

CONTROL EVERY MOMENT.

AX2



MAIN FEATURES:

- Adjustable 15.6" Full HD multi touch screen
- 2x external 4K Touch Displays
- 32 Universe integrated processing
- 10 Playbacks
- 8 Encoders
- Keypad and internal 3.5" touchscreen
- Network, DMX, Timecode and Midi Connectivity
- Obsidian Control Systems ONYX Software
- DYLOS Media Engine with 5 Zones of Pixel Control



The logo consists of the text "AX2" in a white, bold, sans-serif font, centered within a solid purple square.

EVERY UNIVERSE AT YOUR FINGERTIPS.

The AX2 is the ultimate compact yet powerful fully integrated lighting controller. This is the first console in the ADJ portfolio which derives from the innovative Obsidian Control Systems ONYX platform. The AX2 includes a high brightness Full HD multi touch screen, 8 assignable parameter encoders, an assistive mini touch screen, full keypad and command section, a dedicated grand master and 10 full playbacks with four freely assignable buttons. Utilizing the latest in industrial components the AX2 contains a powerful Intel Hexa-Core processor, high speed NVMe SSD drive and 16GB of DDR4 RAM. Fast boot times, instant operation and the ability to process 32 Universes right inside the console without the need for costly external processing networks result in unprecedented power in this form factor. The AX2 is ergonomic with its compact footprint, full ONYX command and keypad section and the bright adjustable HD touch screen. It is always ready to run the largest shows and events at a moment's notice. With four DMX ports, Timecode, Midi and dual Gigabit ports for up to 32 Universes of Art-Net, sACN plus the ONYX X-Net protocol the AX2 has all the connectivity and power the ever-increasing sizes of shows demand. Two additional 4K touch monitors are supported for even more direct access at any time.



Obsidian Control Systems' **ONYX** delivers professional-grade lighting control in a platform that is both powerful and accessible. Because all processing can be done internally (up to the universe-limit of the license/hardware), it simplifies system architecture and reduces the need for external processors or complex networked nodes. The rich library and intuitive interface reduce setup time. The scalability means users from theatres, houses of worship, event production, and touring can use the same platform. This makes it a strong choice for integration with hardware consoles as well as PC-based workflow.



DYLOS is a powerful, built-in media and pixel engine integrated into the ONYX lighting control platform. More than a simple pixel mapper, DYLOS delivers a full-featured media engine designed for direct use from the console surface. It supports multiple "zones" of pixel control—allowing lighting designers to map media content across fixture groups as a dynamic visual canvas. By merging pixel-based effects, rich media playback, and advanced animation tools into the ONYX ecosystem, DYLOS eliminates the need for external servers and empowers creators with an intuitive, unified lighting and media workflow.

CONTROL SURFACE:

- 10 x 60 mm playback faders, each with 4 x function - assignable buttons
- 8 x customizable multi-function keys
- Playback Select button
- Master Go section with Go, Pause, Snap and Release
- 4 x digital rotary encoders with push function and status LED for fixture parameter control
- 4x screen mounted digital rotary encoders with push
- 3.5" RGB touchscreen for parameter groups, effect parameters, fanning and global timings
- Grand master rotary fader and button Blind/HighLight/Last/Next buttons
- Full numerical keypad and command keys



HARDWARE:

- Industrial 15.6" TFT 16:9 touchscreen (1920x1080px)
- 500 GB NVMe M.2 storage drive
- Industrial motherboard with Intel i5 Hexa-Core CPU
- Quiet thermal design using advanced copper heat pipe coolers
- 16 GB DDR4 RAM
- Integrated graphics processor
- Windows 11 IoT Embedded Operating System
- OS installation by USB 3.0 storage device
- Supports Windows USB touchscreens
- Compatible with Obsidian Control Systems NXP Motorized Fader Wing (sold through Obsidian Control Systems Dealers)



ALL-IN-ONE SOLUTION – HARDWARE, SOFTWARE & HIGH-RES SCREEN

PHYSICAL:

- Length: 300 mm
- Width: 540 mm
- Height: 121 mm
- Weight: 4.6 kg

ELECTRICAL (POWER SUPPLY):

- AC mains power to 12 VDC external PSU (included): 100-240 V nominal, 50/60 Hz
- Maximum input current: 3 A
- 12 VDC output: 11 A, 132 W max



CONNECTIONS:

- 4 x DMX / RDM Universe In/Out: 5-pin locking XLR
- External Display: 2x DisplayPort (up to 4k)
- Network: 2x Gigabit for Art-Net, sACN and ONYX X-Net
- Storage and Peripherals: 4x USB 3.0, 1x USB 2.0
- Audio Out, Mic In: 2x 3.5mm Jack
- MIDI in/out/thru (MIDI show control, MIDI notes, MIDI timecode): 5pin DIN
- SMPTE Timecode In/Out: 3-pin XLR
- 12 VDC power supply input: 4-pin XLR

INCLUDED ITEMS:

- RGB LED desk lamp, angular XLR connector, 13"
- Dust Cover: AX2 is written on it + ONYX logo.
- USB Cable
- External PSU (12V 11A)
- 1.5 m power cable, 3-pin IEC (EU or US version)
- USB Recovery Flash drive Installation Manual



Specifications are subject to change without notice.