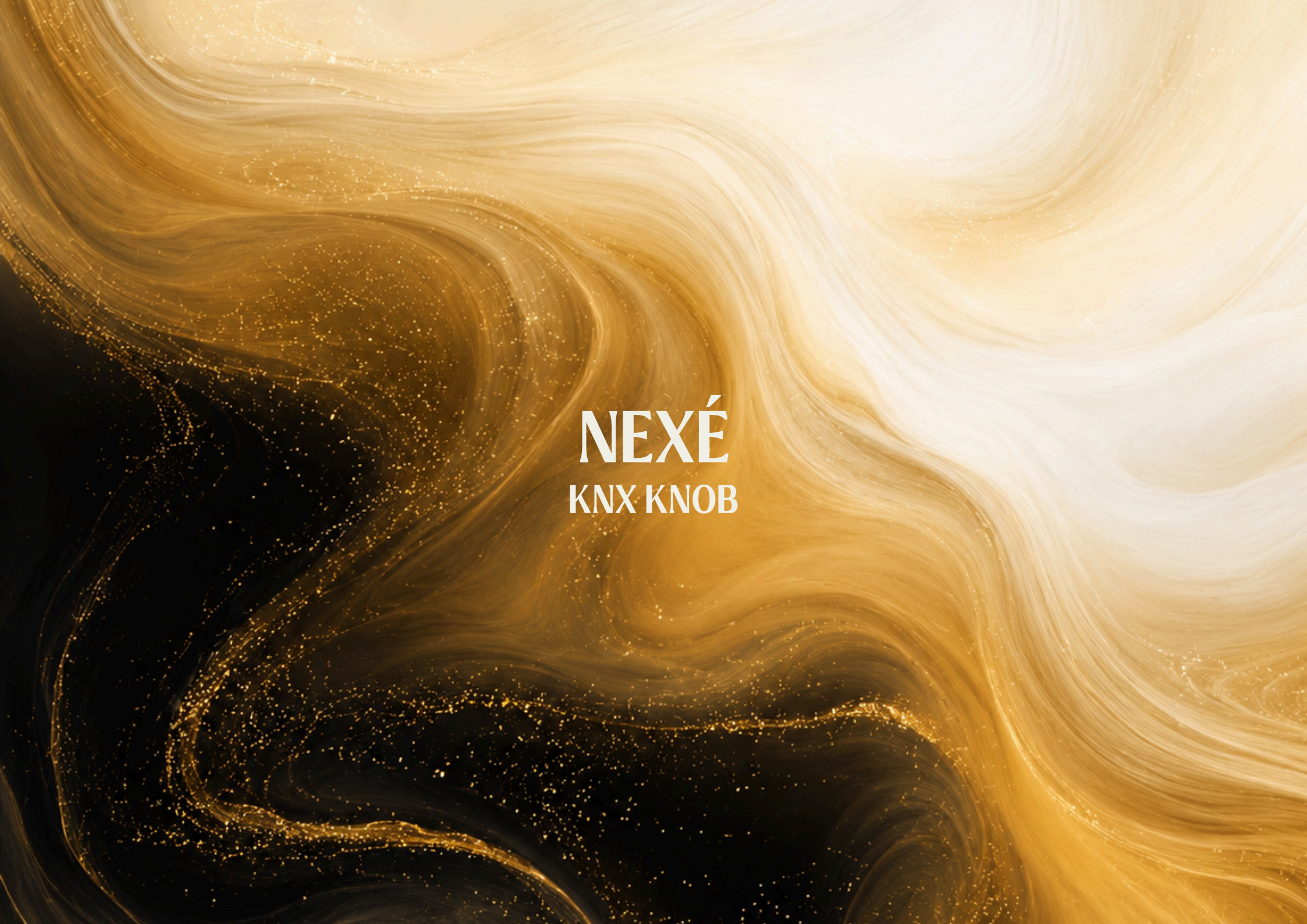

NEXÉ
KNX KNOB

Atlas *Knob*

A precision rotary controller for KNX installations — configure behaviour, functions and the full KNX group address map directly from your browser using the **Atlas Configurator**. No specialist tools. No ETS rework. Reconfigured at the site.

