



CLIQ.express

CLIQ-EOSM-10



The CLIQ.express is designed for high volume mainstream deployment. Like the other members of the CLIQ controller family, the CLIQ.express module serves as the heart of the ClareHome Ecosystem, providing device management services to all the customers' applications, mediating all user interface interactions, and acting as the gateway to the Clare Cloud for automatic "managed from the cloud" system updates.

The CLIQ.express provides scaled application support i with several I/O blocks removed to make it Clare's most affordable host. CLIQ.express scales to full CLIQ host functionality by adding a CLIQ.connect module (via ClareBus).

CLIQ controllers are the gateway to the ClareHome Ecosystem, which allows integrators to configure, deploy, and maintain projects remotely. CLIQ controllers receive automatic silent updates to ensure they are always up to date with the latest features and fixes without the need for rebooting or user intervention.

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 Dual Core

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 (1 is a dedicated console port)

IR-Serial Outputs n/a

I/O Versiports n/a

Relay Output n/a

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 2 USB 2.0 ports

General

Power Usage 8.4 Watts (700 mA at 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

The information contained in this document is preliminary and is subject to change at the sole discretion of Clare Controls. Clare Controls will have no liability for delay in the delivery or failure to deliver any of the products or features set forth in this document.

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.