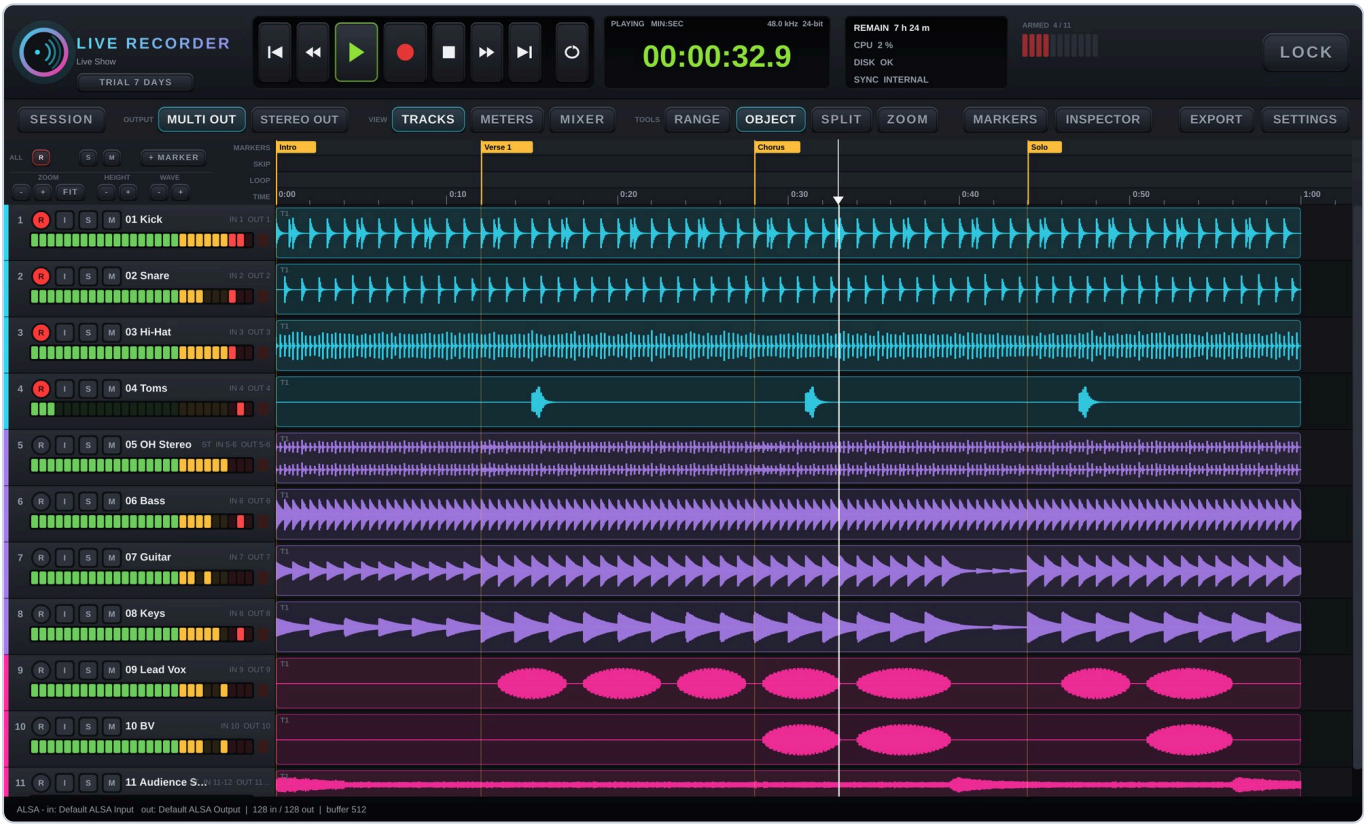
USER MANUAL

T SOUND MAN

T-Sound Live Recorder

App · Windows · Mac

A multitrack recorder for live shows on Windows and Mac. Record up to 128 tracks at once from any audio interface (ASIO / Core Audio), then play them back out of the same channels into the console for a virtual soundcheck. Basic editing is built in, and a show can be exported as a WAV / MP3 mixdown or handed to a DAW as a DAWproject.

