



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

Radio Receiver/Decoder
FAA L-854

Compliance and Applications

FAA type:
L-854 Radio Receiver/Decoder, Air-to-ground, Type 1, Style A

ETL Certified to:
FAA AC 150/5345-49C

Our L-854 FM radio receiver/decoder is designed to provide pilots direct, unassisted air-to-ground control of airfield lighting systems. This field tunable radio (+/- 1 MHz) allows pilots to activate airfield lighting with a series of 3, 5, or 7 microphone clicks in a 5 second period. An integrated timer shuts airfield lights off after 15 minutes of illumination.

Our L-854 receiver is particularly useful for small to mid-sized airfields where continuous nighttime illumination is unnecessary and expensive. The unit is a virtual necessity for remote sites where the volume of air traffic or the availability of qualified on-site control personnel may be limited. Our rugged, solid state design will provide years of service and is the perfect replacement for aging "crystal" based units.

Features

- Relay bank operation is easily selectable from front panel.
- Standard long life mechanical relays ensure compatibility with your equipment.
- Our solid state receiver design makes for extremely low power consumption.
- Field tunable radio (+/- 1 MHz, factory set operating frequency 122.800 MHz).

- Standard construction features a rugged NEMA 4/12 enclosure. Custom cabinets are available to suit your application.
- Custom designs are available for OEM integration, solar deployment, mobile operation and heliport control. Ask our engineers to build your exact model needs.
- Capable of a wide range of operating voltages from 90-264VAC, 60 or 50 Hz with no modifications through the use of a switching power supply.
- Integrated heater provided to allow operations in sub-zero environments.

Installation

- Sold as a complete package, installation ready with a sturdy dipole antenna, lightning arrestor, and 20' of coax antenna line. No mast or other mounting hardware is provided.
- Front panel cage clamp terminals are contractor friendly and make installations a breeze.
- Deployment is as easy as hanging the unit, providing a radio power source, wiring control power inputs and outputs and mounting the antenna.



