

L-854 Radio Receiver/Decoder



COMPLIANCES

FAA AC 150/5345-49C

PRODUCT APPLICATION

The L-854 FM radio receiver/decoder is designed for flexibility and reliability. This field tunable radio allows pilots to control airfield lighting with a series of 3, 5, or 7 microphone clicks in a 5 second period. An integrated selectable timer shuts airfield lights off after 1, 15, 30, or 60 minutes of illumination.

The L-854 receiver is particularly useful for small to mid-sized airfields where continuous nighttime illumination is unnecessary and expensive. Our rugged, solid-state design will provide years of service and is the perfect replacement for aging "crystal" based units.

POWER & CONTROL EQUIPMENT - 4.10

ORDERING INFORMATION

Part# RDL8541A

Manufactured by Rural Electric, Inc.

FEATURES

- The FM radio receiver is 100% field tunable within the 118-136MHz Airband.
- Tested to operate indoors or outdoors in temperatures from -55°C to +55°C.
- Standard construction features a rugged NEMA 4/12 enclosure. Custom cabinets are available to suit your application.
- Relay bank operation is easily selectable from front panel.
- Standard long life mechanical relays ensure compatibility with your equipment.
- The solid state receiver design makes for extremely low power consumption.
- Custom designs are available for OEM integration, solar deployment, mobile operation and Heliport control.
- Available in a wide range of operating voltages, from 100-240VAC, 50/60Hz.

INSTALLATION INFORMATION

- Sold as a complete package, installation ready with a sturdy dipole antenna, lightning arrestor, and 20' of coaxial antenna cable.
- Front panel cage clamp terminals are contractor-friendly.
- Deployment is as easy as hanging the unit, providing a radio power source, wiring control power inputs and outputs and mounting the antenna simple, quick and reliable.

TECHNICAL SPECIFICATIONS



RDL8541A ELECTRICAL CHARACTERISTICS @ 120VAC 60Hz			
INPUT VOLTAGE	AC CURRENT STANDBY MODE	AC CURRENT ACTIVE MODE	AC CURRENT W/100W HEATER ON
90-264VAC 50-60Hz AUTO SENSING	0.088 A	0.1 A	1.4 A

6830 NW 16th Terrace • Ft. Lauderdale, FL 33309 USA
Phone: 1.937.652.3500 • E-mail: AFLsales@HugheyAndPhillips.com • www.HugheyAndPhillips.com

Actual product specifications may have changed since the printing of this brochure.
Brochure specifications are not binding. Confirm current specifications at time of order.