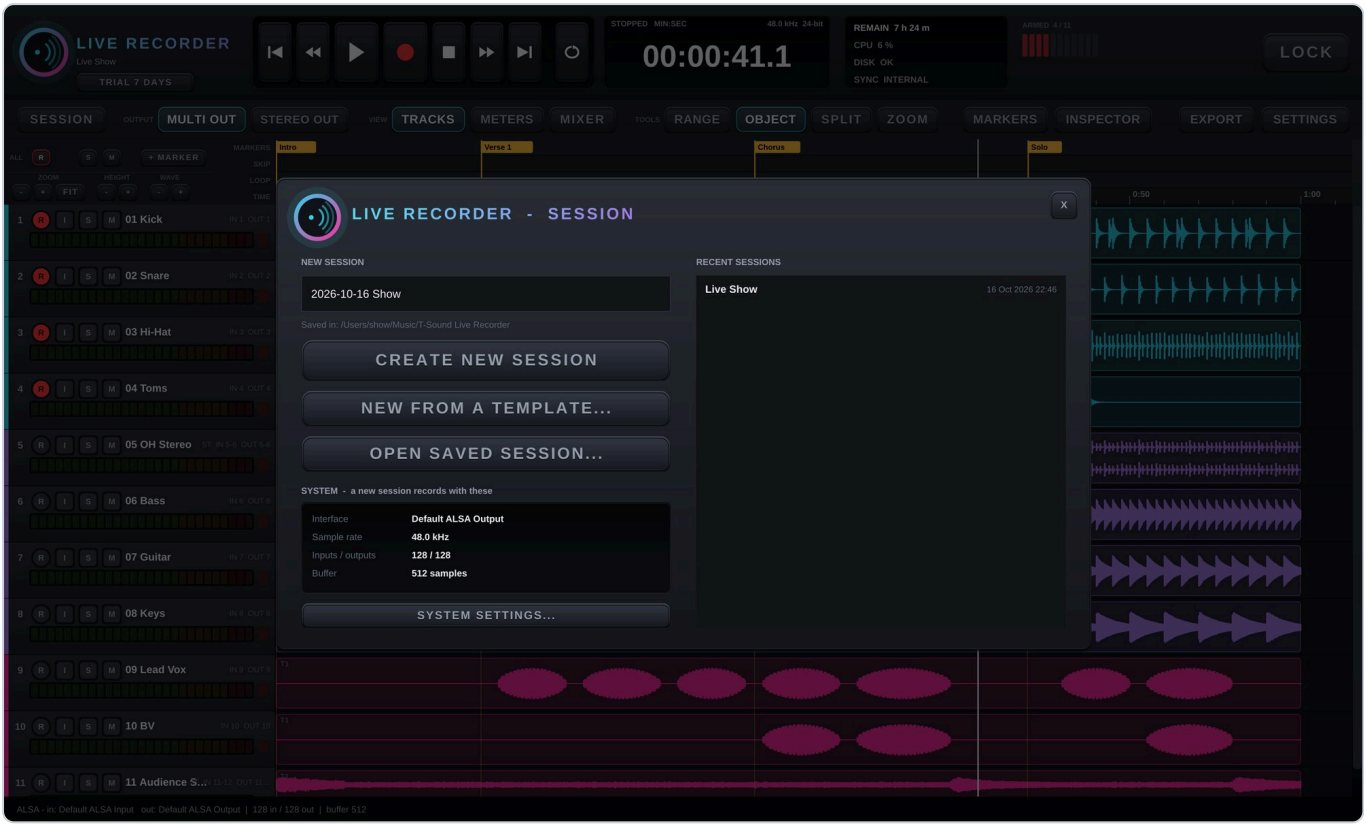


The main window: 11 tracks with markers

First use

1. Open the app. The **SESSION** window comes up first, and no audio interface is opened yet.
2. Click **SYSTEM SETTINGS**... and choose your audio interface on the **AUDIO SYSTEM** tab (on Windows pick its ASIO driver for the lowest latency). Set the sample rate and buffer (512 is a good start).
3. Name the show and click **CREATE NEW SESSION**. The session gets one track per input of the interface.
4. Press **R** on the tracks to record (or **R** on the ALL row for every track), then press record (the red circle).
5. Press **stop** at the end. Every track is written to WAV in the session folder while it records; after a power cut or a crash, open the session again and the takes that were being recorded come

back by themselves.