*L-854 Radio Receiver/Decoder
Part #47-RDL854-1A
(Heliport #47-RDL854H-1A)*

Visit our web site: www.flightlight.com

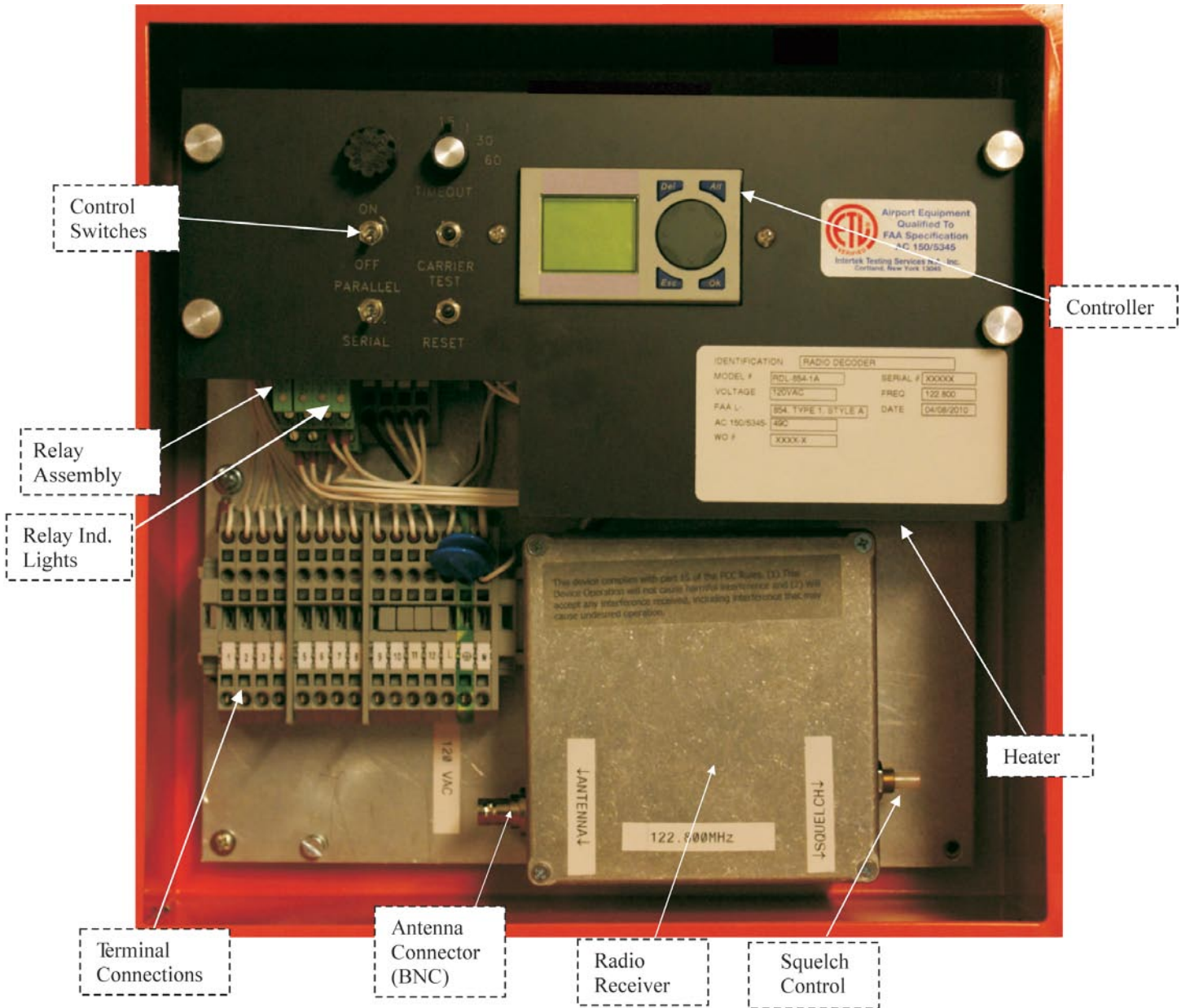


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Equipment Orientation

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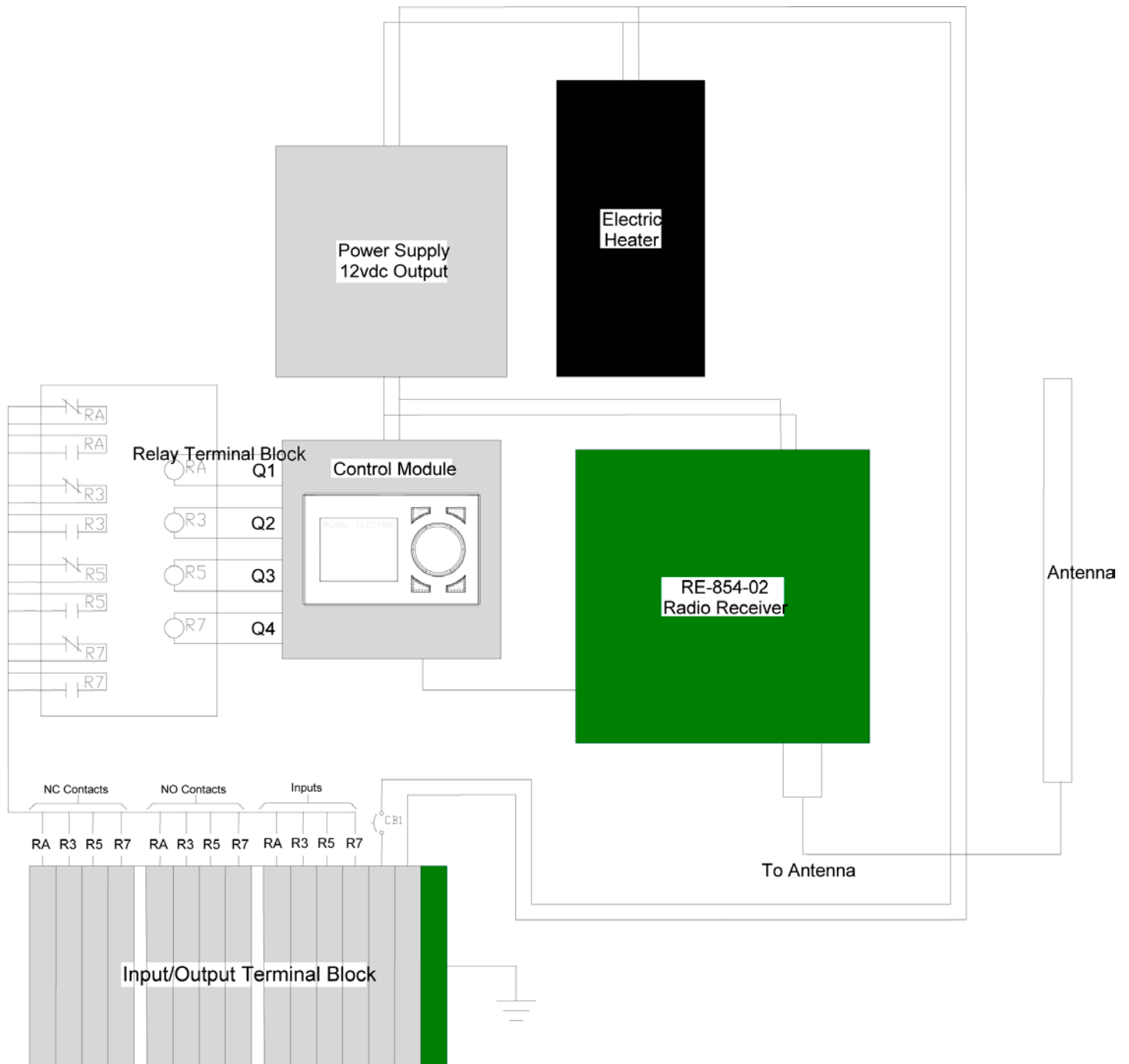


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Component Layout

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