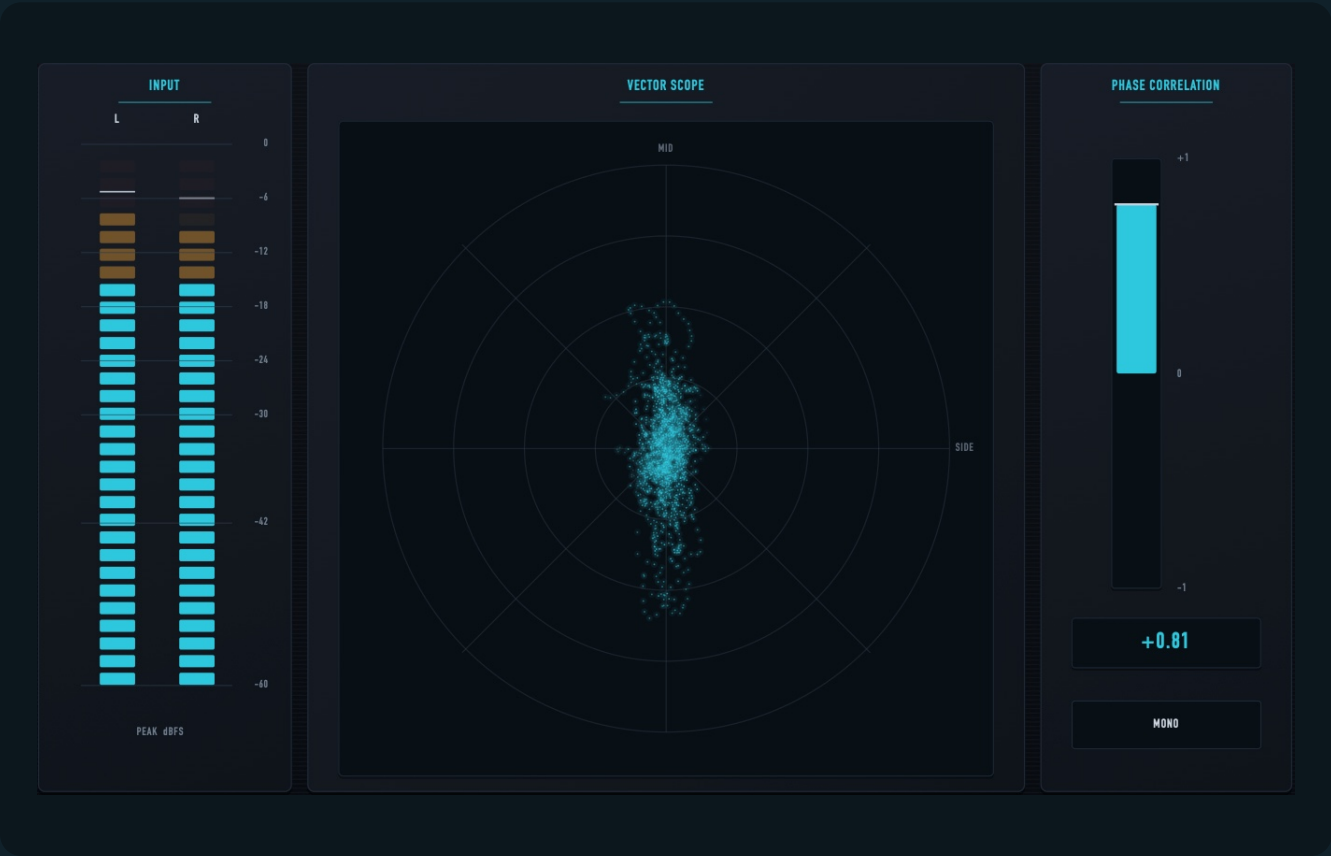


LT-SCOPE

STEREO VECTOR SCOPE



- VECTOR DISPLAY
- PHASE CORRELATION
- PEAK METERS
- MONO CHECK

User Manual

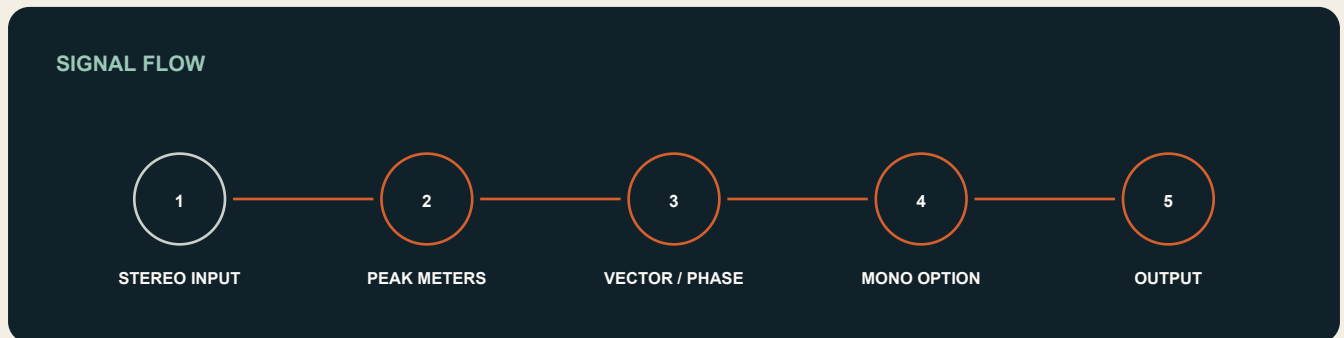
Version 1.0.2 | English

Clear controls. Musical decisions. Built in Denmark.

