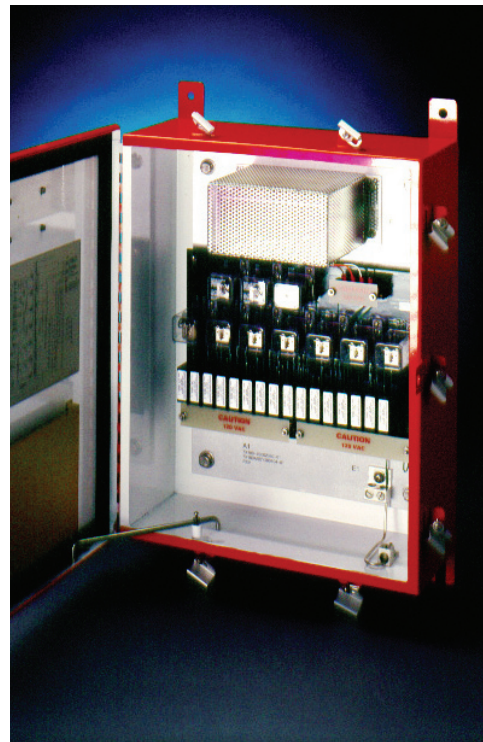


RRCIU

Remote Radio Control Interface Unit



NBP

www.nbpcorp.com

RRCIU

Remote Radio Control Interface Unit

SYSTEM DESCRIPTION

NBP's Remote Radio Control Interface Unit is a commercial off-the-shelf unit which negotiates control of an approach or runway lights at airports. It is designed to interface between a Ground-To-Ground Receiver Decoder Controller (G/G), an Air-To-Ground Radio (A/G) and the lighting system to be controlled. The Interface Unit receives the control signals from the G/G and A/G controllers and permits the system, with the proper authority, to control the lighting system.

The Interface Unit has the capacity to control the following systems:

- △ Medium-Intensity Approach Lighting System with Runway Alignment Indicator Lights (MALSR)
- △ Precision Approach Path Indicator System (PAPI)
- △ Visual Approach Slope Indicator (VASI)
- △ Runway End Indicator Lights (REIL)

The system provides controls for up to three intensity levels and ON/OFF control for a flasher through the use of 24 and 120 volt relays. The system is protected from lightning and other transients by a series of lightning arresters.

SYSTEM OPERATIONAL SPECIFICATIONS

System Input Voltage: 120 Vac, 60 Hz
Current: 2 Amps, AC

Model #2212CPS - Commercial Power Supply (0° to +70°C)
Model #2212IPS - Industrial Power Supply (-40° to +70°C)

SYSTEM ENVIRONMENTAL SPECIFICATIONS

Meets all requirements of FAA-E-2663 (Interface Unit, MALSR Remote Control) including the following environmental specifications.

Sand and Dust: MIL-STD-810C
Salt Spray: MIL-STD-810C
Rain: MIL-STD-810C
Transient Suppression: ANSI-C-3790a



www.nbpcorp.com

1037 West Ninth Street
Upland CA 91786

V 909.982.9806
F 909.985.6217