TWO-WAY COMMUNICATION **SITE CONFIGURABLE** **KNX BUS DEVICE**
BROWSER CONFIGURED **MULTI-FUNCTION** **KNX NATIVE** **ATLAS KNOB**

Two-Way · Command & State Sync — Physical feedback meets intelligent control

ABOUT·ATLAS KNOB

One knob.
Every function.

The Nexé KNX Atlas Knob is a versatile rotary input device for KNX bus installations. Each press cycles through fully configurable functions — dimming, shade control, scene activation, and more — with real-time state feedback over the KNX bus.

Unlike traditional push buttons that require ETS programming changes for every function update, the Atlas Knob exposes its entire UI and KNX configuration through a clean browser interface. Installers can remap group addresses, reorder functions, and update behaviour on-site without opening ETS.

How it *Works*

INPUT
Rotate / Press

Physical gesture on Atlas Knob

→

DEVICE
Atlas Knob

Resolves active function & value

→

BUS
KNX Bus

Telegram sent to group address

→

OUTPUT
Actuator

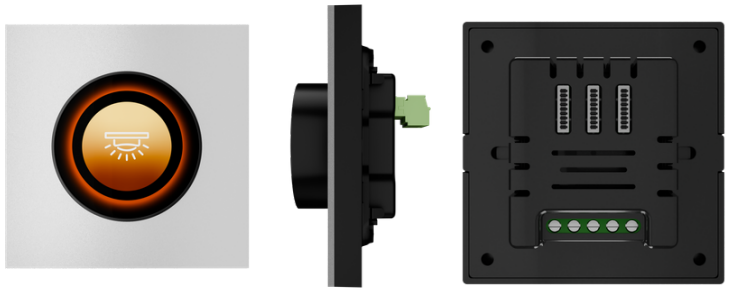
Light, shade, HVAC responds

COMMAND PATH →

A rotation adjusts the current active function's value — dimming level, shade position, or setpoint. A short press cycles to the next configured function. The knob sends the correctly typed KNX telegram to the mapped group address instantly.

← STATE SYNC

Any change triggered by another device — a wall switch, a scene, a scheduler — is read back from the KNX bus and reflected on the Atlas Knob's display ring in real time. The physical state of the installation is always visible on the device.



Why *Atlas Knob?*

01
Two-Way KNX Communication

Sends commands and receives state updates simultaneously on the KNX bus. The knob always reflects what is actually happening in the installation — not just what was last requested.

02
Multi-Function Per Press

Each short press cycles the active function — dimmer, shades, HVAC setpoint, scene, or any custom KNX datapoint. Functions are user-ordered and fully relabelled through the browser UI.

03
Browser-Based Configuration

The complete UI layout and KNX group address mapping is configured through a built-in web interface. No proprietary software. No ETS plugin. Any device with a browser on the same network can configure the knob.

04
Minimised ETS Effort

Only the bus connection and group addresses need to be defined in ETS. All function logic, UI behaviour, and display configuration is handled by the knob itself. ETS changes are needed only when adding entirely new group addresses.

05
Native KNX Bus Device

Communicates directly on the KNX TP bus. No IP gateway required for the device itself. Works with any compliant KNX installation and any ETS project.

06
OTA Firmware Updates

Firmware is updated over the air through the same browser interface. New datapoint types, display modes, and features are delivered without site visits or hardware changes.

SIGNATURE FEATURE

Atlas Configurator — Dynamic On-Site Function Assignment

Unlike any other KNX panel on the market, the Atlas Knob ships with zero pre-assigned functions. Every slot is configured at the site — assign Dimmer, Shades, or HVAC in any combination through a browser interface served by the device itself. Change a room's function in minutes without touching ETS, ordering new hardware, or calling a specialist.

Configured at the site. Not the factory means ordering different hardware, revisiting ETS, and sending a specialist back to site.

The Atlas Knob is different. Every function slot is configurable directly on-site using the Atlas Configurator — a built-in browser interface served by the knob itself. Open it on any phone or laptop on the same network. No app, no software, no ETS revisit.

