Notes:
- THIS DRIVER DOES NOT CONTROL THE NILES ZR-4630.    The ZR-4630 is an IR only system.
- There is a switch on the front of the Niles ZR6 to allow the front RS232 jack to be used for uploading a project.   Make sure this connection is set to 'NORMAL'
- Control4 RS232 DB9-> 1/8" Mini cables need to have pins 2/3 reversed for proper RS232 setup.

## Purpose of Driver:

   Many existing homes had sound systems that have Niles ZR-6 equipment in them.    This driver allows a dealer to integrate up to 18 zones of audio via 1 RS232 port on any control4 system.

## Driver Features:

⅄  Niles ZR-6 Feature
   ◦  2 Way Volume Feedback (note: set volume is not allowed as Niles doesn't support it)
   ◦  2 Way Mute and Power Feedback
   ◦  Polling of Active Zones so dealers can keep customers existing niles keypads for audio support
   ◦  Direct Tuner Control for Both AM and FM

## Installation Procedure:

   Dealers need to install the Niles ZR-6 first and verify functionality before implenenting this driver.

⅄  Niles Setup
   ◦  Connect a DB-9 to 1/8" Stereo Plug from any Control4 RS232 port to the RS232 jack on the Niles piece.
   ◦  Record Zones and Sources on the equipment
⅄  Control4 Setup
   ◦  Add Niles driver (under Receivers, Manufacture Niles) to the system and 'bind' the zones and sources to their corresponding equipment
   ◦  Under the properties menu, choose how many zones of audio the ZR-6 is using (this property determines which zones the Control4 will poll)
   ◦  Connect the serial port to the driver
⅄  Once this is done the driver should be ready for deployment.
   ◦  You will know the driver is communicating with the ZR-6 when the Driver Information tab displays "Niles Communction Good" with a firmware of the unit
⅄  Notes on the AM/FM Radio
   ◦  The tuner is a toggling input between AM and FM.    Pressing AM or FM via a Control4 screen will toggle between inputs. You can also press the 'SELECT' button on a Control4 SR250 remote to do this also
   ◦  Direct Tuning support is available and is available via pressing number buttons on

either a Control4 screen or a SR250
- If you are on AM you must enter a 4 digit number for the command to work (e.g. 0850 for 850AM)
- If you are on FM you only need to enter the numbers for the station (e.g. 973 for 97.3FM or 1067 for 106.7FM)
- This driver does support Station media via the Media Tab in Composer.
- To use this, click on the AM or FM cloud in Medai and press New
- Enter at least the name and the Station (station format will be as follows, XXXXAM for am and XXX.XFM for FM where X is a number)
- Click OK

## Notes:

- This driver does not control any iPod connected to the ZR-6 directly. It can however, choose that input and control volume etc...
- This driver contains code written by Cinegration. Any modification to this driver or any driver written by Cinegration without the express consent will void all warranties, constitute a ban on all drivers released by Cinegration and potentially legal action.
- This driver has been designed to work with Control4® 2.6.0 System

## Warranty:

Cinegration strives to provide fully working drivers without defects. However, changes and bugs may be found. Because of this, any bug/maintenance update to this driver will be free of charge. However, due to the ever changing nature of computer and audio/video systems, if a new version of the Control4® software creates issues with this driver, or feature enhancements, an upgrade version will be provided for an additional expense or free as determined by Cinegration LLC.

Thank you for choosing a driver By: Cinegration LLC.