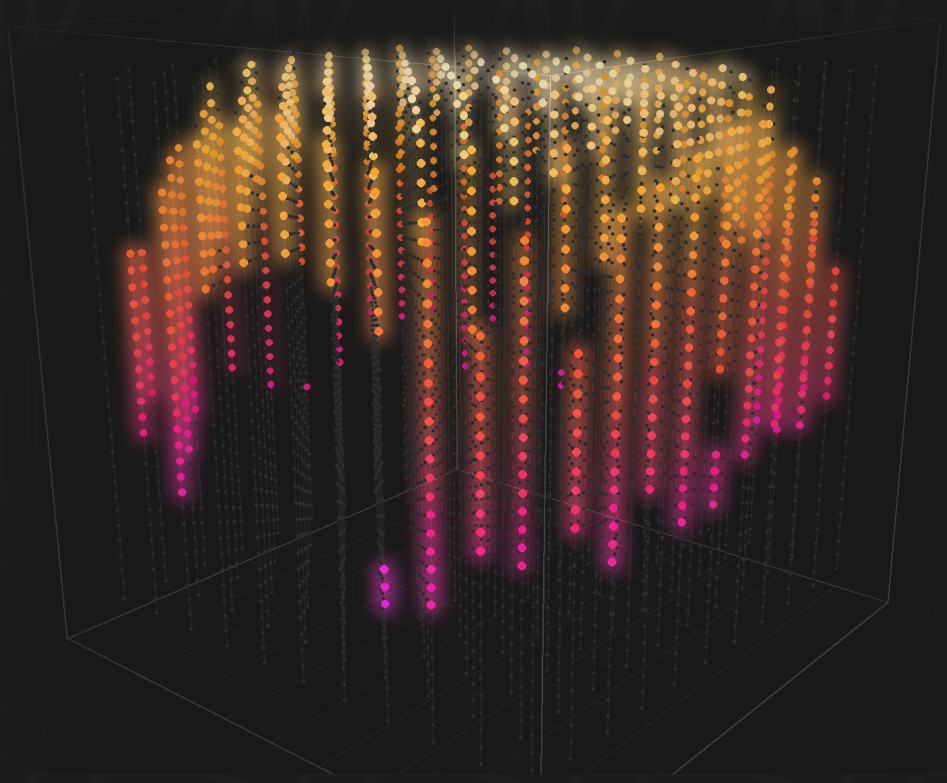
LEDIX SUITE

LED MAPPING AND SHOW CONTROL

FEATURE GUIDE / VERSION 2.58

2D MAPPING • 3D VOLUMETRIC MAPPING • NO LED LIMIT • LAN NATIVE •
DEVICE DISCOVERY • FIRMWARE UPDATES • SNAPSHOTS • MIDI •
STREAM DECK • OSC • LIGHTING CONSOLES • SPOUT • NDI • CAMERAS •
VIDEO FILES • 97 EFFECTS • 3D MODELS • 1499 DMX FIXTURES •
AUDIO REACTIVE • SCENE GRID • CUE LIST • BEAT SYNC •
SECOND SCREEN • HUE LOCKS • DDP • SACN • ART-NET • 240 FPS



LIGHT. RE-ENGINEERED.

FOX

CONTENTS

OVERVIEW

03 LEDIX SUITE AT A GLANCE — What it does, in one page

LEDIX HUB

04 DEVICES — Find, control and update every controller
05 YOUR NETWORK — Discovery and output on your LAN

LEDIX MAPPER

06 THE MAPPER — One screen to build and play the rig
07 MAP ANY SHAPE — Strips, matrices, rings, curves and fixtures
08 SET UP A RIG FAST — Shapes, batch editing and addressing
09 TRUE 3D — Lights mapped through a real room
10 VIDEO AND EFFECTS — Any video source and 97 effects
11 COLOUR AND MUSIC — Palettes, hue locks and audio
12 SCENES AND LIVE SHOWS — Many looks at once, cues and tempo

