



SQ-1500 (TM) SEQUENCED POWER CONTROL SYSTEM



GENERAL DESCRIPTION

The Juice Goose SQ-1500 provides a simple and cost effective means of local or remote activation of AC power in a three step sequence for application to both sensitive audio and high amperage equipment. The sequence process of the SQ-1500 can be controlled with the switch on the front of the unit or by way of a remote latching contact closure connected to a terminal strip on the back. The SQ-1500 features three sequenced duplex receptacles and one unswitched AC receptacle. Each duplex has its own preset turn on and off timing. Signal source and processing equipment can be powered by the first sequence stages while amplifiers are powered by the last ones. All power down sequences are exact reversals of the power up sequences.

The SQ is a great choice for single rack applications where fifteen amp sequential power control is sufficient. For installations involving higher current or where multiple racks are involved see the Juice Goose CQ-1520 and other CQ Series products.

REMOTE CONTROLS AND MONITORS

The SQ-1500 can be triggered by the switch on the front of the unit or by a remote contact closure. There are five positions on the remote control terminal on the back of the SQ-1500. This communication link allows the SQ-1500 to be controlled by closing and opening a latching contact.

Terminal Connections for Remote Control

1 to 4 - Sequence Down

1 to 5 - Sequence Up.

(Other positions are currently open.)

When there is no contact on the terminal the sequence switch on the front determines the function of the unit.

The SQ-1500 can be activated with a custom mounted single or double pole switch, a relay or any other latching device including controllers from Crestron, AMX and other manufacturers.



LOCAL CONTROLS AND MONITORS

The SQ-1500 features a two position sequence switch on the front of the chassis. This switch is active only if there is no contact closure on the connect terminal on the back of the unit. When active, this switch causes the unit to sequence up or sequence down. A Manual Override switch allows the SQ-1500 to be manually operated, overriding the control circuit in the unlikely event of a fault or failure. The Manual Override switch activates all outlets at once without sequencing.

Indicator LEDs on the front of the chassis allow local monitoring of the unit operation. The PROCESSOR light will blink to indicate the control processor on the unit is functioning. The POD lights are illuminated as a result of contact closure by the CQ relays, indicating that relay closure has occurred.

DETAIL SPECIFICATIONS

Chassis.....	16 gauge steel
Dimensions.....	1.75"H x19"W x 7"D
Weight.....	10 lbs
Circuit Breaker.....	15A thermal on back of the chassis
Relay Current Rating.....	30A
Number of Sequence Events.....	Three
Power Input.....	Seven foot power cord with NEMA 5/15P plug
Power Output.....	Six NEMA 5/15R (Sequenced) & one NEMA 5/15R (Unswitched)
Input Voltage.....	US standard (120 VAC @60Hz)
Signal Connections.....	Five position terminal for 14 to 24 AWG connection
Monitor Features.....	Front panel monitor LEDs

Other Juice Goose power sequencers: CQ-1, CQ-1520, CQ-2200, CQ-3000
and CQ-PDI-4

FOR MORE INFORMATION



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