

# HALI-BRITE®

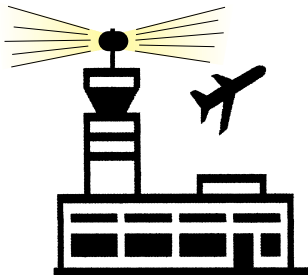
## L-854 Radio Receiver/Decoder

### Compliance with Standards:

L-854 Air to Ground, AM Radio Receiver/Decoder FAA Type 1, Style A  
AC 150/5345-49A Specification L-854 Radio Control Equipment  
AC 150/5345-1 Approved Airport Lighting Equipment

### Applications:

The L-854 AM Radio Receiver/Decoder is designed to provide pilots direct unassisted air to ground control of Airfield Lighting Systems, with the ability to activate and vary lighting intensities by keying their microphone 3, 5, or 7 times in a 5 second period. When the L-854 AM Radio Receiver/Decoder detects a valid series of radio Keys, the airfield will become energized to the selected intensity. The airfield lighting system will remain illuminated at the pilot selected intensity for a 15 minute interval after which system will automatically be shut down. If the receiver/decoder unit detects a new series of valid radio keys any time during an active 15 minute period, the lighting system changes to the selected intensity and a new 15 minute interval begins. The L-854 AM Receiver/Decoder is a particularly useful for managers of small to midsize airfields allowing continued operations during off or night time hours. The L-854 AM Receiver/Decoder 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.



### Standard Features:

- Two banks of 3-5-7 control outputs independently configurable for sequential or cumulative modes of control.
- Two banks of 3-5-7 control outputs independently configurable for various control output voltages.
- Two independent control voltage inputs.
- Optical Isolation from controlled equipment for electronic protection.
- Low power consumption +13.6Vdc +/-10% at 100mA
- Reduce need for interface box.
- Selectable Frequency Range 118-137Mhz.
- Built on proven synthesized receiver technology.
- Excellent sensitivity: (10db S/N) 0.2uV.
- Excellent adjacent channel selectivity:80db.
- Recessed squelch control adjustable 0.2uV – 5.0uV.
- Retractable mounting brackets.



### Available Options:

- Internal or External Battery Backup Systems.
- Flexible input power options.
- Internal, External, or Remote audio output and volume control.
- External or Remote control and status indicator panel.
- Programmable microprocessor control for special applications.

### Installation:

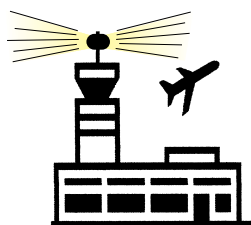
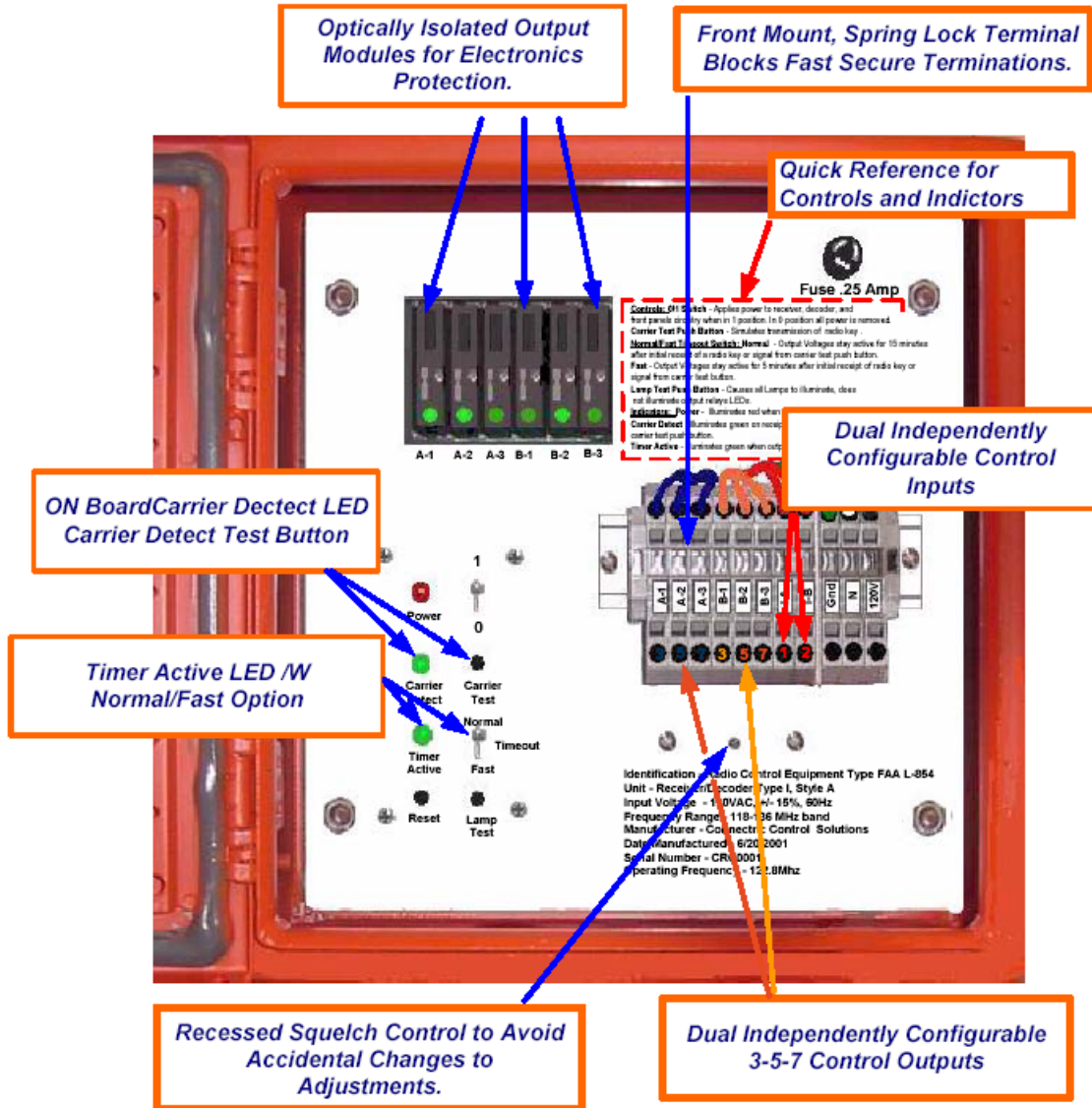
The L-854 AM Radio Receiver/Decoder is housed in a wall mount enclosure with retractable mounting brackets that provide a sturdy hassle free method of mounting the unit. The central location and use of front load spring lock terminal blocks enable the enclosure to be penetrated from any side making the terminal connections for power, control input, and control output feeds readily accessible for quick secure connections. CC Solutions L-854 AM Radio/Receiver was designed keeping the electrical installer and airfield lighting technician in mind.

### HALI-BRITE® INC.

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