

QUATRIX+

The ultimate AV-controller



L'essgen

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QUATRIX+ is the ideal multi-functional AV-controller. It is suitable for all kinds of situations - permanent installations, slide festivals, on stages, in the theatre and for private use. What ever your situation, QUATRIX+ will master it.

Survey

QUATRIX+ is a device to control up to four projectors, it offers four 0-10V interfaces

and an intergrated CD-Player remote control for interactive use during presentations. The status of the projectors can be monitored on the LCD-display. Through different interfaces modern projectors can be integrated in almost every multimedial set up. QUATRIX has already mastered lots of difficult situations and has proofed its reliability. QUATRIX+ furthermore offers an

additional interface for stage equipment.

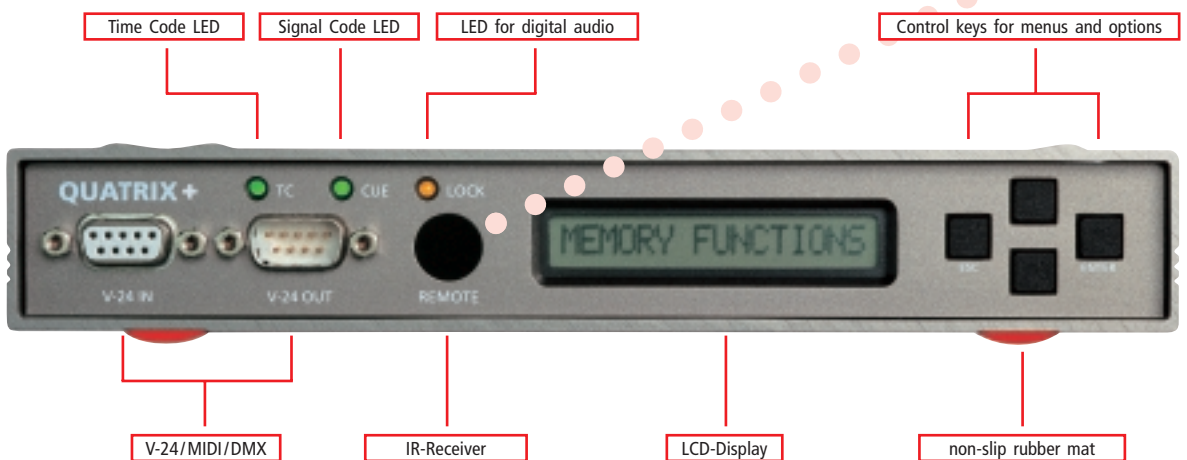
Open design

For many years now our devices are software updatable. The actual unit is updated easily and efficiently using your own PC. The newest version is always available on our internet-pages.

Future technology is released now by QUATRIX+.

Flexible configuration

Complex applications no longer demand that you purchase multiple units to fulfill every different need of your installation. Display and cursor-keys allow you to configure QUATRIX+ for any task at any moment. Even when default settings are sufficient for most demands, there is flexibility for special needs. For example different pro-



jectors can be connected. Enter all relevant data of each type of projector using the QUATRIX+ built-in software. Each port may be individually configured, not only defining the type of projector, but also its system adress.

There are many and diverse ways of arranging your unit.

A true interpreter

QUATRIX+ reads multiple controlling signals, not only „our“ domestic signals FreeTrac and PlusTrac but also a wide slope of control signals for AV-equipment such as Dataton Syncode, Leitz DU 24, Simda F101, Kodak P-Com and many others. Moreover, it reads all these signals equally well

whether coming from analog tape or having been encoded into digital audio. The most important signals are even recognized by QUATRIX+ automatically.

Memory function

QUATRIX+ has got four internal memories, in each of which an AV-production may be sto-

red. So QUATRIX+ enables for example endless presentations without tape or CD. Via an external keyboard the memories can be activated. Interactive, „press-the-button-to-start“ slide presentations (often used in museums) are realized by QUATRIX+ without the need for any further equipment.



Light-control with DMX-512 QUATRIX+ makes it possible to control projectors by the worldwide standardized DMX-512 signal. Any type of projector which can be connected to QUATRIX+ may be integrated in professional light-technique without effort. Complicated and expensive software is therefore not necessary. Through cable the QUATRIX+ is grinded in the DMX-512 signal, the

menu sets the DMX-addresses and the projector can be operated as easy as a spotlight.