WHAT IT IS

What LT-Scope does

LT-Scope is a stereo vectorscope for checking width, balance, phase correlation, and mono compatibility. It passes audio unchanged unless Mono is enabled, making it suitable for individual tracks, buses, or the master output.

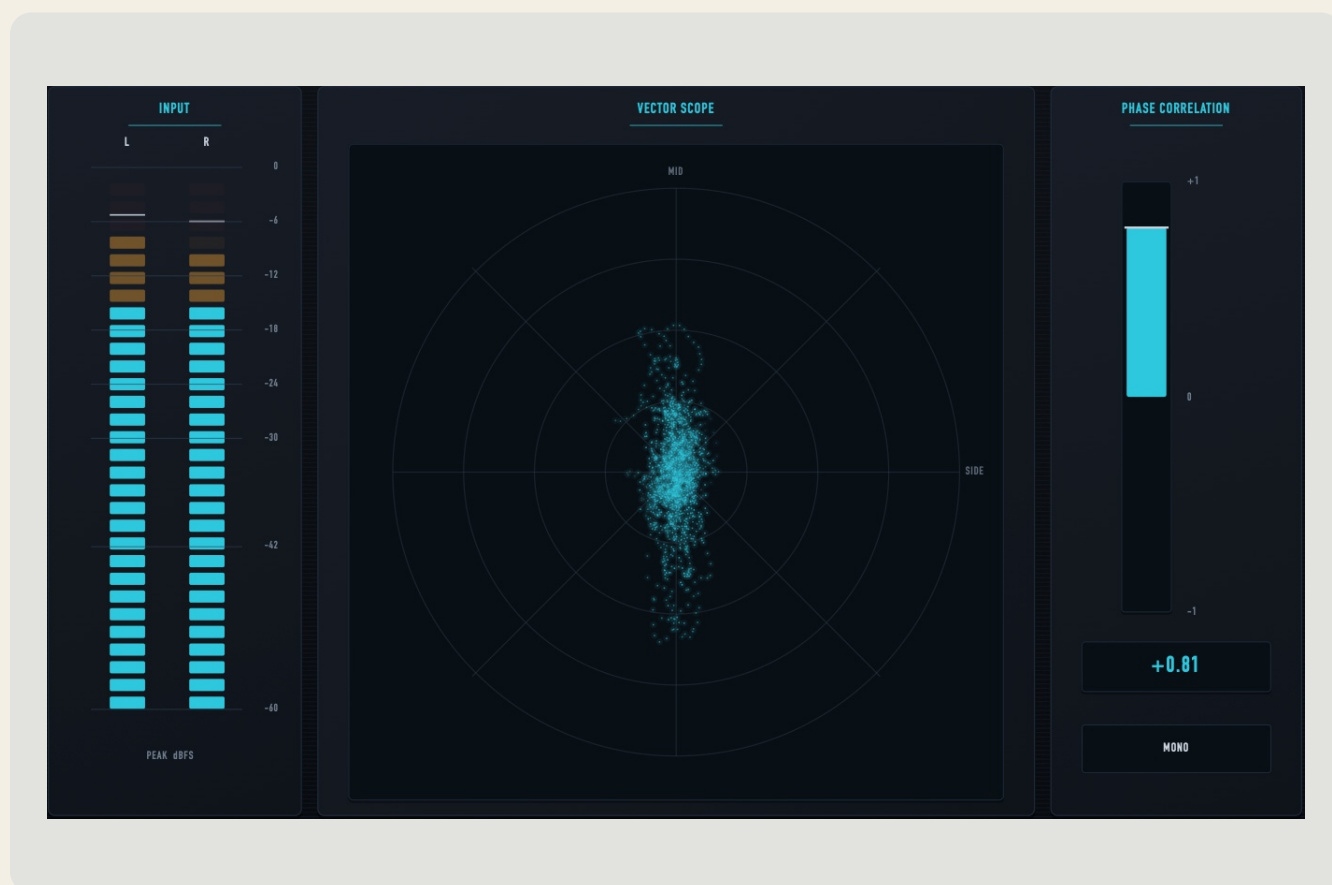


Start here

- 1** Insert the plug-in on the track, bus, or return that matches its role.
- 2** Choose the main character, mode, or operating level before fine detail.
- 3** Make the smallest useful control move, then listen in the complete arrangement.
- 4** Match output level and compare with Bypass before saving the setting.

