POINT RADIO CONTROLLER
PRC
AIR TO GROUND PILOT CONTROL

POINT LIGHTING CORPORATION IS AN INTERTEK ETL CERTIFIED BUILDER OF INDUSTRIAL CONTROL PANELS UNDER UL 508A 3ᴿᴰ AND CSA C22.2 NO. 286. PHC PANELS ARE LABELED WITH THE ETL LISTED MARK.

NOTE: THE PRC IS A PASSIVE RADIO SIGNAL RECEIVER. IT DOES NOT TRANSMIT AND CANNOT TRANSMIT. THEREFORE, THE PRC IS NOT SUBJECT TO REGULATIONS ASSOCIATED WITH AIRCRAFT & FIXED BASE RADIOS.

The PRC digital touchscreen radio controller permits the pilot to remotely activate the lighting system. The PRC is often used for a heliport or airfield lighting system that may be unattended for periods of time. The system is remotely activated by the aircraft pilot keying the microphone on the controller's preset frequency. Three "clicks" of the microphone within five seconds activate circuit 1, five "clicks" activate circuits 1 & 2; seven "clicks" activate circuits 1, 2 & 3. For basic ON-OFF lighting control, only circuit 1 is connected. The timer will reset the system to OFF after fifteen (15) minutes. At any time during the fifteen minutes, the microphone may be rekeyed in the proper sequence to reinitiate the fifteen minute cycle.

The remote mounting antenna is standard with a 50-ft cable and connectors. There is a factory installed option for 100-ft length. The facility owner must obtain the frequency assignment from the local aviation authorities which is typically between 118.000 and 136.000 MHz. Authorized personnel using a password may set all parameters of the PRC on the color touchscreen.   DC power: 8W standby; 11W when active.

Point Type — Voltage — Options

Point Type	Voltage		Options	
PRC-65004	AC:	96 – 264V (50/60 Hz)	A10:	100-ft Antenna Cable *
	DC:	10 – 36V	SS:	Stainless Steel Enclosure
	6:	277v ^	HTR:	Heater (AC) prewired**
^ Input 277v; output 120v; maximum load 480 VA			SV:	Sun Visor to protect screen from damage by direct sun
			BD:	Breather/Drain

* For when the distance to the antenna exceeds 50-ft. The antenna cable must be installed as received & any excess coiled in place. It cannot be cut or spliced.

** Required if outdoor & ever goes below freezing. Automatic operation extends range to -20 deg F (-29 deg C)

POINT TOUCHSCREEN RADIO CONTROLLER
PRC-65004-AC

Dimensions: Inches (mm)
17.4 (441) x 15.3 (339) x 6.7 (169)

Temperature Rating:
0 deg C to +55 deg C

FEATURES

- Digital radio receiver with selectable frequency
- LED color TFT touchscreen on the door
- Field programmable VHF radio frequency
- Field programmable squelch & timer settings
- Password protected user programming
- Use 1, 2 or 3 output circuits
- Each output circuit protected by a 15A breaker
- Remote contact for system activity status
- DIN-rail mounted surge suppressor
- Standard 50-ft antenna cable or optional 100-ft
- NEMA 4X fiberglass enclosure indoor or outdoor

ISOQAR QUALITY ASSURED — ISO 9001

MADE IN USA

ETL LISTED — Intertek

CE

Option -SV   Sun Visor

- Protects the touchscreen from damaging direct sun by closing over it.

- Improves screen readability outside in daylight.

- Padlockable (padlock by others)

BRACKET PL11371 FOR
WALL MOUNTING

Black Anodized Aluminum
with Stainless Steel Hardware

BRACKET PL11371-TPM FOR
TOWER OR POST MOUNTING

Black Anodized Aluminum
with Stainless Steel Hardware