

g! System Controllers



- On-wall, can-mount and rack-mount controller series with integrated serial ports, IR ports, relays and sense inputs, and audio-out
- Supports Media, Security, Climate, Lighting, Shades, Cameras, Messaging, Pool/Spa, and Irrigation
- Integrated On-Screen Display (OSD) w/included remote
- Easy plug n' play with TS2 Touchpad, TS7 and TS10 Touch Screens, and the HR2 Handheld Remote

Take Control of Your Life

The revolutionary ELAN g! Series Home Automation System puts you in complete control of every part of your technology-centric life. Thanks to ELAN g! you are now never more than a finger tap away from managing your primary home, vacation home, and business – no matter where you happen to be! The ELAN g! HC Series System Controllers are the central nervous system of the entire ELAN g! Series. These remarkable, easy-to-use controllers allow you to effortlessly operate your entertainment, lighting, security, energy, and irrigation systems within and outside your home or business.

Programmed to Perform

ELAN g! Series System Controllers provide expanded support for all ELAN AV controllers,

display devices, in-home sources, and have built-in digital music and cloud content capability. The ELAN g! On-Screen Display (OSD) controls AV Systems, climate, lighting, security, IP cameras and displays phone call log, email, and photos.

With additional Pro Applications, these System Controllers also support CCTV DVR, irrigation, pool and spa functions – providing enhanced capability for all native applications. Models differ in mounting options, I/O ports and onboard hard drive storage (ideal for media entertainment or surveillance video recording). Use relays to automate projection screens, drapes, gates, garage doors and more. All controllers can utilize a Networked Attached Storage (NAS) drive for the storage of music and photos.

It's Time to Simplify Your Life

The HC System Controllers are part of the world's most advanced, easy-to-install user-friendly home automation system — the ELAN g! Series. Compatible for use with third-party systems and components, the ELAN g! Series offers the touchpads, touchscreens, handheld remotes, precision panels, and multi-zone/multi-room controllers you need to integrate every function of your home or business into a single system solution that's as intuitive as you are.

g!-wiz. Isn't that an idea whose time has come?



HC4 System Controller

Features

- Compact can or wall-mount
- Integrated IP, Serial, infrared control and sense inputs in a one-box design
- Easy plug n' play with TS2 Touchpad, TS7 & TS10 Touch Screens, HR2 Handheld Remote
- Supports iPhone, iPod Touch and iPad Interface devices
- High-res on-screen display (OSD) with included simple clicker, HR2 Handheld Remote or other third party universal remote controls
- Easily installs behind TV to add discrete OSD
- Built-in single-output music player with online content
- Compatible with network attached storage (NAS) drives to access photos, music and store security camera video
- Support for one phone line and eight voicemail boxes with optional USB modem
- Two on-board relays provide additional automation capabilities
- On-board IR generation and decoding
- Two Sense Inputs for triggering automated events
- Solid State Memory for Operating System (OS) storage increases reliability
- Fan-cooled case increases system reliability
- Wall & can mount brackets included
- External Power supply



Specifications

Connections

ELAN Sense Inputs (2)	3.5mm Connectors (Stereo)
IR Outputs (2)	3.5mm Connectors (Mono)
External IR Input	3.5mm Connector
Programming	RJ-45 Ethernet Port
Relays (2).	3-position screw terminals
Modem (1).	USB
Audio Output.	3.5mm Connector (Stereo)
Video.	720p

Internal Player Audio Output

Frequency Response	20 to 20 KHz +/-1dB
THD+ Noise (@1KHz)	<0.006%
Signal-to-Noise (A Weighted)	>102dB

Video Inputs

Component Video Input	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm

Video Outputs

Component Video Output	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm
Video Gain	Unity

Operating Temperature...... 32 °F to 131 Degrees° F

Operating Humidity..... 90 % Maximum (Non-Condensing)

General

Power Consumption	110-240V, 50-60 Hz – 60W
Relay Rating	24V AC/DC, 1 Amp Maximum
3.5mm IR Outputs	12VDC

Dimensions w/Feet (1U w/o Feet) . . . (in.) 8-1/4 W x 1-9/16 H x 5 D

.....(mm) 210 W x 40 H x 127 D

Product Weight:2.4 lbs / 1.09 kg

Shipping Weight:4.3 lbs / 1.95 kg

Certifications cTUVus, CE, FCC, CTIC

ELAN Home Systems reserves the right to change hardware, software features and specifications without notice.