The SESSION window

Top bar

- **Transport** — previous marker, rewind, play, record, stop, fast forward, next marker and **LOOP** (play the loop range over and over).
- **Clock** — click to switch between min:sec, timecode and samples. Above it: the state, sample rate and bit depth.
- **REMAIN / CPU / DISK / SYNC** — recording time left on the disk, CPU load, disk writing (DROPOUTS or WRITE ERROR means check the drive) and the sync source.
- **ARMED** — every track at a glance; red cells will record. Click a cell to arm or disarm its track.
- **LOCK** — locks the window during a recording so no click or key can stop it; **UNLOCK** releases it (it can lock by itself after recording starts, see SETTINGS).
- **TRIAL / LICENSED badge** — days of trial left; click it to enter a licence key.

Toolbar

- **SESSION** — new session, open a session, save as a template, recent sessions.
- **OUTPUT: MULTI OUT / STEREO OUT** — MULTI OUT sends each track straight to its own output (virtual soundcheck through the console). STEREO OUT mixes every track to a stereo pair for monitoring or a rough mix.
- **VIEW: TRACKS / METERS / MIXER** — the timeline, a meter for every track, and the mixer (for STEREO OUT).

- **TOOLS** — **RANGE** (1) selects a time range, **OBJECT** (2) selects, moves and trims regions and drags their fades, **SPLIT** (3) cuts a region where you click, **ZOOM** (4) zooms to a dragged area.
- **SHOW: MARKERS / INSPECTOR** — the marker list and the selected track's settings.
- **EXPORT** — a mixdown file or a DAWproject.
- **SETTINGS** — audio interface, session, preferences, sync and MIDI.

Tracks

- **R** record (Ctrl/Cmd-click = record safe, so it cannot be armed by accident), **I** hear the live input, **S** solo, **M** mute.
- Double-click a name to rename it (Tab moves to the next track). Drag a track header up or down to reorder.
- Right-click a header for its input / output, colour, stereo / mono and safe modes.
- Rulers: **MARKERS** (**+ MARKER** or M adds one at the play head; drag to move), **SKIP** (drag a range that playback jumps over), **LOOP** (the loop range) and **TIME** (click to locate, double-click to play from there).
- **ZOOM / HEIGHT / WAVE** at the top left zoom in time, change the track height and enlarge the waveform.
- Every edit can be undone with Ctrl/Cmd+Z.

METERS

A meter bridge for every track: dB scale, peak hold, the highest peak in dB (click a track to reset it), a clip light and the record light. The rows are as tall as the window allows for the number of tracks.



