NANOBLUE MEDIA CONTROLLER

One controller.
All systems.

The nanoblue Media Controller is the control center for your AV system: configured entirely in the browser, vendor-independent and able to run locally. The cloud is always optional.



THE CONTROL CENTER FOR EVERY ROOM

Less hardware. Less software. Less complexity.

The entire control logic is wired graphically and runs directly on the device, reliably even without an internet connection. Not a single application needs software to be installed.



Everything in the browser

Configuration, programming and operation with no software installation, on any operating system.

Edge-first

Runs entirely locally, even without internet. The cloud is always optional.

Open protocols

REST, MQTT, TCP/IP, WebSockets and NMOS, plus ready-made plugins from Dante to Q-SYS.

Stream Deck integrated

Bitfocus Companion runs directly on the controller. Just connect a Stream Deck.

AI-assisted programming

Logic, automations and device drivers are created in minutes instead of hours.

Remote engineering

Develop, test and roll out projects remotely, with no VPN and no on-site visit.

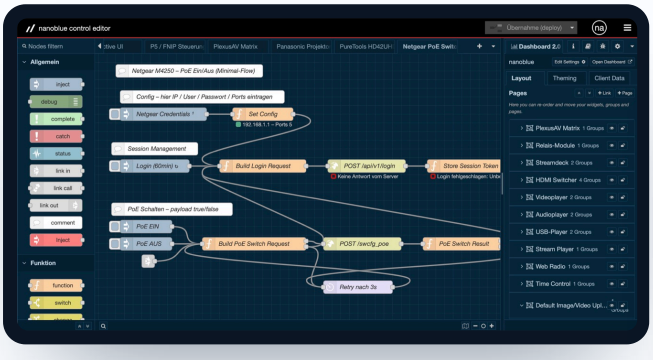
Drive 300 km to change a button?

With remote engineering you develop, test and maintain projects entirely from a distance. Changes to logic and user interface are rolled out in minutes.

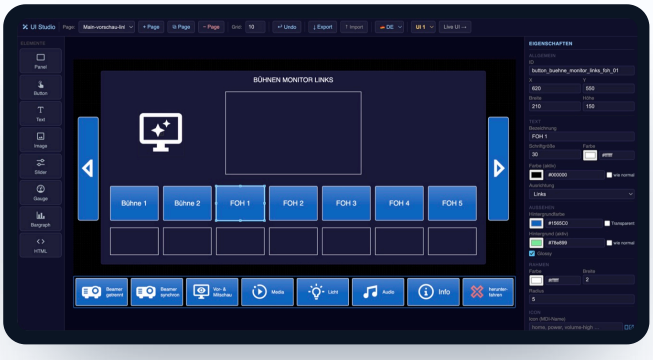
VENDOR-INDEPENDENT

Talks to the devices you already have.

The controller speaks the languages of the AV world and comes with ready-made plugins. Thanks to open web standards, you can even embed your own HTML/CSS/JS interfaces directly.



nanoblue Editor: wire control logic graphically



UI Studio: user interfaces by drag and drop

PROGRAM

nanoblue Editor
Wire logic and workflows graphically

AI Assistant
Generate function logic from a text prompt

3rd Party API
Integrate devices via open protocols

OPERATE

UI Studio
Design interfaces in your own look

Interactive UI
Touch panel, browser and phone, 4 UI slots

Companion
Stream Deck directly on the controller

RUN

Remote engineering
Develop, test and roll out remotely

Device Analytics
Device monitoring in real time

Cloud Server
Optional: remote access and alerts

Ready-made plugins and interfaces (selection)

Dante · Q-SYS · Netgear · Lightware · PureLink · PlexusAV · Yamaha · Allen & Heath · Bettear · Gude · Blaze · Pixera · Avonic · Sharp · Xilica · Bitfocus Companion · MIDI/OSC · DMX · DALI · KNX

TECHNICAL DATA

Small in the rack. Big on control.

HARDWARE

Platform	Single-board computer
Operating system	Linux
Processor	4× 2.4 GHz
Memory	4 GB RAM
Storage	256 GB SSD
Network	1× Ethernet, Wi-Fi
USB	4× USB
Power supply	external USB-C power adapter included
Dimensions	8 × 6 × 4 cm

SOFTWARE AND OPERATION

Configuration	Entirely in the web browser, no software installation
Protocols	REST, MQTT, TCP/IP, WebSockets, NMOS, GraphQL
Included	nanoblue Editor and nanoblue User Interface
Software	Logic engine, UI Studio, Interactive UI (4 UI slots), DS Studio, Companion
Plugins	incl. Dante, Q-SYS, Lightware, PureLink, Netgear, Gude, PlexusAV, Bettear, Allen & Heath, Avonic
Operation	24/7 operation, runs locally, cloud optional



TYPICAL APPLICATIONS

- **Meeting and conference rooms:** Display, audio, camera and lighting at a touch
- **Training and event rooms:** Scenes, signal routing and sound reinforcement
- **Museums and experience spaces:** Shows and sequences, triggered by the visitor
- **Buildings and sites:** Control many rooms consistently and maintain them remotely

MORE ABOUT THE MEDIA CONTROLLER

www.nanoblue.at

Scan the QR code: product page, functional description and further documents.

YOUR CONTACT

Michael Trescher

+43 7236 346834 · office@nanoblue.at
nanoblue, Zeilerberg 35, 4224
Wartberg ob der Aist, Austria