ECI-60 Automation Command List

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This document lists a subset of the complete ECI-60 command list which should be used to control the ECI-60 from a server or automation system. These commands may be sent over the RS-232C port or Ethernet. RS-232C is configured for 38.4kbps 8N1. Ethernet communications is done using TCP on port 10001. The commands can be tested using a terminal program such as TeraTerm.

The GUI sends a checksum after the carriage return at the end of a command. To avoid having to figure out these checksums, they can be disabled by either power cycling the ECI-60 or sending the command:

```
checksum 0000[cr]3
```

where [cr] is a carriage return (the enter key on a keyboard). Once this command is sent, future commands should be echoed by the ECI-60 and not require a checksum. After the ECI-60 executes a command, it returns a greater than sign (>). If checksum is enabled and the checksum failed, it returns a less than sign (<).

A command consists of a lower case word followed parameters and terminated with a carriage return. The command and pameters are separated by spaces. If no parameters are provided, the current value is returned.

Command List

Command	Description
button n	Sets system state corresponding to front panel LED n. If n is omitted, returns the current button state. The leftmost LED is "button 1".
digitalenable	If no argument given, returns 01 if we are in digital mode and 00 if in film mode. If an argument is given, zero puts the system in film mode. Nonzero puts it in digital mode.
mute	If no argument is supplied, returns the current mute value as an 8 bit number (2 digit hex). If an argument is supplied, sets mute to the

Command	Description
	specified value. A non-zero value unmutes the system. A value of zero mutes the system.
pin	If no argument specified, returns the last automation pin that was pulsed as 2 digit hex. If an argument is specified, pulses the corresponding automation pin low for about 240ms. For example, 'pin 3' pulses pin 3 low for about 240ms.