LEDIX SUITE

13 MIDI AND STREAM DECK — Your controllers, bound in seconds
14 OSC AND LIGHTING DESKS — Hand the show to any desk
15 OUTPUT AND SCALE — Seven standards and no LED limit

WHY LEDIX

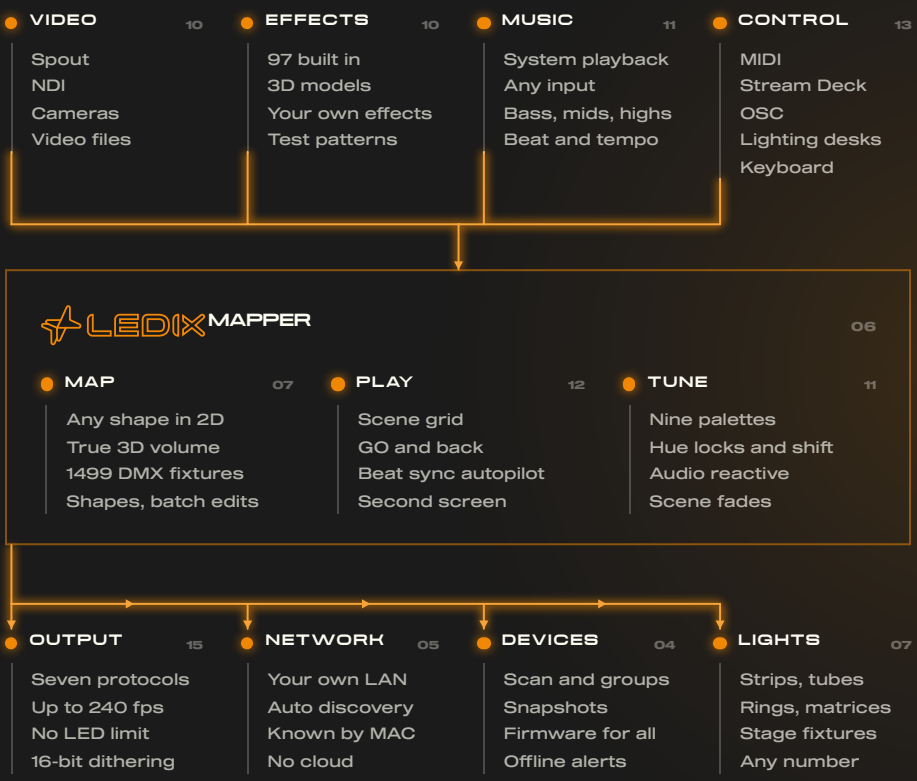
16 ONE APP INSTEAD OF FIVE — The usual patchwork, and Ledix



OVERVIEW

ONE APP. EVERY LED.

Everything you can bring in, what you can do with it, and how it reaches every light.

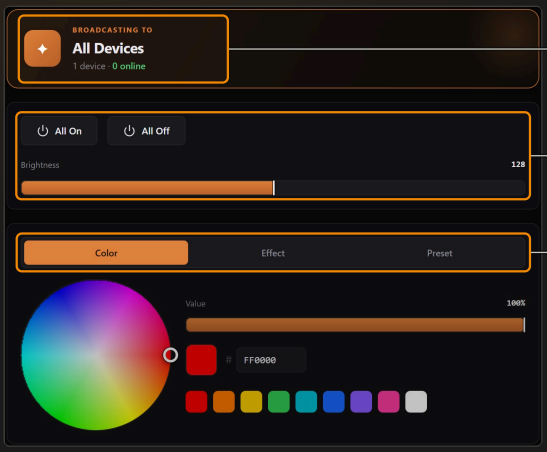


∞	3D	240	7	97	1499
LEDS AND UNIVERSES	VOLUMETRIC MAPPING	FRAMES A SECOND	OUTPUT PROTOCOLS	BUILT IN EFFECTS	DMX FIXTURES

LEDIX HUB

EVERY CONTROLLER IN ONE PLACE

One scan finds every Ledix controller on your network. Drive one light, a group or the whole rig from a single panel.