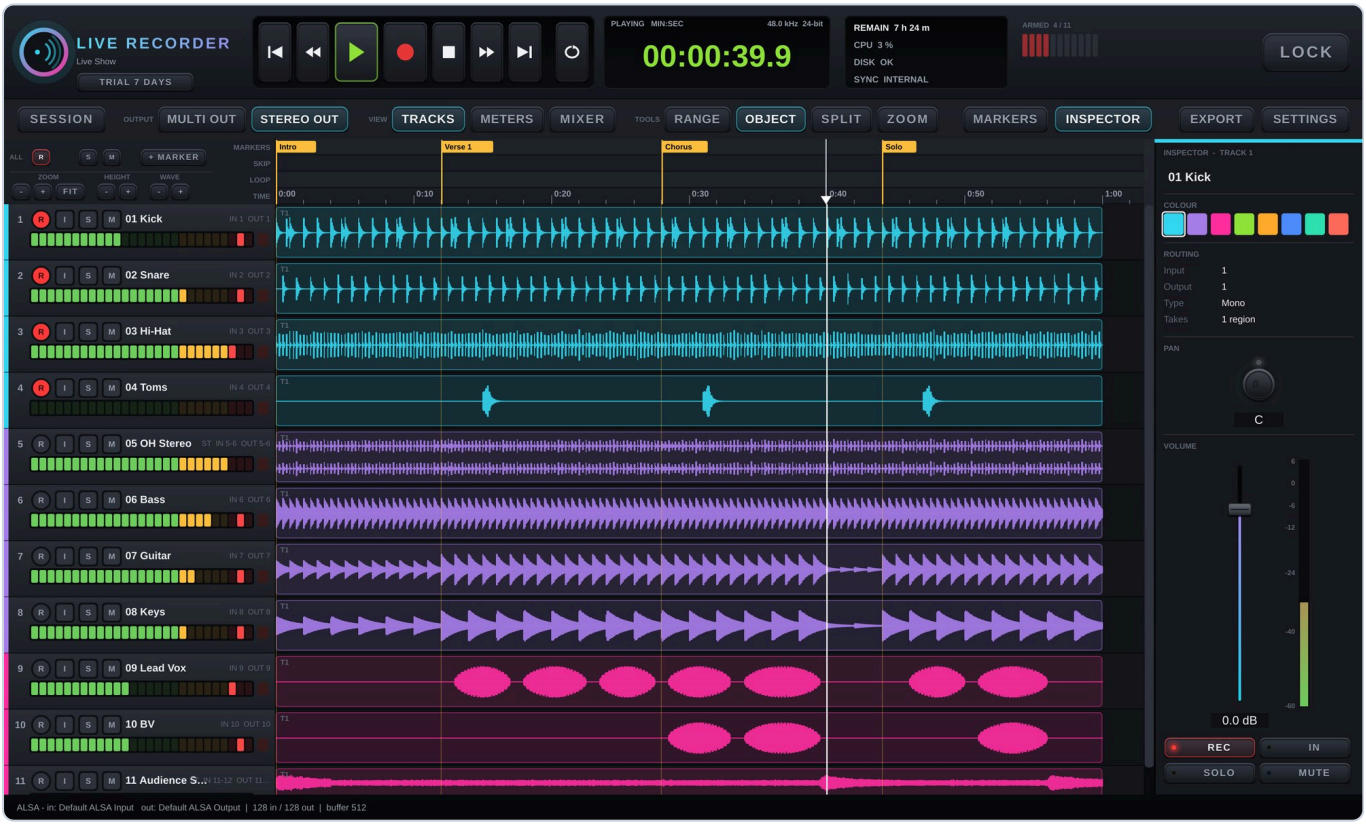
METERS

Mixer and Inspector

With **STEREO OUT**, the mixer sets each track's fader, pan, solo and mute for listening or for a mixdown. The **INSPECTOR** shows the selected track: name, colour, routing, mono / stereo, pan and volume.



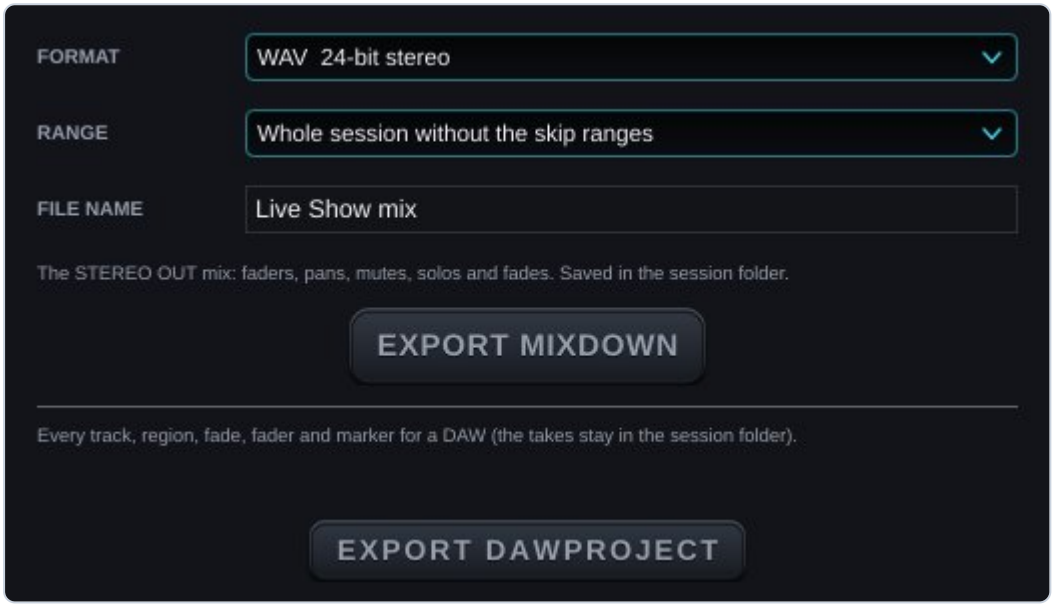
The mixer (STEREO OUT)