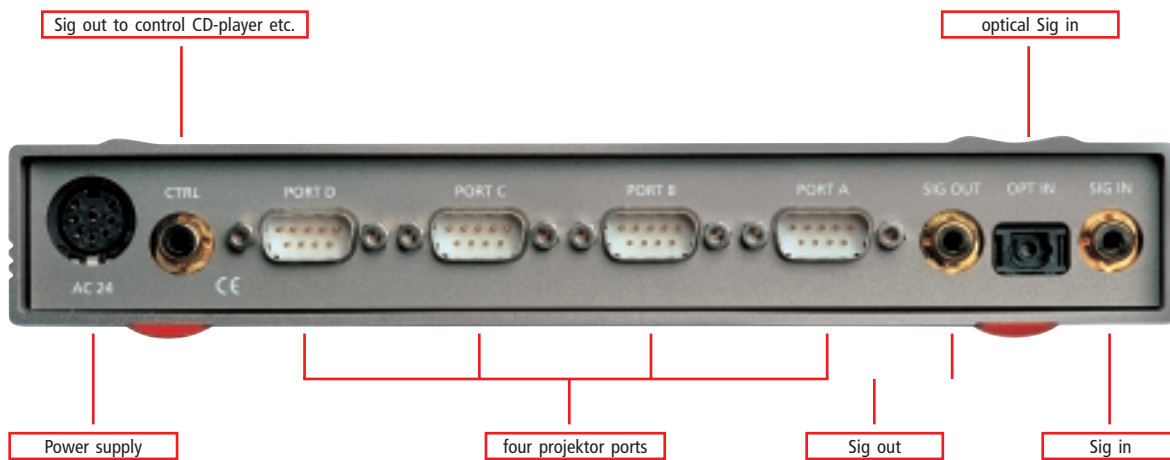
QUATRIX+ and MIDI

The MIDI-interface in QUATRIX+ opens up undreamt-of possibilities. All functions of the projectors may be controlled through MIDI-commands. On stage, together with live-

music, any MIDI-sequencer, using any MIDI-software can control all projectors connected to QUATRIX+. MIDI-equipment is connected to the V24-IN bus. A table with all necessary MIDI-commands and addresses is enclosed with the device.

Projector ports

Connecting cables are available for different types of projectors. The number of projectors is recognized automatically and you have the liberty to dedicate ports to auxiliary functions. Each port then offers three auxiliary-relays. The AC-24 bus is able to offer another three additional aux-relays. Quatrix is powered through its



AC-24 bus or through one of the projector ports (only with 24V-projectors).

Infrared remote control

Important functions of QUATRIX+ can be controlled from a distance. At live-presentations and in the „speaker-support“-mode the remote control is an ideal connection between you

and QUATRIX+. Further options are parallel-projection, random access etc. It also controls focusing of Ektapro projectors. Here QUATRIX+ passes the command on to the active projector.

Software

The windows based software IMAGIX 3 comes together with

each QUATRIX+ advanced. It enables you to program and test a time-code synchronized show and even store it in the unit's internal memory. Moreover, QUATRIX+ may also be used with our top-of-the-line software IMAGIX 5.

IMAGIX 5 offers visual programming and hard-disc recor-

ding. For more information see our separate IMAGIX leaflet. ■

The family:

QUATRIX+ is available in two software upgradable versions.

QUATRIX+ advanced is provided with all options including the IR-remote control.

QUATRIX+ basic is primary a playback-device which may be extended later. It can't be used for programming with IMAGIX 3, has no internal memory and doesn't include the IR-remote control. All MIDI and DMX-functions are fully available. The QUATRIX+ advanced upgrade may be added any time.

QUATRIX+ basic

- ❑ Offering playback of FreeTrac, PlusTrac, Dataton Syncode, and other signals from analog tape or encoded into digital audio
- ❑ Extensive menu-controlled configuration and addressing of each projector port and of the interfaces through display and keyboard
- ❑ Controlling all projectors through MIDI-commands
- ❑ Controlling all projectors through DMX-512 signals
- ❑ Four 10 Volt outputs
- ❑ CD-player remote control via RC5 / ESI
- ❑ Additional auxiliary-relays
- ❑ IR-remote control as add-on available

QUATRIX+ advanced offering additionally

- ❑ IMAGIX PC software using SMPTE-timecode based synchronization
- ❑ Four integrated memories to store productions
- ❑ IR-remote control for live presentations („speaker support“) and remote functionality
- ❑ Programming software IMAGIX 2.1 (DOS) and IMAGIX 3 (Windows) are included
- ❑ Memory playback using SMPTE-timecode or internal clock

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Connections

Port A-D: four projector ports to connect both serial and conventional AV-projectors. Each port may be configured individually and may alternatively offer three aux-relays.

AC-24: Connects to the optional external mains adapter and offers three additional aux-relays.

Sig-in: Signal input for control signals (PlusTrac, Syncode, FreeTrac ...) of analog or digital sources, selectable or autosense modes.

Sig-out: Signal output for recording and for chaining to other QUATRIX units.

CTRL: Output of ESI RC 5 commands to control CD-player, etc.

Opt in: Optical input for digital audio.

V-24 in: Serial interface to connect a computer, a 10 V-interface, and MIDI-input (via adapter).

V-24 out: Serial out, external keyboard, DMX-512 signal input (via adapter).

Display

- 16 character LCD-display
- 3 LEDs to indicate input signals

Power

24 Volt from projector A, B, C or D (phase independent), or from mains adapter (AC-24 bus)

Housing

Alu, titan coated

Dimensions

- width 216 mm
- depth 136 mm
- height 36 mm