TARGET
All devices, a group or one device

POWER AND BRIGHTNESS
For everything you target

COLOUR / EFFECT / PRESET
Sent to every segment of every device

SCAN
Every controller on the network, found by name.

GROUPS
Stage, bar, facade, each with its own controls.

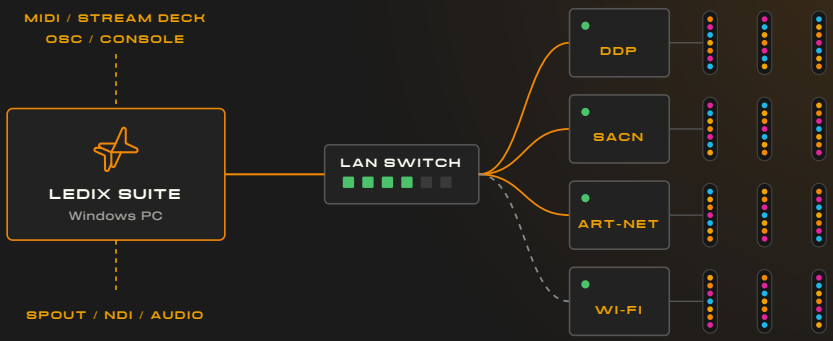
SNAPSHOTS
Save the look of the whole rig, recall it in one click.

FIRMWARE
Update every controller at once, with live progress.

LEDIX HUB AND MAPPER

BUILT FOR YOUR NETWORK

Everything runs on your own network. No cloud service, and no internet needed during a show.



DISCOVERY

Finds every controller, even when a firewall blocks the usual lookup.

KNOWN BY HARDWARE

Names and groups stay put when a controller gets a new IP.

YOUR NETWORK CARD

Choose which adapter the LED data leaves by.

DESKS FIND LEDIX

Lighting consoles discover it on Art-Net by themselves.

LEDIX MAPPER

ONE SCREEN FOR THE WHOLE RIG

Build the rig, choose what it plays and run the show, all from one window.

MAPPING
2D canvas or 3D volume

SOURCE
Video, effect or test pattern

OUTPUT
Brightness, output and blackout



DEVICES
Every strip and group in the rig

CANVAS
The live picture under every LED

SCENES
Scenes, cues and tempo

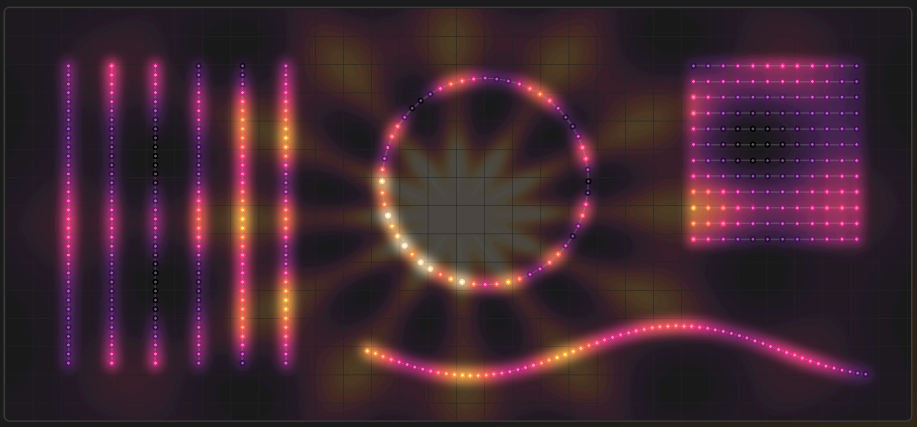
LIVE AS YOU DRAG
Every change reaches the LEDs while you make it.

UNDO AND REDO
For every change on the canvas.

LEDIX MAPPER

MAP ANY SHAPE

Draw each light where it really hangs. Every LED shows the part of the picture it covers, up to 240 times a second.



Tubes, a ring, a matrix and a curve, each lit by the effect beneath it.

STRIPS AND MATRICES

Straight runs and pixel grids, at any angle.

RINGS AND CURVES

Circles, arcs and free curves with control points.

