



MODEL 1200

Radio Receiver Controller Model 1200

Designed to avoid leaving lights on when not in use

The Radio Receiver Controller is designed to permit turning the Heliport Lighting System on from the aircraft or from the ground, thus conserving power and extending lamp life. The lights need only be turned on when needed.

The Heliport Lighting System is turned on when the Radio Receiver Controller receives 5 pulse signals, in a 5 second period of time from the regular VHF communications transmitter in the aircraft. The lights will then remain on for a period of 15 minutes.

The Receiver is solid state with adjustable sensitivity from 1 to 30 microvolts, permitting a control range of up to 20 miles. It is normally set at 10 microvolts. It may be purchased in any frequency in the VHF range. The Unicon Channel 123.05 or 123.075 MHz are a frequent choice. Decoding is accomplished by solid state digital circuitry which is designed to sense the presence of 5 pulses within a 5 second period. It determines if this condition exists, closes a relay switch, and in turn, activates the lighting system.

Individual sections of the lighting system, such as the Beacon, may be turned off prematurely by transmitting 3 pulses within a 5 second period.

The Receiver will operate from 110 Volt AC or 220 Volt AC, 60 Hz, single phase power. It is contained in a weatherproof steel case that is 10 inches wide, 12 inches high and 5 inches deep and may be mounted conveniently to a wall power outlet, either inside or outside. A remote antenna or a whip antenna may be specified.

SPECIFICATIONS

CASE:

Steel weatherproof

FREQUENCY:

Any V.H.F.

RANGE:

Up to 20 miles

CONTROLS:

Two

CIRCUIT:

Solid State

SENSITIVITY:

1 to 3 Microvolts

ORIENTATION:

Indoor to Outdoor

FINISH:

Orange

DIMENSIONS:

Height: 20 Inches

Weight: 9 Pounds

Candelabra