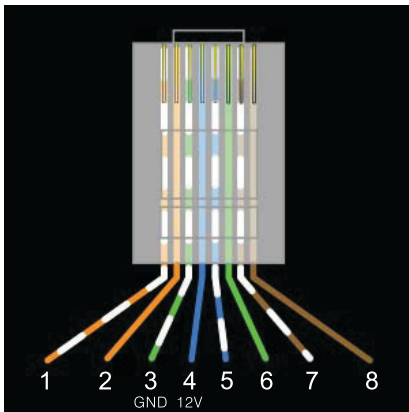


## Additional Component Integration Features

The Touchstone control box comes equipped with additional input/output features that allow you to connect external devices such as high-end amplifiers, automated systems such as Crestron, and other devices that you can operate using your Universal remote.

The control box can be connected to your automated system using the 12V trigger input. The input connector on the control box is a standard RJ-45 Connector. See figure 1 for pinout of 12V trigger input connector.

*The 12V Trigger input on the control box can be used to connect high-end amplifiers that can be programmed to operate your TV and your lift. In other words, by connecting your amplifier to the control box using the 12V Trigger input, turning on your amplifier will “trigger” the lift to go on.*



PIN	
3	GND
4	+12V

NOTE: The current for the 12V trigger port has to be less than 800mA.

Figure 1 Pinout of 12V trigger connector

You can also use the PS232 serial connection to control the Lift Cabinet. The input connector on the control box is a standard RJ-45 connector. The pinout of the connector is illustrated in Figure 2. The instruction set is listed on Table 2.

*RS- 232 is a standard communication protocol that is widely used to connect various devices to external controllers. Automated theater systems such as the Crestron system, for example, can be connected to the control box via the RS-232 connection, and a single device can operate the TV, raise the lift, operate the AV systems, etc.*

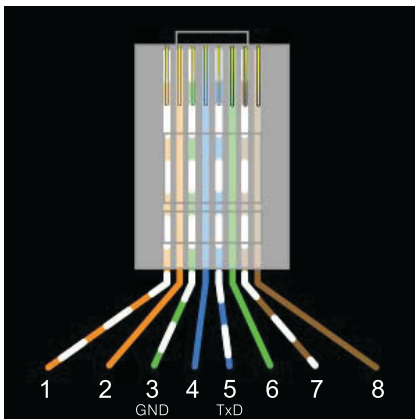


Figure 2 Pinout of RS232 connector  
PIN3 GND, PIN 5 TxD

Table 1 RS232 configuration

CONFIGURATION	
BAUD RATE	1200
DATA BITS	8
STOP BIT	1
PARITY	NONE
FLOW CONTROL	NONE

Table 2 RS232 connection instruction set

ACTION	ASCII	HEX
UP	UP	5550
DOWN	DN	444E