INSPECTOR

EXPORT

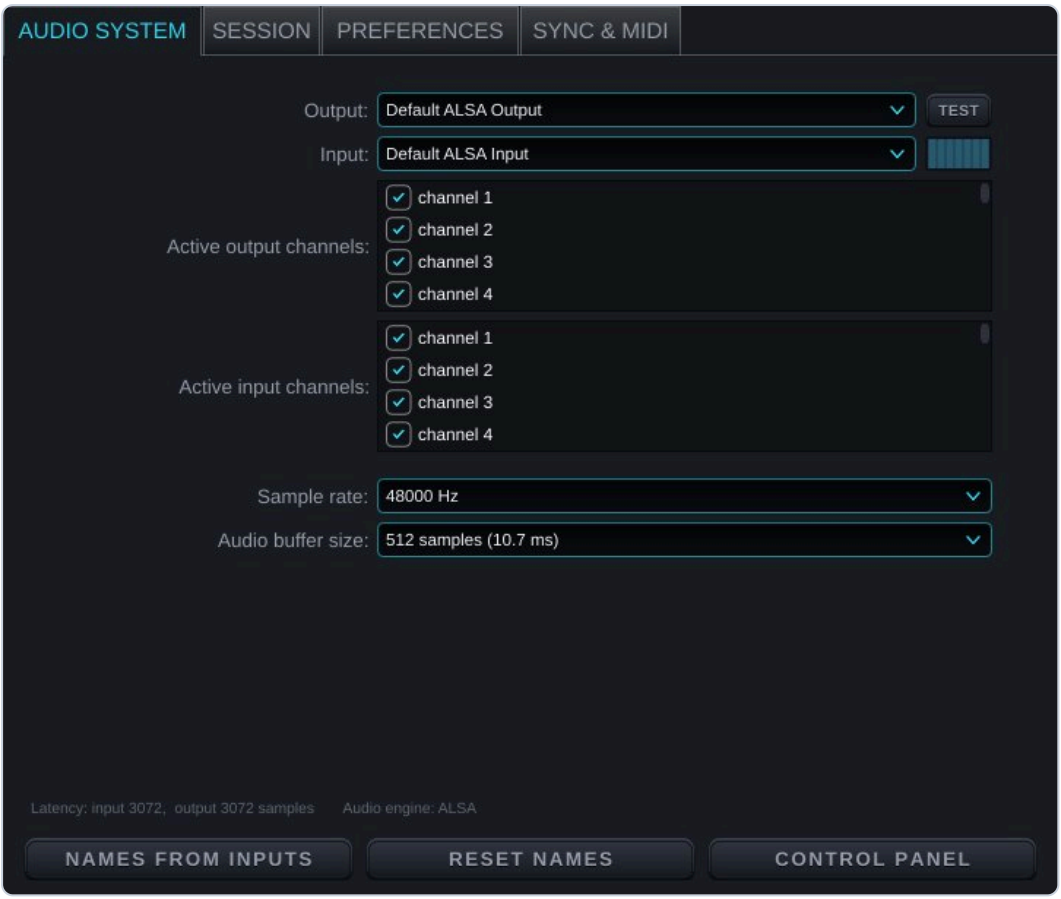
- **EXPORT MIXDOWN** — the STEREO OUT mix to one file: WAV 24-bit or MP3 320 / 192 / 128 kbps, for the selection, the loop range, the whole session, or the whole session without the SKIP ranges.
- **EXPORT DAWPROJECT** — the whole session (every track, region, fade, fader, pan and marker) as a .dawproject file for Bitwig Studio, Studio One, Cubase and other DAWs that read it. The audio stays in the session folder; move the whole folder if you move it.
- Every take is a BWF WAV (with its timestamp) in the session folder, ready to drag into any DAW.



