McIntosh CR106 2-Channel 6-Zone Preamplifier / Audio Matrix

Compatible Control4 Systems:

Designed to work with OS 2.10.x, 3.0+, X4+

Compatible Hardware:

McIntosh CR106

Documentation, Driver Download & Change Log:

https://drivercentral.io/platforms/control4-drivers/audio-video/mcintosh-cr106/

Installation/Integration Support

Please contact manufacture directly:
https://www.mcintoshlabs.com/brand/contactus

Content

Overview

Full featured Control4 integration driver for the McIntosh CR106 2-Channel 6-Zone Preamplifier / Audio Matrix.

- Local IP or RS232 connectivity
- Asynchronous communication
- Uses amplifier proxy
- SDDP Supported

Driver Setup

Hardware Setup

- Install unit per manufacturer documentation.
- It is recommended you go to Settings > System > Auto-Off > and then set it to Disabled. This prevents the unit from turning off automatically

Composer Setup

- Manually add driver to project or find device under Discovered tab of Composer and add to project

If manually added:

TCP/IP:

- Set property Connection Method to TCP/IP
- Navigate to Connections/Network tab
- Drag SDDP to the driver connection or find the IP address on the CR106
- Hold the Input Dial to go into menu
- Scroll using the dial to find Network settings
- Scroll again to find device IP address
- Enter it into the field on the connections tab in Composer

Using RS232:

- Make RS232 binding
- Set property Connection Method to RS232
- Make additional bindings, refresh navigators

Driver Properties

- *Driver Status:* Displays driver related information
- *Driver Version:* Displays driver version
- *Driver Actions:*
- *Test Connection:* Sends a Query command to the device. Enable Debug Mode for more information
- *Debug Mode:* Displays additional information on the lua tab for debugging purposes
- *Device Connection:* Shows connection status to device
- *Connected Device:* Displays device's Serial Number and Hardware Version
- *Connection Method:* (default TCP/IP) Defines how the driver will connect to the unit (TCP/IP or RS232). Note: multiple connections can be made at the same time. This property selects which one the driver will use
- *Polling Timer (Seconds):* How many seconds between polling calls. This is used for device connectivity

Composer Events

Amplifier Proxy Events

- Input Changed
- Volume Level Changed
- Balance Level Changed
- Mute State Changed
- Any Audio Setting Changed

Composer Actions

Amplifier Proxy Actions

- Set Input
- Volume Up/Down/Set
- Mute On/Off/Toggle
- Set Balance
- Set Treble
- Set Bass

Device Specific Commands

- Power Status (On, Off)
- Meter Lights (On, Off)
- Display Brightness (25%, 50%, 75%, 100%)
- Bluetooth Pair
- Input Trim Level (-10 -> 10)
- B Channel Trim (-10 -> 10)
- Equalizer (Off, Music, Music 2, Relaxed, Tilt, Action, Action + Movie)
- High Pass (Enable, Disable)
- High Pass Hertz (40, 120)
- Low Pass (Enable, Disable)

- Low Pass Hertz (40, 120)
- Send Custom ASCII Message
- Sends a custom Command (CMD) and Parameter (PARAM) via RS232 or IP. refer to device RS232 protocol for commands. Note: driver adds Prefix (and Suffix) automatically. Do not add these. Example: CMD: PWR and PARAM: 1 would send: (PWR 1) to the device

Composer Variables

- *DeviceConnectionStatus* (STRING)
- Online, Failed to Check In, Polling Started, Polling Stopped
- The current communication state of the driver
- *DeviceDisplayBrightness* (NUMBER)
- 25, 50, 75, 100

Built-In Debug & Ticket Submission

Cindev drivers include a streamlined debug workflow and a one-click pipeline to DriverCentral Support. Use the steps below to capture the right data fast and get help without leaving ComposerPro.

Once Property *Debug Mode* is on, a Property *Debug Actions* will appear with the following options:

- **View Diagnostics** Prints driver stats to the *Lua* tab.
- **View Project Hierarchy** Lists drivers, filenames, and proxies.
- **Create Support Ticket** Preps logging + fields for Support.
- **Submit Ticket** Sends the information to DriverCentral.

Create and Submit a Ticket

1. Turn On *Debug Mode* (driver property).
2. Go to Debug Actions *Create Support Ticket*.
3. Enter your *Tech Reply Email* (where Support should respond).

4. Enter an *Issue Description* (what you did, expected, and observed).
5. Reproduce the issue or run your test steps.
6. Select Debug Actions *Submit Ticket*.
7. A **Ticket ID** will be displayed under *Driver Status* and also printed on the *Lua* tab for reference.
8. Support will receive your information and email you back at the address you provided.

Click here for more information

Warranty & Disclaimer

www.mcintoshlabs.com/warranty/home-audio-electronic-products-warranty

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Developer Information

brought to you by:
Cinegration Development, LLC

www.cindev.com
www.drivercentral.io/cinegration/

We are always looking to improve our drivers.
Please send your suggestions to: info@cindev.com