THE FRONT PANEL

See the complete signal path



Interface principles

READOUTS

Use visible values or host parameter lanes for repeatable settings.

RESET

Double-click a control to restore its factory default where supported.

RESIZE

Drag the window edge or corner. Double-click empty panel space to restore the factory size where supported.

AUTOMATION

User controls are stored with the session and are host-automatable unless the host or format limits them.

PARAMETERS

Controls at a glance

CONTROL	RANGE / OPTIONS	WHAT IT DOES
Input L / R	Peak meters	Shows the current left and right input peaks.
Vector display	Mid / side plot	Visualises stereo shape, movement, and channel relationship.
Correlation	-1 to +1	+1 is strongly in phase; values below 0 warn of possible mono cancellation.
Mono	On / Off	Sums left and right for an immediate mono-compatibility check.
Window	Resizable	Increase the window when detailed vector movement is important.

CORE IDEAS

How to shape the result

01

READING THE SHAPE

A narrow vertical image is centred or mono; a wider shape indicates more side energy. Extreme horizontal energy deserves a mono check.

02

CORRELATION

Positive values are usually mono-safe. Short dips can be musical; sustained negative readings call for listening in mono.

03

MONO CHECK

Enable Mono briefly and listen for disappearing elements, hollow tone, or major level changes.

04

NON-DESTRUCTIVE METERING

With Mono off, LT-Scope is a zero-latency visual monitor and does not intentionally colour the signal.

STARTING POINTS

Four practical recipes

RECIPE 01

MASTER BUS

Place LT-Scope last in the chain and watch correlation during the widest and loudest sections.

FINAL CHECK

Level-match, listen in context, and save the result as a host preset if it is worth recalling.

RECIPE 02

STEREO EFFECT

Compare dry and effected passages to see how chorus, delay, or reverb changes the image.

FINAL CHECK

Level-match, listen in context, and save the result as a host preset if it is worth recalling.

RECIPE 03

LOW-END CHECK

Solo the bass region in your host if available and confirm that important low energy remains stable in mono.

FINAL CHECK

Level-match, listen in context, and save the result as a host preset if it is worth recalling.

RECIPE 04

REFERENCE TRACK

Compare the overall width pattern with a well-matched reference, not with a louder track.

FINAL CHECK

Level-match, listen in context, and save the result as a host preset if it is worth recalling.

SETUP AND SESSIONS

Installation, recall, and automation

INSTALLATION AND FIRST LAUNCH

- Run the supplied installer and select the formats used by your host.
- Restart the host or run its plug-in rescan after installation.
- Insert LT-Scope on a mono or stereo track, bus, return, or master path appropriate to its role.
- If prompted, complete the supplied licence activation workflow before processing audio.

SESSION BEHAVIOUR

- All user settings are stored with the host session.
- User controls can be automated from host parameter lanes unless a format marks them as meters or display-only values.
- Avoid abrupt algorithm, quality, or model changes during exposed audio when the plug-in contains those choices.
- Use the host preset system to store personal starting points.

FORMAT NOTES

- Available formats depend on the supplied installer and licence.
- Native editions normally include Audio Unit, VST3, and Standalone on supported macOS systems.
- AAX Native and AAX DSP availability is product- and installer-specific.
- AAX DSP requires compatible Pro Tools HDX hardware and an included DSP build.

GOOD DECISIONS

Listening and troubleshooting

THREE RELIABLE HABITS

- 1 Trust the mono listening test over a single meter value.
- 2 Correlation naturally moves with musical material.
- 3 Place the scope after the processors you want to evaluate.

If something is wrong

SYMPTOM	CHECK
No sound or processing	Confirm routing, plug-in bypass, licence state, and that the correct format is loaded.
Plug-in is not listed	Restart or rescan the host and confirm that the installer placed the required format for this computer.
Processed sound is much louder	Reduce the final output, master, or return level before judging tone or dynamics.
Settings recall unexpectedly	Check host automation mode, active snapshots, presets, and duplicated plug-in instances.
CPU use is high	Use a lower quality mode where available, fewer real-time instances, or the appropriate DSP edition.
Stereo result changes in mono	Reduce width or modulation, stabilise low frequencies, and listen for phase cancellation.

SPECIFICATIONS

Technical summary

ITEM	DETAIL
Product	LT-Scope 1.0.2
Type	Stereo metering
Channels	Mono and stereo where supported by the host format
Sample rates	Up to 192 kHz where supported by the supplied build
Native formats	Audio Unit, VST3, and Standalone when supplied
Pro Tools	AAX Native and/or AAX DSP when supplied
Manufacturer	Lydtrold, Denmark
Website	lydtrold.com

SUPPORT CHECKLIST

When requesting support, include the LT-Scope version, operating system, host and host version, plug-in format, sample rate, mono/stereo configuration, and repeatable steps. A screenshot and a short before/after audio example are especially helpful.

support@lydtrold.com