JUICE GOOSE™

RC5 & RC-DM3

SEQUENCED POWER CONTROL ACCESSORIES

GENERAL DESCRIPTION

The RC5 and RC-DM3 are optional remote control accessories, designed to function specifically with the Juice Goose CQ Series of AC power sequencing and control products.

Four RC5 models are available to allow remote control and monitoring of the CQ Series AC power system in a variety of security and operational scenarios. Selection of a particular RC5 model depends on specific security and convenience requirements. Key switch activation limits access to only authorized personnel. Rotary switch activation is available when security is not as big a priority as convenience. All RC5 models provide lighted indicators for system operation and system status. Connection is as simple as snapping an RJ-45 cable with a connector into the back of the RC5.

KEY SWITCH

RC5-RM & RC5-WM

The RC-DM3 allows control and monitoring of a CQ Series system from three locations and may be used as an automated emergency alarm shut down controller. The RC-DM3 coordinates commands from up to three RC5s. Which of the RC5s is active depends on which of the remote controls was the last to be used. The RC-DM3 has three cable inputs, one for each RC5, and one cable output for connection to a CQ Series product. It also has a two position terminal on the back of the unit. Without a latched contact across that terminal the RC-DM3 will initiate a command to sequence down the CQ Series system that it controls. Connecting this terminal to an emergency alarm trigger will integrate the CQ Series system.

ROTARY SWITCH

RC5-WM-RS

OPERATION

The optional RC5 may be used to control the sequence up, pause and sequence down operations of the Juice Goose CQ Series product. Indicator lights on the RC5 report the system activity and sequencing operation completion. When the 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. It requires no secondary power supply. Power is supplied by the CQ Series product to which it is connected. The rack mount RC-DM3 requires connection to a 120VAC power source. 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 RC-DM3, one control point may be at the "front-of-house" while a second is at an on-stage location and a third is elsewhere. The system can be sequenced up or sequenced down from any location, regardless of where the previous control was initiated.

RC-DM3 Front

CONTROL LINE CONNECTION

The RC5, RC-DM3 and all CQ products can be easily connected by way of 8 wire (RJ-45) modular 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.

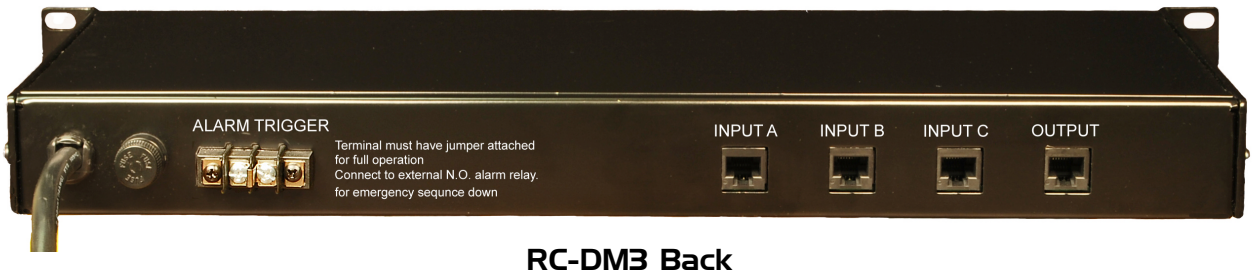
A signal line run from an RC5 should be connected to the Input connector on a CQ Series product. When two or three RC5s are required, each will be connected to a separate Input connector on a rack mounted RC-DM3. An additional signal line will run from the Output connector of the RC-DM3 to the Input connector of the first CQ Series product.

AVAILABLE RC5 MODELS

RC5-RM……Rack mount, key switch.
RC5-WM……Wall or panel mount, key switch.
RC5-RM-RS……Rack mount, rotary switch.
RC5-WM-RS……Wall or panel mount, rotary switch.

DETAIL SPECIFICATIONS

RC5-RM (includes –RS rotary switch models)……18 gauge steel, powder coat faceplate with back box
RC5-WM (includes –RS rotary switch models)……Single gang aluminum faceplate with back box
RC-DM3……Single rack space, powder coat steel chassis
Power Input, RC-DM3……Power cord to 120VAC @ 60Hz
Signal Connections……RJ-45 eight wire cable



RC-DM3 Back

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