

REMOTE LIGHTING CONTROLLER

HP0832

FEC's Remote Lighting Control unit brings your pilots another level of safety by allowing them to turn the lights on as they approach the helipad. Equipped with the latest in technology for a fully digital design, this unit comes preprogrammed to 122.80MHz, but allows you the ability to program any frequency that best serves your facility.



KEY FEATURES:

- Three programmable relay and activation options
- Extends operating hours for your helipad
- Programmable frequency (preset to 122.80MHz)
- Additional remote units available for Dispatch or Nurses Station
- Traditional VHF Pilot Controlled Lighting (PLC) configuration
- Simple radio, including frequency, setting through front panel no fiddly switches
- Defined number of presses to activate Circuits 1, 2 or 3
- Programmable timeout period
- VHF operation can be remotely enabled/disabled for extra security
- Direct circuit control via keypad (with PIN)
- FCC/EU approved, Integrated tri-band GSM Telemetry Engine for SMS control
- Secure PIN code protected SMS commands to monitor and control your installation
- Secure SMS status reporting - check out your installation before taking off
- Remotely activate Circuits 1, 2 or 3 and have the status sent straight back to your mobile
- Remotely monitor and control via optional GSM linked Mimic Panel
- Optional weather station interface for meteorological information from your helipad
- Three 20 Amp heavy duty relays in the box - Enables linked peripheral shutdown
- Local and remote test and diagnostics integrated into the unit
- Very low power consumption - Approx. 2W (idle) and less than 30W max. (including optional internal winter heater)
- Operates from 110-240V AC 50-60Hz or 12V DC (ideal for solar and batteries)



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FEC's RLC is ideal for remote locations with limited or no mains power.

The unit runs either from its internal 110-240V AC Power Supply Unit, but can also run on 12V DC and with its incredibly low 2 Watt standby power consumption is ideal for operating from batteries charged by solar or wind generators.

TECHNICAL DETAILS

CONTROLLER MODES: 3 - Local keypad, VHF PCL or GSM/SMS or both	UNIT OPERATING TEMPERATURE: -25°C to +50°C
SYSTEM SECURITY: PIN Code (keypad and GSM)	SYSTEM STORAGE TEMPERATURE: -25°C to +80°C
VHF FREQUENCY RANGE: 118 to 136 MHz	COMPLIANCE: ROHC Compliant
CHANNEL SPACING (CURRENT): 25kHz	OPERATING VOLTAGE (AC): 100-240V AC 50-60Hz
CHANNEL SPACING (FUTURE): 8.33kHz	OPERATING VOLTAGE (DC): 12V DC
FREQUENCY SELECTION: Any channel or UNICOM	MAX VOLTAGE RANGE (DC): 10V - 15V DC
VHF AERIAL: External remote mounted	POWER (STANDBY): 2 watts (approx.)
GSM BANDS: Tri-Band	POWER (GSM TRANSMITTING): 10 watts (maximum)
NETWORK: Operators choice subject to coverage	RELAY CAPACITY: 3 off 20A Relays (1 NO, 1NC) DIN rail mounting
TARIFF: Account or pre-pay	MAX POWER CONSUMPTION: 30 watts (including optional winter heater)
GSM AERIAL OPTIONS: Internal to unit or remote mounted	SIZE (HEIGHT, DEPTH, WIDTH): H - 11" (280mm), D - 6.5" (165mm), W - 7" (180mm)
DEGREE OF PROTECTION: IP65 (general)	WEIGHT: 5.5lbs (2.5kg)
LCD AND KEYPAD PROTECTION: IP65 and 'vandal resistant'	WARRANTY: 2 years return to FEC (excluding relays)