Two-Year Limited Warranty

HC6 System Controller

Features

- Compact 1U rack-mount design
- Integrated IP, Serial ports, infrared control and sense inputs in a one-box design
- Easy plug n' play with TS2 Touchpad, TS7 & TS10 Touch Screens, HR2 Handheld Remote
- Supports iPhone, iPod Touch and iPad Interface devices
- High-res on-screen display (OSD) with included simple clicker, HR2 Handheld Remote or other third party universal remote controls
- Built-in two-source music player
- Compatible with network attached storage (NAS) drives to access photos, music and store security camera video
- Support for two phone lines and eight voicemail boxes with optional USB modems
- Two on-board relays provide additional automation capabilities
- On-board IR generation and decoding
- Six Sense Inputs for triggering automated events
- Solid State Memory for Operating System (OS) storage increases reliability
- Fan-cooled case increases system reliability
- Rack ears included
- Auto power switching - 120/240VAC



Specifications

Connections

ELAN Sense Inputs (6)	3.5mm Connectors (Stereo)
IR Outputs (6)	3.5mm Connectors (Mono)
External IR Input	3.5mm Connector
Programming	RJ-45 Ethernet Port
Relays (2)	3-position screw terminals
Modems (2)	USB
Audio Outputs (2)	RCA
Video	720p

Internal Player Audio Output

Frequency Response	20 to 20 KHz +/-1dB
THD+ Noise (@1KHz)	<0.006%
Signal-to-Noise (A Weighted)	>102dB

Video Inputs

Component Video Input	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm

Video Outputs

Component Video Output	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm
Video Gain	Unity

Operating Temperature 32 °F to 131 Degrees° F

Operating Humidity 90 % Maximum (Non-Condensing)

General

Power Consumption	110-240V, 50-60 Hz – 60W
Relay Rating	24V AC/DC, 1 Amp Maximum
3.5mm IR Outputs	12VDC

Dimensions w/Feet (1U w/o Feet) (in.) 17 W x 2-1/4 H x 14 D
 (mm) 432 W x 57H x 356D

Product Weight: 9 lbs / 4.09 kg

Shipping Weight: 15 lbs / 6.82 kg

Certifications cTUVus, CE, FCC, CTIC

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Two-Year Limited Warranty

HC8 System Controller

Features

- Compact can or wall-mount.
- Integrated IP, Serial, infrared control and sense inputs in a one-box design
- Easy plug n' play with TS2 Touchpad, TS7 & TS10 Touch Screens, HR2 Handheld Remote
- Supports iPhone, iPod Touch and iPad Interface devices
- High-res on-screen display (OSD) with included simple clicker, HR2 Handheld Remote or other third party universal remote controls
- Built-in dual-output music player with online content
- Built-in 250 GB storage for music, photos and security camera video storage
- Compatible with network attached storage (NAS) drives to access photos, music and store security camera video
- Support for two phone lines and eight voicemail boxes with optional USB modems
- Two on-board relays provide additional automation capabilities
- On-board IR generation and decoding
- Four Sense Inputs for triggering automated events
- Solid State Memory for Operating System (OS) storage increases reliability
- Fan-cooled case increases system reliability
- Wall & can mount brackets included
- External Power supply



Specifications

Connections

ELAN Sense Inputs (4)	3.5mm Connectors (Stereo)
IR Outputs (3)	3.5mm Connectors (Mono)
External IR Input	3.5mm Connector
Programming	RJ-45 Ethernet Port
Relays (2)	3-position screw terminals
Modems (2)	USB
Audio Outputs (2)	3.5mm Connectors (Stereo)
Video	720p

Internal Player Audio Output

Frequency Response	20 to 20 KHz +/-1dB
THD+ Noise (@1KHz)	<0.006%
Signal-to-Noise (A Weighted)	>102dB

Video Inputs

Component Video Input	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm

Video Outputs

Component Video Output	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm
Video Gain	Unity

Hard Drive Storage 500 GB

Operating Temperature 32 °F to 131 Degrees° F

Operating Humidity 90 % Maximum (Non-Condensing)

General

Power Consumption	110-240V, 50-60 Hz – 60W
Relay Rating	24V AC/DC, 1 Amp Maximum
3.5mm IR Outputs	12VDC

Dimensions w/Feet (1U w/o Feet)
(in.) 12-7/16 W x 1-11/16 H x 9-5/16 D
(mm) 316 W x 43H x 237 D

Product Weight: 7.1 lbs / 3.23 kg

Shipping Weight: 12.25 lbs / 5.57kg

Certifications cTUVus, CE, FCC, CTIC

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Two-Year Limited Warranty

HC12 System Controller

Features

- Compact 1U rack-mount design
- Integrated IP, Serial, infrared control and sense inputs in a one-box design
- Easy plug n' play with TS2 Touchpad, TS7 & TS10 Touch Screens, HR2 Handheld Remote
- Supports iPhone, iPod Touch and iPad Interface devices
- High-res on-screen display (OSD) with included simple clicker, HR2 Handheld Remote or other third party universal remote controls
- Built-in two-output music player with online content
- Built-in 250 GB storage for music, photos and security camera video storage
- Compatible with network attached storage (NAS) drives to access photos, music and store security camera video
- Support for two phone lines and eight voicemail boxes with optional USB modems
- On-board relays provide additional automation capabilities
- On-board IR generation and decoding
- Six Sense Inputs for triggering automated events
- Solid State Memory for Operating System (OS) storage increases reliability
- Fan-cooled case increases system reliability
- Rack ears included
- Auto power switching - 120/240VAC



