



RDL[®]
Radio Design Labs

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

RACK-UP[®] SERIES

Model RU-SQ6 Sequencing Controller

ANYWHERE YOU NEED...

- Control of Sequential Power-Up
- Sequential Switching
- Adjustable Time Interval
- Relay Contact Closures
- Up to SIX Sequential Events



You Need The RU-SQ6!

The RU-SQ6 is part of the group of versatile RACK-UP products from Radio Design Labs. RACK-UPS feature the advanced circuitry for which RDL products are known, combined with accessible, user-friendly controls and displays. The ultra-compact design permits high-density installations, with *three* products mounted in a single rack unit! Single RACK-UPS can be mounted right where they are needed using the adhesive methods popularized by RDL's STICK-ON[®] series of products. Optional brackets permit mounting a RACK-UP module above, below, or in front of any flat surface. Optional rack-mount adapters and chassis are available for conventional RACK-UP series installation.

APPLICATION: The RU-SQ6 is the ideal choice in installations where sequential **ON** and sequential **OFF** functions are desired. Control and output connections are made on the rear panel through clearly identified full-size barrier block terminals.

Two types of outputs are provided for each of the 6 sequential steps. Each output operates an Open collector switch capable of switching loads of 50mA. Each output also provides a SPST dry contact closure, which may be used to control a variety of other equipment.

Closing the **ACTIVATE** terminals on the rear of the RU-SQ6 causes the outputs to turn on sequentially. Opening the **ACTIVATE** terminals (with power connected to the RU-SQ6) causes the outputs to turn off in reverse sequence. If the **ACTIVATE** terminals are permanently jumpered together, the RU-SQ6 outputs will turn on sequentially when power is applied to the module; all outputs will turn off simultaneously when power is removed from the RU-SQ6.

A single front-panel **TIMING INTERVAL** control adjusts the time delay between channels, and is adjustable from 1 to 10 seconds. Front-panel LEDs show when each output channel turns on and off.

Wherever sequential up and down switching is needed the RU-SQ6 is the ideal choice. Use the RU-SQ6 individually, or combine it with other RDL RACK-UP or STICK-ON products as part of a complete audio/video system.



RDL[®]
Radio Design Labs

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™



RACK-UP® SERIES

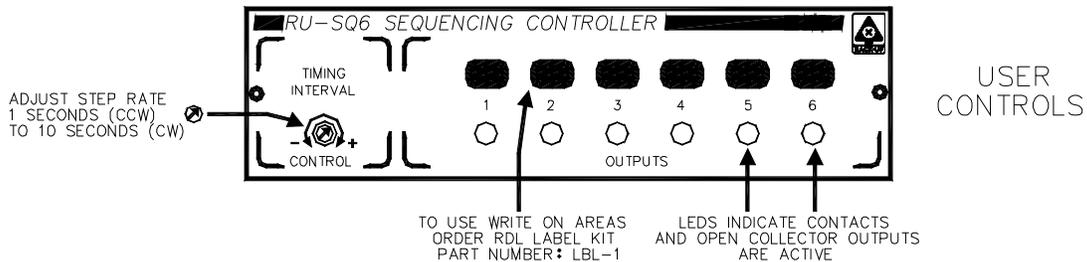
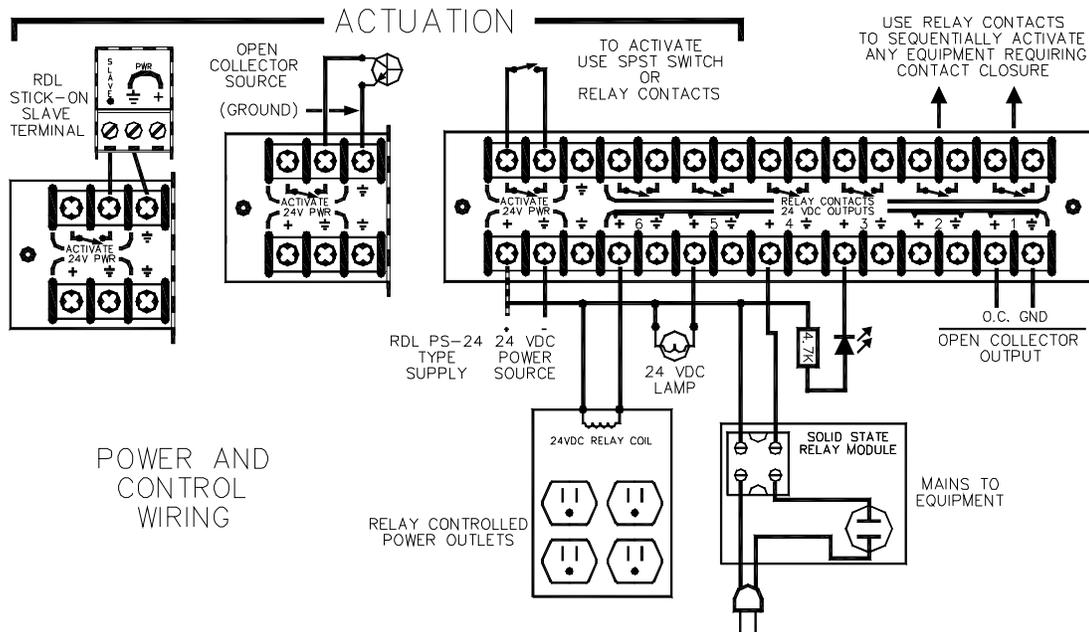
Installation/Operation

Model RU-SQ6 Sequencing Controller



EN55103-1 E1-E5; EN55103-2 E1-E4

Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product. Specifications are subject to change without notice.



TYPICAL PERFORMANCE

Control Input:	External closure <1 mA @ 24 Vdc
Interval Between Outputs:	1 to 10 seconds, front-panel adjustable
Indicators:	Front panel LED indicating channel 'on' condition
Output Channels:	6
Open collector (each):	50 mA
Relay Outputs (each):	SPST (closed when active)
Maximum Switching Power:	60 W, 125 VA
Maximum Switching Voltage:	220 Vdc, 250 Vac
Maximum Switching Current:	2 A
Maximum Carrying Current:	3 A
Power Requirement:	24 to 33 Vdc @ 75 mA + Connected load current, Ground-referenced
Dimensions:	Height: 1.7 in. 4.3 cm
	Length: 5.8 in. 15.0 cm
	Depth: 2.0 in. 5.1 cm (case only)
	2.5 in. 6.4 cm (including barrier block)

Radio Design Labs Technical Support Centers

U.S.A. (800) 933-1780, (928) 778-3554; Fax: (928) 778-3506

Europe [NH Amsterdam] (+31) 20-6238 983; Fax: (+31) 20-6225-287