ANY LAYOUT

Point lists from a CSV file, exported from xLights or MADRIX.

STAGE FIXTURES

1499 real DMX lights, mapped with your LEDs.

LEDIX MAPPER

A RIG SET UP IN MINUTES

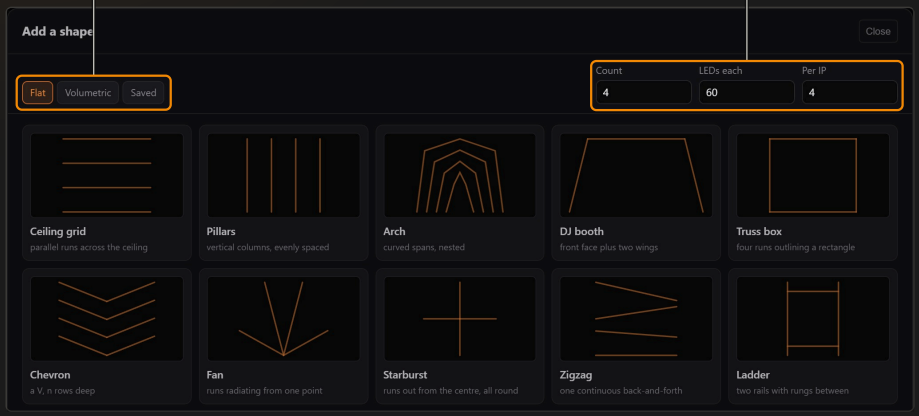
Drop a whole rig in one click, already addressed, then change any number of lights at once.

SHAPES

50 ready made, flat and 3D, plus your own

COUNT AND SPACING

Up to 500 strips, addressed for you





SCAN AND ADD ALL

Every controller on the network, onto the canvas at once.

BATCH EDITING

Address, protocol and LED count for a whole selection.

IDENTIFY

Hold to light the real tube and see which one it is.

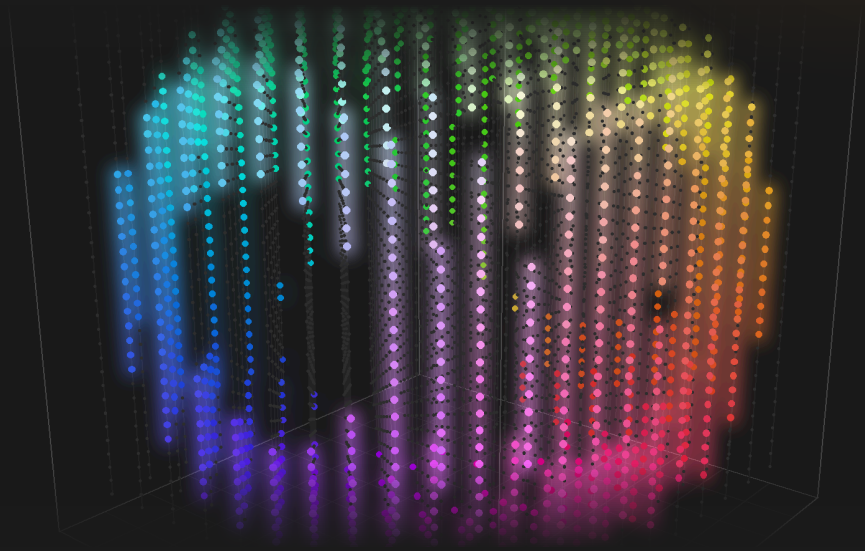
GROUP MASTERS

A fader and a power estimate for every group.

LEDIX MAPPER

TRUE 3D VOLUMETRIC MAPPING

Map lights through a real room, not a flat picture. 3D effects and 3D models fill the whole volume, with no video needed.



* Shown here: 121 tubes and 4,114 LEDs, rendered by the Ledix engine. There is no limit on tubes or LEDs.

A REAL VOLUME

A room from 24 to 96 cubed, seen live in 3D.

LIGHTS IN DEPTH

Z columns and 3D strips run through the room in any direction.

