

CONSOLES

MICRON4D



Top of the line Lighting Console for Any Lighting Applications including Moving-Lights Control

Micron4D (item code - 126-004) is powerful lighting console designed to control up to 2048 DMX512 channels. The channels can be flexibly assigned to control 1536 dimming channels (including scrollers) and 250 moving lights or other DMX controlled devices.

The Micron4D integrated programming and playback controls give the operator direct access to all console features, making it suitable for large professional lighting application such as operas, theater, and TV studios. Whenever there is a need for advance editing tools and fast moving lights manipulation Micron4D is your tool.

Micron4D is perfect for these long nights of programming with an ergonomic interface, and an integral hard-disk featuring Auto-Save to protect you from losing data. All data can also be saved to the integral floppy disk or remote file server via Ethernet.

Micron4D supports full connectivity with CompuCAD and WYSIWYG simulation software to enable full pre-programming of your show completely off-stage, and generating powerful rendered images of your simulated stage and lighting.

The full Ethernet support of the Micron4D allows users to distribute all DMX512 outputs, MIDI & MSC, remotely control and monitor the console, and display system screens. This can be achieved using Compulite's range of Ethernet nodes -CompuLINK, VideoLINK, and E-Mix (Ethernet-DMX converter).

A full tracking Backup system is available to ensure failsafe operation under any circumstances.

FEATURES

- Micron4D supports up to 2048 channels, using 4 DMX512 connectors.

- 2 dipless automatic split crossfaders with illuminated Go buttons, LED displays for current and incoming memories, and dedicated control keys for various functions.
- 8 Controllers/Chasers supporting memory ranges loops as chasers, group, memory, and submaster assignments for manual or automatic fades.
- 10 Faders supporting group, and memory assignments.
- Alphanumeric LCD displaying controller and fader assignment status.
- An integral touch-screen with various modes provide a Numeric Soft key Bank with 9 function modes, which allows single press access to Libraries, Macros, Snaps, Groups, Palettes, Effects, and QLists. In other modes the touch screen provides direct access to moving lights parameters and to various console features.
- 2 Inhibitive Submasters that may be used for all channels/spots, playbacks or DMX Input.
- Micron4D editing control includes 1 vertical wheel for Dimmer control, 4 banked wheels with Graphic LED displays for moving-light parameters and a trackball for moving-light pan/tilt control.
- Up to 100 Q-lists, which may contain over a 1000 memories, each ranging from 0.1 to 999.9 and supporting Loops and Links between them.
- Memories can be divided into 9 Parts. Each may contain any combination of channels, scrollers, and moving-lights with separate fade and wait times.
- 3 Libraries holding up to 99 entries each provides a tracking Database for focus (Position Library), colors (Color Library) and beam (Gobo Library).
- Palette database may hold up to 999 entries and provides a non-tracking editing tool for any parameter value combination.

COMPUTLITE

- 999 Selection Groups of spots, scrollers, and channels can be stored for one press selection.
- Effect editor for creating complex movements in seconds for channels, scrollers and moving lights and an extensive Bundled Effects package stored on the hard drive. Up to 999 effects may be stored in the system memory.
- Fan for quick fixture alignment in various fan patterns.
- Up to 99 Snaps provide snapshotting capabilities of all playback devices, including assignments and running state.
- 999 Powerful Macros can be created to simulate any key sequence and triggered via soft-keys, memories, MIDI, SMPTE, DMX-in channels and more.
- Events for complex playback operations can be operated manually or programmed to be triggered by memories or SMPTE time-code.
- Text may be added to any user data from libraries to show files via the optional Multi-lingual Text Keyboard.
- Look-Ahead function moves spot parameters and scroller value to their next programmed location automatically before the fixture dimmer is turned on.
- Manual fade patterns may be learned and played back via the automatic Crossfader.
- Chasers may be manually taught beat pulses and played back by assigned beat or by assigned rate.
- Scheduler for scheduling one time or repeating macros, events and snaps executions according to dates, weekdays and hours or according to intervals.
- Moving-Light Types (Devices) can be selected from an extensive library installed on the system's hard-drive. Devices may be fully edited, from names to wheel-bank assignments including parameters behavior, default values (Home) and more.
- Multi-layer patching enables user to distribute the logical channel configuration from 1 - 2048.
- 2 display screens feature various live data, exam displays of all data, and much more.
- The integral hard drive automatically saves all data every few minutes using the Autosave function. An integral floppy disk is also provided and archiving data via Ethernet to a remote file server on a PC is a synch using



Compulite File-Server software.

- 99 Autochases.
- Internal SMPTE clock for triggering Memories, Events and Macros.
- Full CAD support for CompuCAD and Wysiwyg including 3D simulation of the stage and spots parameters manipulation in real-time for both software.
- MIDI - standard IN/OUT/THRU, MIDI Show control (MSC) and MIDI over Ethernet - all for interfacing and syncing with other MIDI controlled devices, Master/Slave operation of two consoles.
- Print directly to any parallel printer. Prints memory sheet, memory contents, Libraries, Macros, and more.
- Ethernet communication featuring full Remote Control of the console, DMX Distribution, Displays Distribution and Remote File Server.
- Support for LCD monitors.
- 1 dimmable desklight.
- Full Tracking Backup support system via Ethernet to ensure failsafe operation under any circumstance.

TECHNICAL DESCRIPTION

Power Supply

AC In/Thru 100 -240 VAC 50/60 Hz

Out 30w Max

Dimensions

Width: 92 cm (36.2")

Depth: 46 cm (18.1")

Height: 11 cm (4.5")

Weight: 11.7 kg. (26.3 lb.)

Processor Unit

Pentium

4 MB flash program memory

2 MB data memory with battery backup

Connectors

Mains power in

Mains power out (for monitor)

4 DMX512 output

Ethernet 10BaseT

MIDI In/Out/Thru

DMX In

SMPTE In

1 SVGA/LCD video outputs (2nd optional)

Alphanumeric keyboard

Printer port

Remote Bus

Serial port RS232

1 desklight connector (12v)

ACCESSORIES

- Full Tracking Backup with Remote Control unit
- Universal Wireless or Cable Remote Control (UWR/UCR) or Remote Control Unit (RCU)
- Macro Extension Wing
- Submaster Wing
- CompuCAD
- CompuLINK
- VideoLINK
- E-Mix/E-Mix2
- Alphanumeric text keyboard
- Parallel printer

*Specifications are subject to change without prior notice

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