TRADITIONAL KNX PANELS

Fixed at the factory

- Function type set at manufacture — cannot be changed
- Separate SKU required for each function type
- ETS specialist needed for any configuration change
- Hardware swap required to change function on site
- Integrator must stock multiple panel variants

NEXÉ ATLAS KNOB

Configured at the site

- Any slot assignable to Dimmer, Shades, or HVAC
- One device covers every function combination
- Browser-based — any phone or laptop, same network
- Reconfigure in minutes, no specialist required
- Single SKU stocked, infinite configurations possible

EXAMPLE SLOT COMBINATIONS — ANY MIX IS VALID

DIMMER	DIMMER	DIMMER	— OFF
DIMMER	DIMMER	SHADES	— OFF
DIMMER	SHADES	HVAC	— OFF
SHADES	SHADES	HVAC	— OFF
DIMMER	DIMMER	DIMMER	HVAC

Disabled slots are skipped automatically in the press cycle.

Why it *matters.*

Dynamic site configuration changes how integrators work and what end users experience. One device. Every function. Reconfigured in minutes — not days.

FOR INTEGRATORS

Stock one SKU, cover every project

A single Atlas Knob model handles Dimmer, Shades, and HVAC in any combination. No need to pre-order function-specific panels per room. One device type fits every installation scenario.

FOR END USERS

A home that adapts to how you live

Repurpose a room without rewiring. Convert a guest room's dimmer to HVAC control. Add shade management to a study. The installation evolves with the occupant — not with the original floor plan.

FOR INTEGRATORS

Respond to changes on the day

When a client changes their mind about a room's function — as they always do — the Atlas Knob adapts in minutes on site. No return visit, no ETS session, no replacement hardware required.

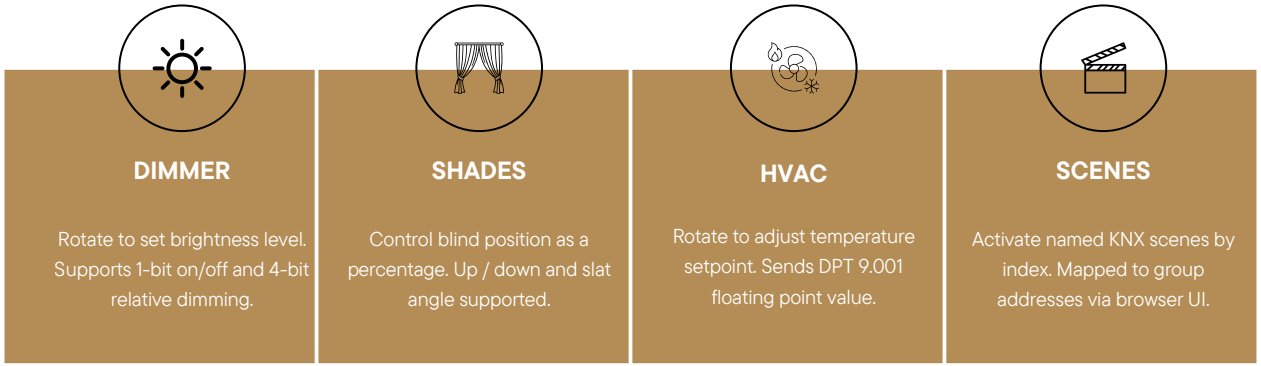
FOR END USERS

No ETS, no expert, no wait

Function changes are handled through the Atlas Configurator — a plain browser page accessible from any phone on the home network. A trained user can reconfigure without scheduling specialist time.

Supported *Function Modes*

Each press cycles the knob to the next function. Rotate to adjust. Configure order and group addresses in the browser.



At a *Glance*

Bus Interface	KNX TP (Twisted Pair)	**Configuration**	Browser-based UI · Same-network
Communication	Two-way · Command & State Sync	**Functions per Device**	Up to 3 (user-configurable)
Supported DPTs	1.001 · 3.007 · 5.001 · 9.001 · 18.001	**ETS Integration**	Minimal — group address assignment only
Firmware Updates	OTA via browser	**Compatibility**	All compliant KNX TP installations

HOW TO CONFIGURE — 4 STEPS, NO TOOLS

STEP 01

OPEN BROWSER

Navigate to the knob's local IP on any device on the same network.

→

STEP 02

ASSIGN FUNCTIONS

Select Dimmer, Shades, or HVAC for each slot. Disable unused slots.

→

STEP 03

ENTER GROUP

Addresses MapKNX group addresses per slot. Correct DPT shown automatically.