3D EFFECTS

22 effects that draw the whole volume natively.

3D MODELS

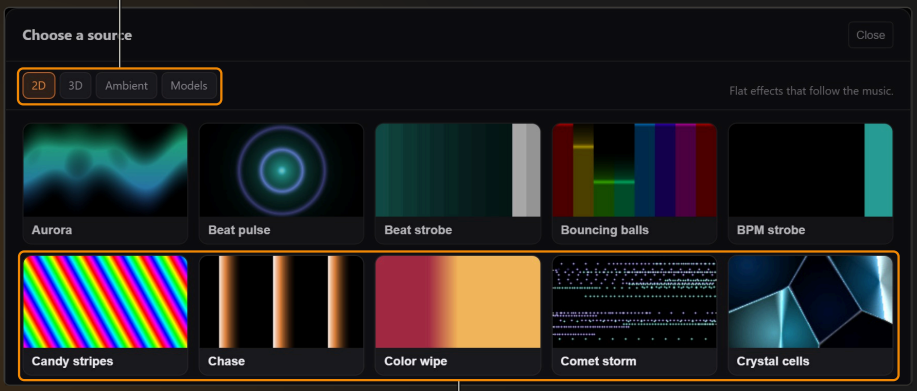
11 built in, or import your own .glb, .gltf or .obj.

LEDIX MAPPER

ANY VIDEO. 97 EFFECTS.

Play video from any source, or the built in visualizers, and switch at any moment, even mid show.

FOUR KINDS
2D, 3D, ambient and 3D models



LIVE PREVIEWS
Every effect shown as it plays

SPOUT
Resolume, TouchDesigner and OBS, shared on the GPU.

NDI AND CAMERAS
Network video, capture cards and virtual cameras.

VIDEO FILES
Loop any clip, with play, pause and restart.

97 EFFECTS
45 2D, 22 3D and 30 calm ambient looks.

LEDIX MAPPER

TUNE EVERY LOOK

Colour and music controls that work across every effect and every source.

EMBER
OCEAN
VIOLET
FOREST
POLAR
SUNSET
GOLD
MONO
RAINBOW

SPECTRUM
32 bands, drag to set the noise gate

METERS
Level, bass, mids, highs and the beat



NINE PALETTES
Plus a custom gradient, shared by every effect.

HUE LOCKS
Turn the whole show one colour at a touch.

HUE SHIFT
Rotate every colour in the show at once.

MUSIC ANALYSIS
Bass, mids, highs and the beat, from playback or any input.

LEDIX MAPPER

PERFORM IT LIVE

Save looks as scenes and play several at once on different lights. Fire them by hand, by cue, or let the music run the show.

COLUMNS
Fire a whole column at once

CUES AND TEMPO
GO, back, tap tempo and beat sync



LAYERS
Opacity, solo, mute and stop

PLAYING NOW
Live scenes are outlined

MANY LOOKS AT ONCE
Each scene keeps its lights, effect and colours.

AUTOPILOT
The next cue fires every few beats, on the beat.

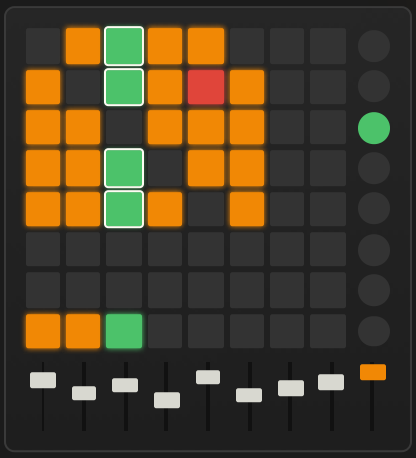
TAP TEMPO
Or follow the tempo the music gives.

SECOND SCREEN
The scene grid on a touchscreen, safe to leave open.

LEDIX SUITE

YOUR CONTROLLERS IN SECONDS

Plug in any MIDI controller or a Stream Deck and put the whole show under your fingers.



Pads light up to show what is loaded, playing and being edited.



