



CLIQ.host

CLIQ-OSM-10



The CLIQ.host controller at the heart of a ClareHome automation solution provides device management services to the customers' applications, mediates all user interface interactions, and acts as the in-home gateway to Clare's Automation Cloud Ecosystem.

- Integrates common interface elements into a single unit for fast, economical deployment
- Integral ClareBus shares power, data, audio and control data between additional stacked modules, without external jumpers
- Auto-discovery eases configuration as systems scale upward
- Includes extender cable for rack/enclosure installations

Shipped preloaded with the ClareOS operating system, CLIQ controllers are managed from the cloud, allowing integrators to configure, deploy, and maintain projects remotely. CLIQ controllers receive automatic silent updates from Clare to ensure they are always up to date with the latest features and fixes.

By collapsing a broad range of common interface elements into a single unit, the controller lowers overall system cost, simplifies project configuration and reduces the field tech's time-to-install.

Larger projects can be accommodated by adding a CLIQ.connect module to the CLIQ.host.

The CLIQ controller also serves as media server, processing concurrent streams of music into our multi-zone audio application. The system can distribute three soft internet/satellite streams, plus multiple local sources (i.e., iTunes library, CD player) simultaneously.

Technical Specifications

CPU

Processor	Freescale iMX6
Operating System	Linux
Memory	2 GB DRAM 1 GB NAND Flash

I/O

COM	2 ports, bidirectional RS-232; Up to 115.2k baud; Software handshaking support
IR-Serial Outputs	6 outputs, 2-pins per IR, 12-pin 2.5 mm terminal block
I/O Versiports 1 - 4	4 ports, 8-pin, 2.5 mm detachable terminal block; software configurable input/ output ports. As inputs, they can individually be configured for 24V, 12V or 5V threshold; Digital Input: Rated for 0-24 VDC, input impedance 20k ohms
Relay Output 1 - 2	6-pin 2.5 mm detachable terminal block comprising 2 normally open and 2 normally closed isolated relays; Rated 1 Amp, 30 Volts AC/DC; MOV arc suppression across contacts
Network	2 ports (1 Ethernet, 1 CobraNet), 8-wire RJ45 with 2 LED indicators; 10/100/1000 BaseT Ethernet port; LEDs for link status and Ethernet activity
12 Vdc Input	2.1 mm barrel DC power jack
USB	1 port

General

Power Usage	8.4 Watts (700 mA @ 12 VDC)
Operating Temperature	41° to 113°F (5° to 45°C)
Relative humidity	10 to 90% (non-condensing)
Dimensions (W x H x D)	8.0 x 1.5 x 6.7 in 204.3 x 36.8 x 164.3 mm

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, Class D amplifiers, media distribution, controllable lighting, and IP CCTV components. For more information, visit clarecontrols.com.