



## CQ 50™ Remote Power Control Module



### General Description

The Juice Goose CQ 50, along with the other products in the CQ Series, provides a versatile and powerful means of remotely activating AC power in a controlled and sequenced array for audio video and similar electronic 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 or Juice Goose RC Series sequence trigger accessories.

### Installation and Function

The CQ 50 is a 15 amp model featuring three 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 metal enclosure that contains AC power outlets, a removable power cord and all circuitry and control line connectors needed to integrate the CQ 50 into a larger power control network. Mounting flanges on the chassis make installation 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 a trigger such as the Juice Goose RC Series. Each CQ has a *Sequence Signal Input* and *Output* connector on the chassis. This control link allows the CQ 50 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 or a relay integrated into controllers from QSC, Crestron, AMX and other AV control platforms.

## Application and Advantage

The CQ 50 provides convenient and economical power control for a non racked audio video or similar installation. This device can plug into any 15 amp (or hybrid 15/20 amp) electrical outlet. For small, single fifteen amp applications there's no need for an electrician to install a hardwired circuit.

This power module works well with remote mounted powered speakers, video monitors, lights or any other load totaling fifteen amps or less that should be remote controlled or sequenced on and off as part of a larger power management system.

## Detail Specifications

Chassis.....Metal. Mounts to a stable surface with four holes on two mounting flanges  
Dimensions (inches) .....1.75H x 8.5W (9.5 with flanges) x 9.5D  
Weight (lbs).....5 (net)  
Current Rating (amps).....15  
Number of Sequence Events.....One  
Sequence Delay (standard).....Two second delay before triggering next sequencer  
Power Input.....Detachable six foot power cord, IEC C13 with NEMA 5-15P plug  
Power Output.....NEMA 5-15R. One unswitched. Two switched with power sequence  
Input Voltage.....US standard (120 VAC @60Hz)  
Control Line Connections (Input and Output).....RJ-45 (Two)



CQ-50 with a power cord has the same Input and Output control line pass through design as other CQ Series products. RJ-45 cabling is used to "network" several locations and coordinate power control.

See the other Juice Goose power sequencers:  
CQ-1, CQ-5, CQ-1515, CQ-1520, CQ-2200, CQ-3000 and CQ-PD1-4.  
(CQ-15XX models are available with RX Series surge protection.)

**For More Information**  
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