Specifications

Connections

ELAN Sense Inputs (6)	3.5mm Connectors (Stereo)
IR Outputs (6)	3.5mm Connectors (Mono)
External IR Input	3.5mm Connector
Programming	RJ-45 Ethernet Port
Relays (4)	3-position screw terminals
Modems (2)	USB
Audio Outputs (2)	RCA
Video	720p

Internal Player Audio Output

Frequency Response	20 to 20 KHz +/-1dB
THD+ Noise (@1KHz)	<0.006%
Signal-to-Noise (A Weighted)	>102dB

Video Inputs

Component Video Input	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm

Video Outputs

Component Video Output	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm
Video Gain	Unity

Hard Drive Storage 250GB

Operating Temperature 32 °F to 131 Degrees° F

Operating Humidity 90 % Maximum (Non-Condensing)

General

Power Consumption	110-240V, 50-60 Hz – 60W
Relay Rating	24V AC/DC, 1 Amp Maximum
3.5mm IR Outputs	12VDC

Dimensions w/Feet (1U w/o Feet) (in.) 17 W x 2-1/4 H x 14 D
..... (mm) 432 W x 57H x 356D

Product Weight: 11 lbs / 5.0 kg

Shipping Weight: 17 lbs / 7.75 kg

Certification cTUVus, CE, FCC, CTIC

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g! System Controllers At-A-Glance

HC4



HC6



HC8



HC12



CONNECTIONS				
ELAN Sense Inputs	(2) 3.5mm Stereo	(6) 3.5mm Stereo	(4) 3.5mm Stereo	(6) 3.5mm Stereo
IR Outputs	(2) 3.5mm Mono	(6) 3.5mm Mono	(3) 3.5mm Mono	(6) 3.5mm Mono
External IR Input	(1) 3.5mm	(1) 3.5mm	(1) 3.5mm	(1) 3.5mm
Programming	RJ-45 Ethernet Port	RJ-45 Ethernet Port	RJ-45 Ethernet Port	RJ-45 Ethernet Port
Relay	(2) 3-postion screw terminals	(2) 3-postion screw terminals	(2) 3-postion screw terminals	(4) 3-postion screw terminals
Modem	(1) USB	(2) USB	(2) USB	(2) USB
Audio Outputs	(1) 3.5mm Stereo	(2) RCA	(2) 3.5mm Stereo	(2) RCA
Serial	(4) RS-232 / (1) RS-485	(6) RS-232 / (2) RS-485	(8) RS-232 / (2) RS-485	(12) RS-232 / (2) RS-485
Video	720p	720p	720p	720p
INTERNAL PLAYER AUDIO OUTPUT				
Frequency Response	20 to 20 KHz +/-1dB	20 to 20 KHz +/-1dB	20 to 20 KHz +/-1dB	20 to 20 KHz +/-1dB
THD+ Noise (@1KHz)	<0.006%	<0.006%	<0.006%	<0.006%
Signal-to-Noise (A Weighted)	>102dB	>102dB	>102dB	>102dB
VIDEO INPUTS				
Component Video Output	1V Peak-to-Peak Nominal	1V Peak-to-Peak Nominal	1V Peak-to-Peak Nominal	1V Peak-to-Peak Nominal
Input Impedance	75 Ohm	75 Ohm	75 Ohm	75 Ohm
Video Gain	Unity	Unity	Unity	Unity
HARD DRIVE STORAGE				
	N/A	N/A	250GB	250GB
GENERAL				
Operating Temperature	32 °F to 131 Degrees° F	32 °F to 131 Degrees° F	32 °F to 131 Degrees° F	32 °F to 131 Degrees° F
Operating Humidity	90 % Maximum (Non-Condensing)	90 % Maximum (Non-Condensing)	90 % Maximum (Non-Condensing)	90 % Maximum (Non-Condensing)
Power Consumption	110-240V, 50-60 Hz – 60W	110-240V, 50-60 Hz – 60W	110-240V, 50-60 Hz – 60W	110-240V, 50-60 Hz – 60W
Relay Rating	24V AC/DC, 1 Amp Max	24V AC/DC, 1 Amp Max	24V AC/DC, 1 Amp Max	24V AC/DC, 1 Amp Max
3.5mm IR Outputs	12VDC	12VDC	12VDC	12VDC
SIZE & WEIGHT				
Dimensions w/ Feet	(in.) 8-1/4 W x 1-9/16H x 5D (mm) 210W x 40H x 127D	(in.) 17W x 2-1/4H x 14D (mm) 432W x 57H x 356D	(in.) 12-7/16W x 1-11/16H x 9-5/16D (mm) 316W x 43H x 237D	(in.) 17W x 2-1/4H x 14D (mm) 432W x 57H x 356D
Product Weight	2.4 lbs / 1.09 kg	9 lbs / 4.09 kg	7.1 lbs / 3.23 kg	11 lbs / 5.0 kg
Shipping Weight	4.3 lbs / 1.95 kg	15 lbs / 6.82 kg	12.25 lbs / 5.57 kg	17 lbs / 7.75 kg

Certifications: cTUVus, CE, FCC, CTIC

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