14 Stream Deck actions. Scene keys glow in the colour the scene plays.

LEARN

Press Learn, then touch the pad, fader or knob.

RIGHT-CLICK TO BIND

Any slider or scene square in the app.

PROFILES

Save, load, export and import a map for every show.

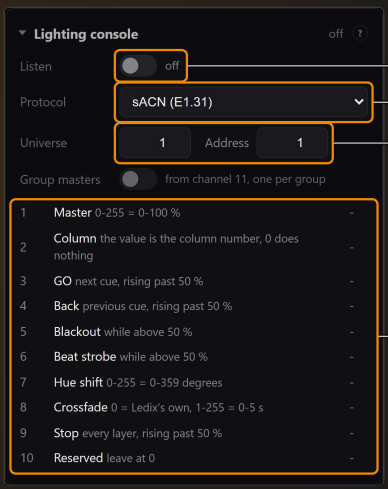
PAD LIGHTS

APC mini mk2, Launchpad style grids and the classic APC mini.

LEDIX SUITE

HAND THE SHOW TO ANY DESK

Drive Ledix with OSC from your media server, or patch it on a lighting console over sACN or Art-Net.



LISTEN

Let a lighting desk drive Ledix

PROTOCOL

sACN or Art-Net

UNIVERSE AND ADDRESS

Where the Ledix fixture is patched

TEN CHANNELS

Master, column, GO, back, blackout, strobe, hue, fade and stop

OSC

An address for every action, from Resolume, TouchDesigner, TouchOSC or QLab.

ANY LIGHTING DESK

grandMA, ETC Eos, ChamSys, Avolites, Hog 4, Onyx and QLC+.

FOUND BY ITSELF

Consoles discover Ledix on Art-Net.

KEYBOARD

21 shortcuts, from blackout to GO.

LEDIX SUITE

NO LIMITS.
SEVEN STANDARDS.

From one strip to millions of LEDs, sent the way your hardware wants it.

NO LED LIMIT

No cap on strips, controllers or universes, and no licence tiers.

DDP	Recommended	**SACN / E1.31**	Multicast, priority
ART-NET	With ArtSync	**LEDIX UDP**	Ledix firmware
TPM2.NET	Pixel data	**KINET**	Color Kinetics
OPC	Open Pixel Control	**DMX FIXTURES**	RGB, RGBW, CMY



UP TO 240 FPS

Output on its own clock, even when the video runs slower.

16-BIT DITHERING

Clean fades all the way down to the last glow.

RGB AND RGBW

Any colour order, for third party pixel nodes too.

RUNS EVERY NIGHT

Output starts off, and a failed controller never slows the rest.

WHY LEDIX

ONE APP INSTEAD OF FIVE

Most LED rigs run on a patchwork of tools: a device app, a mapper, a VJ program, an audio plugin and a MIDI bridge. Ledix Suite replaces the lot.

	THE USUAL WAY	LEDIX SUITE
SOFTWARE	Four or five programs that barely talk to each other	**One app, one window, one licence**
LED LIMIT	Priced or capped per universe	**No limit on LEDs, strips or universes**
FINDING DEVICES	Typing IP addresses, a browser tab per controller	**One scan finds every controller by name**
FIRMWARE	Updated one device at a time	**The whole rig updated at once**
CONTENT	Made or bought in a separate VJ program	**97 built in effects, plus any video you have**
VIDEO TO LED	Built in outputs capped near 40 fps, often one protocol	**Up to 240 fps on seven protocols**
3D ROOMS	Flat 2D mapping only	**Full voxel mapping, 3D effects and 3D models**
MUSIC	An extra plugin, one level for everything	**Built in: bass, mids and highs, on the beat**
CONTROL	A bridge app for every controller	**MIDI, Stream Deck, OSC and consoles built in**
LIGHTING DESK	Bridge boxes and hand made patches	**Patch one Ledix fixture and go**
FEED DROPS	The rig goes black	**A backup look fades in by itself**

LEDIX
LIGHT. RE-ENGINEERED.

Designed and built by
FOX
FOXLENS