Lyngdorf Amplifier Driver

For use with:

Lyngdorf TDAI-2170 Amplifiers

Control(4)

Driver software written and provided by:

JANUS
TECHNOLOGY

Contents:

Introduction

This is a reference manual to describe the interface provided between a Control4 system and a Lyngdorf TDAI-2170 Amplifier via the serial port (**RS232).** The driver supports the Lyngdorf Amplifier Serial Control protocol codes for RS232.

This module was written and tested using Composer version **2.4** running on an HC-800 controller and a TDAI-2170 Amplifier running version 1.02a.
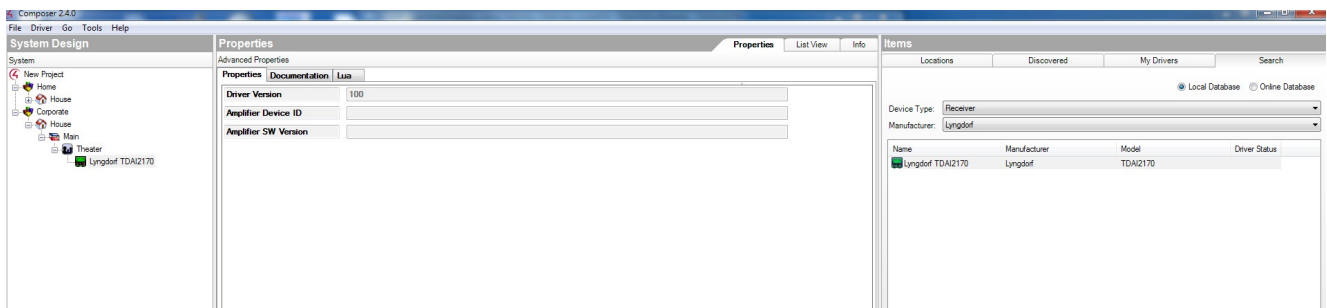
The Control4 driver version is currently **v100**.

Control4 Configuration

Add the driver to your project

Copy the .c4i files from the zip package to
> My Documents\Control4\Drivers

Open Composer

The driver can be found under Device Type : **Receiver** – Manufacturer : Lyngdorf
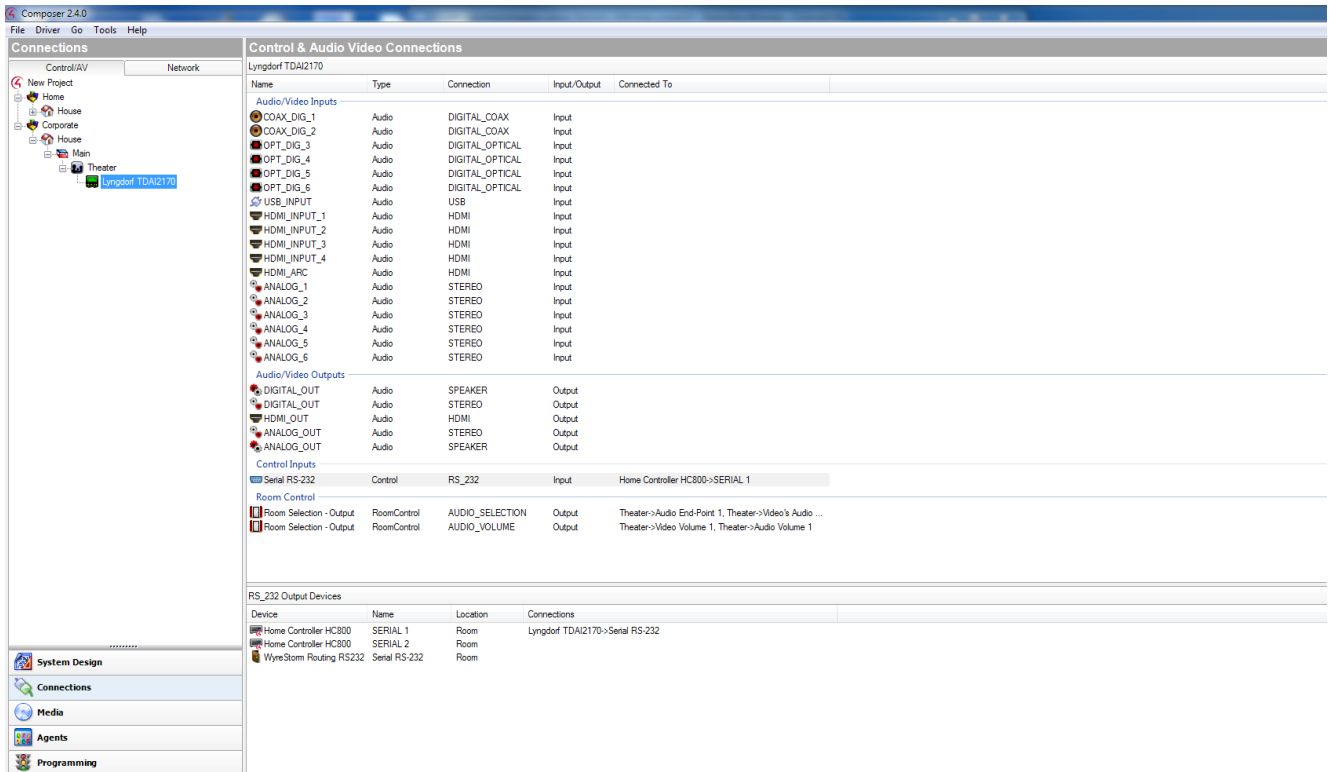It will appear as a Lyngdorf TDAI2170 Receiver as shown below.

