



RC5 & RCDM2 SEQUENCED POWER ACCESSORIES

GENERAL DESCRIPTION

The RC5 and RCDM2 are optional accessories, designed to function specifically with the Juice Goose CQ Series of AC power sequencing and control products. CQ Series products include the CQ-1500, CQ-2000, CQ-2200, CQ-3000 and CQ-PD1-4. The CQ Series products provide a versatile and powerful means of remotely activating AC power in a sequenced array for application to both sensitive and high amperage equipment.

The RC5 allows key switch security against unauthorized operation of the system. The RCDM2 allows operation of the system from 2 locations.

OPERATION

The RC5 features a latching three position key switch that controls the sequence up, pause and sequence down operations of a Juice Goose CQ Series product to which it is connected. Indicator lights on the RC5 report the key switch position and the sequencing operation completion. When the key switch is in the center ("Pause") position, an indicator light reports the status of the signal line connection throughout the CQ system.

The RC5 is available in rack or wall mount designs and requires no secondary power supply. RC5 power is supplied by the CQ Series product to which it is connected. The RCDM2 requires connection to a 120VAC power source, but requires very little current.

The rack mounted RCDM2 allows control and monitoring of a CQ Series system from two locations. The product enables either one of two RC5s depending on which of the terminals was the last to be used. It has two cable inputs, one for each RC5 and one cable output for connection to a CQ Series product using six wire RJ style cable.

RC5-RM & RC5-WM



In a typical CQ system the RC5 will be connected to the first CQ device in a chain of sequencing products. Use of the RC5 will be the initial step in activating the system. Using an RCDM2 one control point may be at the "front-of-house" while a second is at an on-stage location.

CONTROL LINE CONNECTION

The RC5, RCDM2 and all CQ products can be easily connected by way of standard 6 wire (RJ-11) modular phone cable. Each CQ has a *Sequence Signal Input* and *Output* connector on the chassis. This communication link allows any CQ device to be installed at any stage in a power sequencing system and act as a power sequencer or controller. There is no limit to the number of CQ devices that can be connected in this manner.

A signal line run from an RC5 should be connected to the *Input* connector on a CQ Series product. When two RC5s are required, each will be connected to a separate *Input* connector on a rack mounted RCDM2. An additional signal line will run from the *Output* connector of the RCDM2 to the *Input* connector of the first CQ Series product.

DETAIL SPECIFICATIONS

Chassis

RC5-RM.....18 gauge steel, powder coat faceplate with back box
RC5-WM.....single gang aluminum faceplate with back box
RCDM2.....single space rack mount with 11 gauge mounting brackets

Dimensions

RC5-RM.....1.75”H x 19”W x 1.5”D
RC5-WM.....4.5”H x 2.75”W x 1.5”D
RCDM2.....1.75”H x 19”W x 7.0”D

Power Input, RCDM2.....hard wire through strain relief on back box

Power Output, NEMA 5/20R.....CQ-2000 two, CQ-2200 four

Input Voltage.....US standard (120 VAC @60Hz)

Signal Connections.....RJ11 six wire phone cable, similar to CAT5

Monitor Features.....monitor lights correlate to processor and relay operation

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

FOR MORE INFORMATION

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