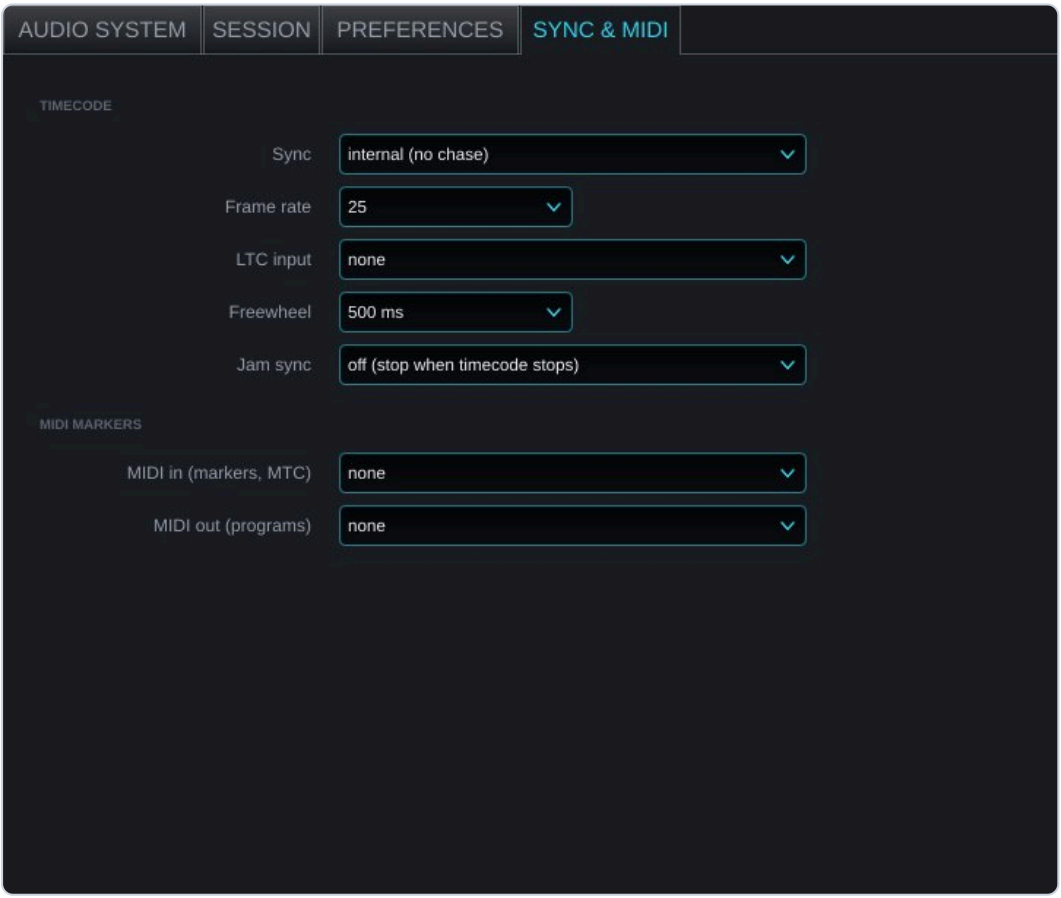
EXPORT

SETTINGS

- **AUDIO SYSTEM** — audio interface, sample rate, buffer and the inputs / outputs in use.
- **SESSION** — sessions folder, recording format (16 / 24 / 32-bit float) and the timecode at 0:00.
- **PREFERENCES** — auto lock after recording starts, meter release, drive buffer (8 s for a USB drive), record latch (PLAY records the armed tracks) and the MP3 encoder (built in; nothing to set).
- **SYNC & MIDI** — chase LTC (from an input) or MTC timecode. MIDI program changes: while recording each one places a marker (a console scene change, for example); when stopped it locates to that marker; markers with a program change send it when playback reaches them.



SETTINGS: AUDIO SYSTEM



SETTINGS: SYNC & MIDI

Keyboard shortcuts

- **Space** play / stop · **Home / End** start / end of the session · **M** or **Insert** add a marker · **L** loop on / off
- **1 / 2 / 3 / 4** tools · **E** split the selected regions at the play head · **+ / -** zoom
- **Ctrl/Cmd + Z / Y** undo / redo · **Ctrl/Cmd + C / X / V** copy, cut, paste · **Delete** remove the selection · **Ctrl/Cmd + S** save

LOCK during a recording



The locked window

Trial and licence

- Every feature works for 7 days; the badge at the top left shows the days left.
- After 7 days a new recording cannot start, but playback, editing and export of your sessions keep working, and a recording that is running is never stopped.
- After buying, click the TRIAL badge, paste the key (it starts with FK2-) and click Activate. The first activation needs the internet, once. One key works on 1 computer.

If activation fails

- The licence window has **Paste code from clipboard** and **Load key file…** (reads the key from a .txt file). Spaces and hidden characters that come with a copied key are removed automatically.
- **Could not connect to the licence server** — check the internet connection and try again.

- **Invalid licence code** — the key must start with FK2- and be a T-Sound Live Recorder key. If it still fails, send a screenshot on LINE.

> MP3 export uses the LAME 3.100 encoder (LGPL), included as a separate program. Its notice and source details are in LAME-README and LAME-COPYING in the app folder.