In the Properties tab, the Control 4 driver version will be displayed. The Amplifier Device ID and the Amplifier SW Version are read only fields which are populated after serial communications with the amplifier have been successfully established.
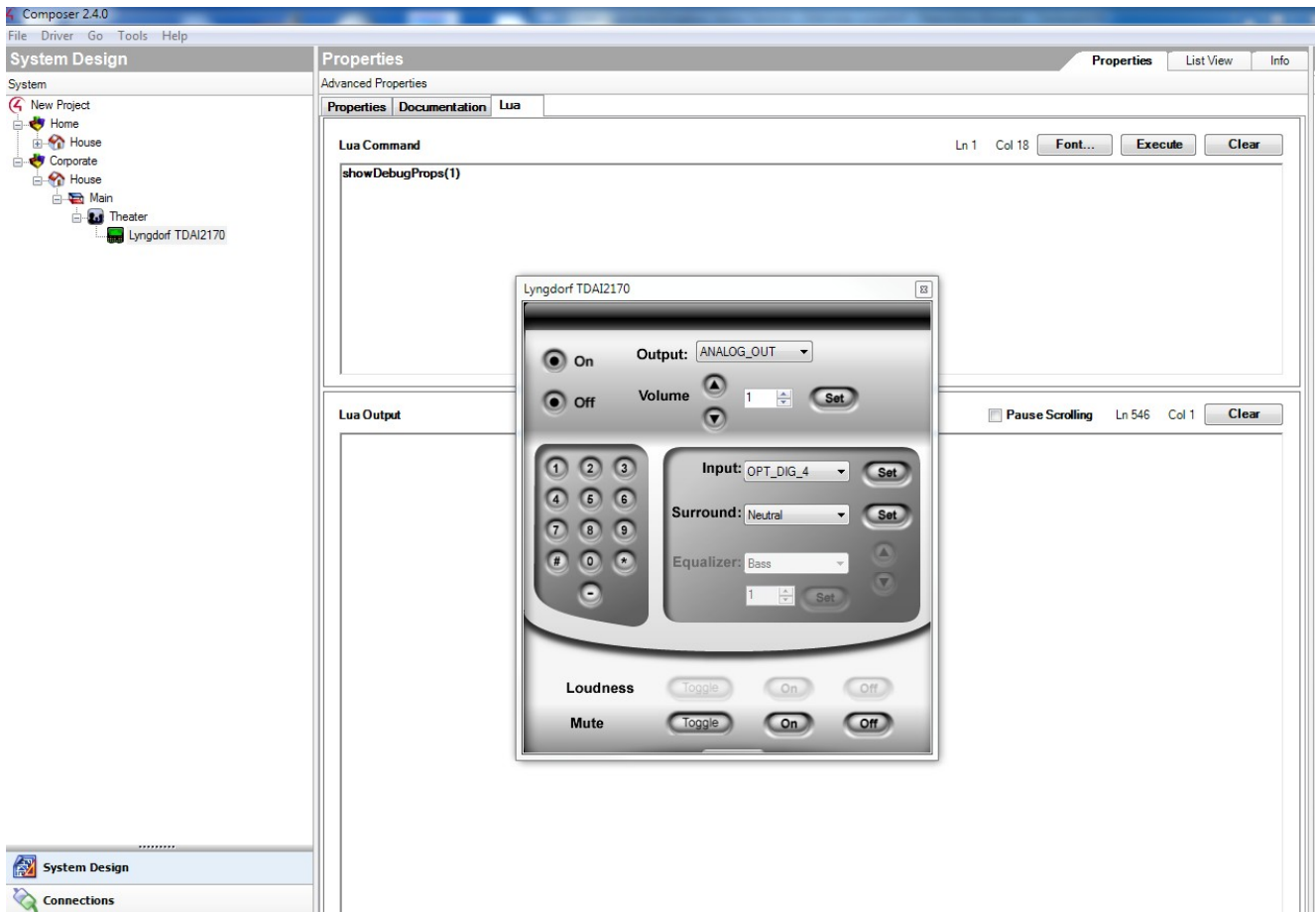
Make connections

Configure the control and audio/video connections as per standard Control4 practice. It is necessary to make an RS232 connection from the Control 4 control input to the appropriate RS232 output devices serial port . A null modem cable is required to physically connect the Control4 serial port to the amplifier RS232 port.

Configure as many video and audio input/output ports as the project requires.

Double-click the switch icon in System Design and a control window will appear.

Refresh Navigators to update the connections on your touchscreen controller.

Troubleshooting

Check the amplifier is powered and switched on. Also check the RS232 serial cable has been fitted correctly to the appropriate Control 4 processor port and the amplifier.

The digit panel on the Lyngdorf TDAI2170 control window is not used.