

OVERVIEW AND SUPPORTED FEATURES

The Xantech HD44C and HD44CC5 are 4 X 4 Component Video Controllers which switch four component sources to any of four component outputs and can be controlled by the g! software with an RS-232 serial connection to allow reliable 2-way communication. Up to four HD44Cs or HD44CC5s can be stacked for a total of 16 zone outputs from four source inputs.

THE FOLLOWING FEATURES ARE SUPPORTED:

Multiple Chassis Configuration: Up to four HD44C/HD44CC5s can be linked together to provide 16 zone outputs from four source inputs. Refer to the HD44C/HD44CC5 installation manual for inter-chassis connections.

THE FOLLOWING FEATURES ARE NOT SUPPORTED:

Control from HomeBrick/MultiBrick: The HD44C and HD44CC5 cannot be controlled from HomeBrick/MultiBrick controllers.

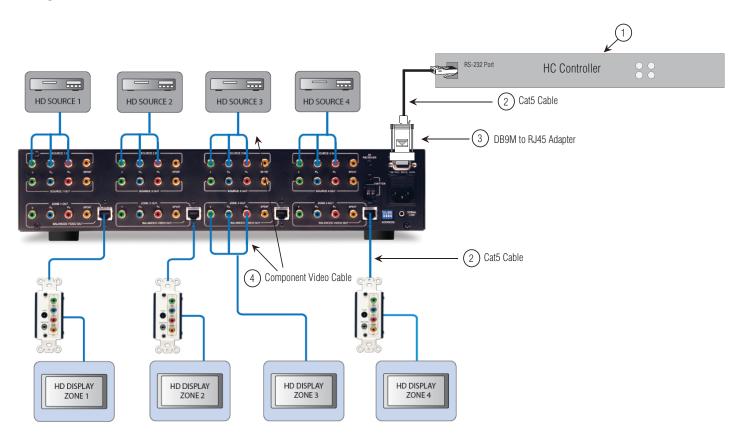
Audio Control: The HD44C and HD44CC5 can route digital audio using their SPDIF connections, however, volume, DSP setting, etc., functions are not present in the HD44C/HD44CC5 chassis and therefore can't be controlled by the **g!** system.

Any feature not specifically noted as supported should be assumed to be unsupported.

Installation Overview

- 1. During the rough-in phase, install wires for the sources, amplifiers and displays for each zone.
- 2. Also during the rough-in phase, run a Cat5 wire from the location of the switch back to the HCxx controller for RS-232 communications. Refer to the **HCxx Installation Manual** for the RS-232 wiring code.
- 3. Install the switch, the sources, amplifier, displays and speakers.
- 4. Confirm proper video switching as a stand alone system.
- 5. Connect the **g!** system to the switch electrically. See the wiring diagrams for more information.
- 6. Configure the **g!** system for the switch and confirm communication between the switch and the **Controller**.
- 7. Test the system by changing sources in a zone to confirm the correct source plays. Test source control for any sources that are to be controlled from the **g!** interface.

CONNECTION DIAGRAM



BILL OF MATERIALS

#	Device	Manufacturer	Part #	Protocol	Connector Type	Notes
1	HCxx Controller	ELAN	HCxx	RS-232	RJ-45 Female	
2	Cat5 Cable	Installer	N/A	568A or 568B	RJ-45 Male	
3	DB9M RJ-45 Adapter	ELAN	HA-CB-307	RS-232	DB9 Male x RJ-45 Female	
4	Component Video Cable	N/A	N/A	Analog	RCA x RCA	

<u>g! Configuration Details</u>

The following table provides settings used in the **g!** Configurator. Please refer to the **g!** Configurator Reference Guide for more details. In the table below:

o "<Select>" Select the appropriate item from the list (or drop-down) in the Configurator.

o "<User Defined>", etc. Type in the desired name for the item.

Devices	Variable Name	Setting	Comments	
Communication Device	Name	<user defined=""> (Default: Xantech HD44CC5 (1-4 Units)</user>		
	Туре	Serial Port		
	Communication Type	Standard Connection		
	Location	<user defined=""> (Not Required)</user>		
	Comm Port	<select></select>		
<other rs-232="" sources=""> Ad</other>	d any other RS-232 control	led sources. Refer to the Integration Note for each speci	ific source device.	
<other controlled="" ir="" source<="" td=""><td>es: Add IR devices on the I</td><td>nput/Output tab for other IR controlled sources. Refer to</td><td>the Configurator Reference Guide</td></other>	es: Add IR devices on the I	nput/Output tab for other IR controlled sources. Refer to	the Configurator Reference Guide	
Other Devices / Interfaces		<user defined=""></user>	Add Interfaces for any source that does not have a builtin interface.	
	Template	<select></select>		
	Default Device	<select></select>	Select the RS-232 or IR Controlled source for this interface.	
Audio Zone Controllers	Name	<user defined=""> (Default: Xantech HD44CC5 (1-4 Units)</user>	Use Number of Units drop down to change the number of chassis in the system.	
	Device Type	Xantech HD44CC5 (1-4 Units)		
	Location	<user defined=""> (Not Required)</user>		
	Comm Device	<select></select>		
Sources	Name	<user defined=""></user>		
	Source Device	<select></select>	Sources must be previously configured to allow selection.	
	Source Volume	<select></select>	N/A	
	Show Source	<select></select>	Set to NO for any inputs that are not used.	
	Source Icon	<select></select>	This icon zppears on the source button for the viewer interface.	
	Display Name	<user defined=""></user>	This text zppears on the source button for the viewer interface.	
Zones	Name	<user defined=""></user>		
	Universal Receiver	<select></select>		
	Display	<select></select>		
	Configuration Interface	<select></select>		
	<sources list=""></sources>	<n a=""></n>		
Tab Layout	Interface Tabs	<select></select>	Move any unused zones to the left into Available Zones to remove from the viewer	

COMMON MISTAKES

- 1. Failure to connect Source video loops between HD44C/HD44CC5 chassis.
- 2. Failure to set the Chassis ID dip switches correctly on the HD44C/HD44CC5 chassis.