



CQ 1^(TM)

“Qivi”

In Wall

Remote Power Control Module



General Description

The Juice Goose CQ 1, along with the other products in the CQ Series, provides a versatile and powerful means of remotely activating AC power in a sequenced array for application to both sensitive and high amperage equipment.

CQ Series products need no additional controllers. Each contains the timing and communications circuitry for plug-and-play use in coordination with other CQ devices.

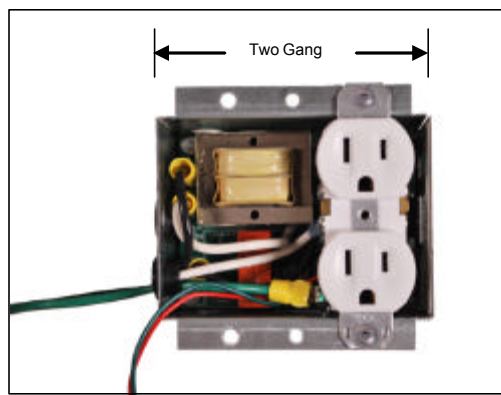
Installation and Function

The CQ 1 is a 15 amp hardwire model featuring two AC power receptacles. This single sequence device can be a stand-alone remote control module or can be included with a more extensive power sequencing system. It consists of a three gang front panel and two gang back box that contains a duplex receptacle along with all circuitry and connectors needed to integrate the CQ 1 into a larger power control network. For convenience, Juice Goose provides a three gang wall box along with each CQ 1. One space in that box is needed for AC wire connections. If preferred, most standard three gang enclosures can be substituted for the one provided. Installation is quick and easy. Operation is plug-and-play simple and requires no programming or settings.

All CQ products are controlled by way of an eight wire, RJ-45, cable link to another CQ Series device or controller. Each CQ has a *Sequence Signal Input* and *Output* connector on the chassis. This communication link allows the plug-and-play CQ 1 to be installed at any point in a power sequencing system and act automatically in coordination with other CQ modules. There is no limit to the number of CQ devices that can be connected in this manner and no practical limit to the distances between them.

A sequenced array of CQ Series products can be controlled and the initial turn on or turn off command can be provided by the first CQ module in the series, by a Juice Goose RC-5 accessory or by a latching contact closure provided by a single pole switch, a relay or by controllers from Crestron, AMX and other manufacturers.

The Qivi fits in a standard two gang wall enclosure. It ships with a three gang front plate and wall box. The third enclosure space is required for AC wire termination. RJ 45 cable terminations are with standard male connectors which mate with receptacles on the Qivi circuit board.



File: 3176209DEN-001
Standard: UL 508

Application and Advantage

The CQ 1 provides economical and practical power control for a single duplex AC receptacle. Now, there's no need for expensive motorized breakers or visible power control boxes that mount on the outside of the wall.

The CQ 1 can be installed in a wall or ceiling to bring the convenience of autonomous power sequencing to non rack mounted installations. This power module works well with remote mounted powered speakers, video monitors, lights or any other load totaling fifteen amps or less that can be turned on and off as part of a larger power management system. Because the Qiwi fits in a two gang wall space, it also fits in floor boxes or wall enclosures behind digital signage or video monitors.

Detail Specifications

Chassis.....	Metal three gang front panel. Two gang back box. (Three gang wall box is also provided but may be substituted if desired.)
Dimensions.....	4.5"H x 6.5"W x 3.75"D
Weight.....	1 lb
Current Rating.....	15 A
Number of Sequence Events.....	One
Power Input.....	Hardwire
Power Output	Single NEMA 5-15R
Input Voltage.....	US standard (120 VAC @60Hz)
Signal Connections (Input and Output).....	RJ-45

See the other Juice Goose power sequencers: CQ-1520, CQ-2200, CQ-3000 and CQ-PD1-4.

For More Information

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