



MDA16 MATRIX SWITCH and INTEGRATED AMPLIFIER DRIVER FOR CONTROL4

Overview

The MDA16 has full matrix switching capability, can be bridged to 120W, can be set up to utilise a second zone to power an in-ceiling or in-wall subwoofer, MartinLogan Room Correction, web based setup and dedicated subwoofer outputs for each zone.

The MDA16 driver for Control4 provides the following functionality;

- IP & RS232 control (115200 baud no flow control)
- Individual zone commands for the following
 - Volume Up/Down/Set
 - Mute On/Off/Toggle
 - Switch Inputs and Zones
 - Set Global
 - Set Bass
 - Set Treble
 - Volume
 - Power on volume
 - Max volume
- Individual zone feedback for the following
 - Volume
 - Mute
 - Power
 - Input
 - Bass
 - Treble

Requirements

This driver requires OS version 2.10.0 as minimum.

Quick Start Guide

1. Please make sure that MDA16 is on firmware 0.1.8328 or above. If not please download the firmware from the MartinLogan website.

2. Install driver
3. Either connect RS232 binding or enter in IP address
 - The driver will remove the IP Address and IP Port fields from the Properties tab if you have have a binding on the serial port
 - If you use RS232 make sure the MartinLogan MDA is set to 115200 baud + no flow control).
4. Bind AV inputs
5. Set Audio Endpoints
6. Refresh Navigator.

Usage Guide

- This driver can switch any of the 8 analog inputs, 4 digital inputs and the global input to any of the 8 zones via the Control4 Navigator.
- This driver allows you to set volume, power on volume and max volume of each zone independantly via the Properties tab.
- You can turn zones on and off, switch inputs, adjust and set volume, bass treble and mute values
- Feedback is instantaneous. This means you can program against events like Power On, Power Off, Input Switching, Surround Modes, Mute and more.
- Physically interacting with the MDA16 will fire these events and programming (eg turn off all AV devices in the room when the MDA16 is powered off).

Change log

Version #20220901 - 1-SEP-2022

- Updated debug logging to work with Control4 OS 3.3 security enhancement requirements.

Version #155 - 20-AUG-2020

- Fixed issue with room selection being out by one

Version #154 - 30-JUL-2020

- Improved multi room volume ramping

Version #14x - XX-MAR-2019

- Beta Release