

McIntosh

McIntosh C2800 2-Channel Vacuum Tube Preamplifier

Compatible Control4 Systems:

Designed to work with OS 2.10.x, 3.0+

Compatible Hardware:

[McIntosh C2800](#)

Documentation, Driver Download & Change Log:

<https://drivercentral.io/platforms/control4-drivers/audio-video/mcintosh-c2800/>

Installation/Integration Support

Please contact manufacture directly:

<https://www.mcintoshlabs.com/brand/contactus>

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Overview

Full featured Control4 integration driver for the McIntosh C2800 2-Channel Vacuum Tube Preamplifier.

- IR, RS232 or Local IP connectivity
- Asynchronous communication (RS232, IP)
- Uses amplifier proxy
- SDDP Supported

Driver Setup

Hardware Setup

- Install unit per manufacturer documentation.
- If using SDDP/IP or RS232: On the C2800, it is recommended you go to Settings > System > Auto-Off > and then set it to Disabled. This prevents the unit from turning off automatically

Using SDDP

- Find device under Discovered tab of Composer and add to project

OR

- Add driver to project, navigate to Connections/Network tab
- On the C2800
 - Click the Volume Dial
 - Scroll using the Input dial to find the device's IP address
 - Enter it into the field on the connections tab in Composer
- Make bindings, refresh navigators

Using RS232 or IR

- Add driver to project (mcintosh_c2800.c4z) to project
- Make IR/RS232 binding
- Set property Connection Method to proper connection path (IR or RS232)
- Make 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 (IR, RS232, or TCP/IP). 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

Connections

Standard Connections (see device documentation for complete list of connections)

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
- Set Balance
- Mute On/Off/Toggle
- Set Balance

Device Specific Commands

- Power Status (On, Off)
- Output 1, 2 Status (On, Off)
- Balance (-50 -> 50)
- Input Trim Level (-12 -> 12)
- Mono/Stereo (On, Off)
- Processor Loop (On, Off)
- Amp Meter Lights (On, Off)
- Display Brightness (25%, 50%, 75%, 100%)

- Phono Capacitance (50pF, 100pF, 150pF, 200pF, 250pF, 300pF, 350pF, 400pF)
- Phono Resistance (25Q, 50Q, 100Q, 200Q, 400Q, 1kQ, 47kQ)
- Phono Gain (40dB, 46dB, 52dB, 58dB, 64dB)
- HXD (On, Off)
- Tone Control (On, Off)
- Tube Lights (On, Off)
- 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: VOL and PARAM: -50 would send: (VOL -50) to the device
- Send IR Command

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

Using HDMI ARC

To use HDMI ARC (HDMI TV):

- Connect an HDMI cable between TV and McIntosh processor.
- Verify you can hear audio via ARC
- Make a binding from one of the audio outputs of the tv into the *HDMI ARC (Audio Only)* input

Dealer Notes

- IR only supports the following 22 commands: On, Off, Input Toggle, Volume Up, Volume Down, Toggle Mute, BAL 1, BAL 2, BAL 3, UNBAL 1, UNBAL 2, UNBAL 3, UNBAL 4, PHONO 1, PHONO 2, COAX 1, COAX2, OPTICAL 1, OPTICAL 2, USB, MCT, HDMI (ARC)
- Any other command covered must be done through RS232 or IP/TCP

Warranty & Disclaimer

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

Developer Information

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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