→

STEP 04

APPLY TO DEVICE

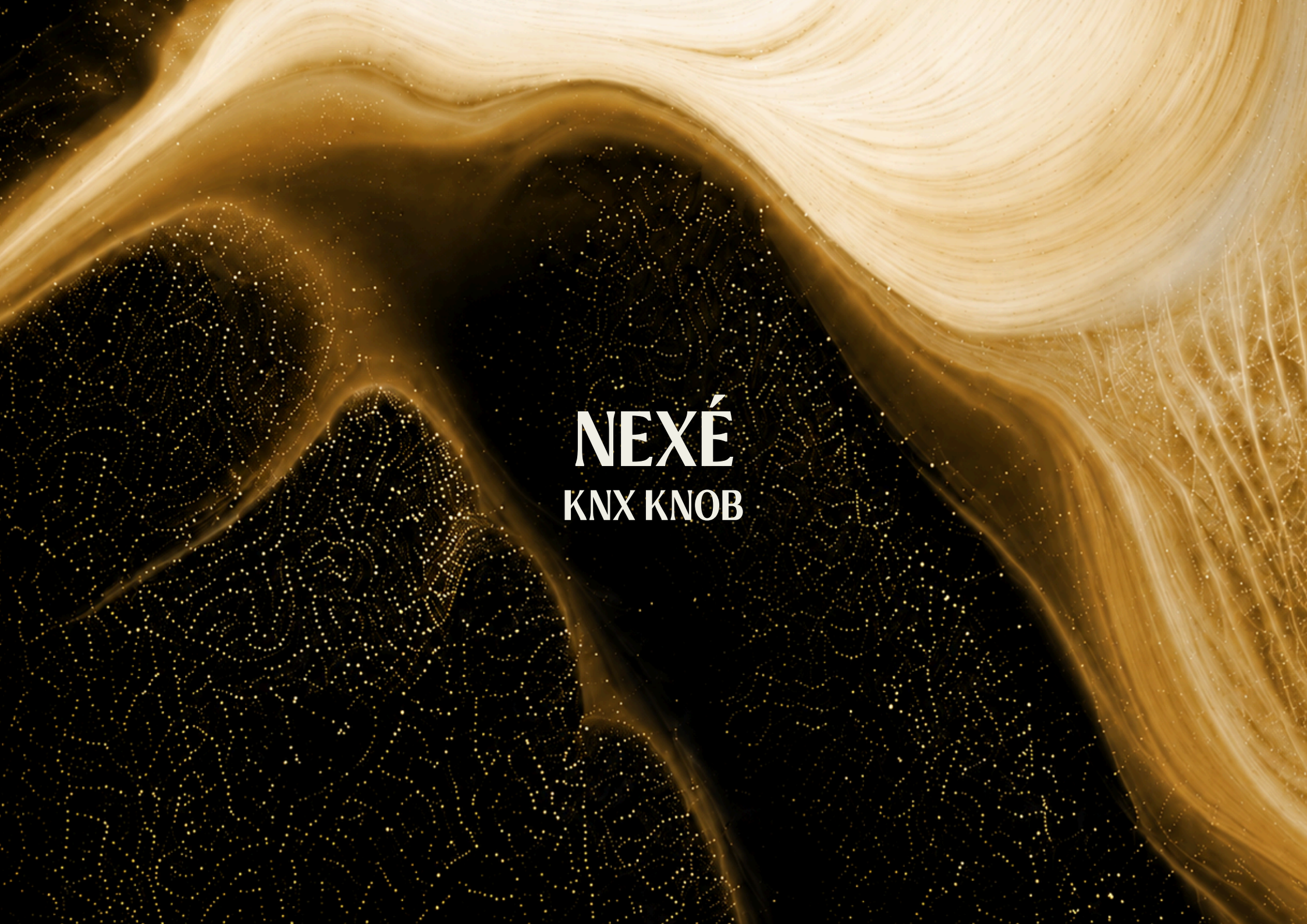
Changes push to the knob instantly. No reboot. No ETS change.

Custom functions: Any KNX datapoint type can be assigned to a function slot through the browser configurator — value switches, counters, percentages, and more. Functions are named, reordered, and enabled per installation without ETS changes.

"Configure once. Reconfigure always — without leaving the room."

NEXÉ

KNX ATLAS KNOB · PHASE 1
DESIGNED & DEVELOPED IN-HOUSE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