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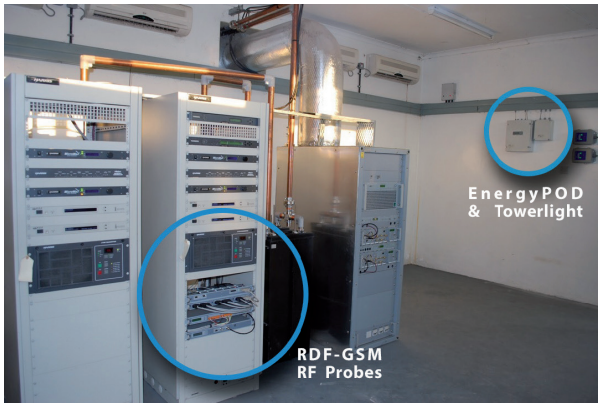
Tower-Light



The TowerLight is a microprocessor based system designed to monitor the status of obstruction lights, used on many broadcast and communication towers. The system will monitor up to eight beacon bulbs and eight marker bulbs: monitoring processing allows controlling all lamps from a single point, including flasher operation. All outputs are opto-isolated for lightning protection when connected to external remote site monitoring equipment. With all lights operating on the tower, the monitor automatically calibrates itself for the number of bulbs in the system. The unit is specifically designed for broadcasters: great consideration especially for the fault tolerance and twilight sensor fault.

Total FCC compliance

Operation
After a calibration, the system continuously checks the current consumption as main parameters to define the alarm status for: flashing fault, main power presence, beacon fault, twilight sensor fault.

MAIN FEATURES

- Total monitoring of beacon tower lighting systems
- One key press auto-calibration
- Individual alarm outputs for power supply, beacon
- General alarm output for photocell and light
- Easy to install - installs inside the transmitter building, even if the lighting control equipment is located at the tower
- Insures total lighting compliance - alarms for single bulb failure (marker and beacon), beacon flash rate or on/off ratio outside of FAA specifications and photocell failure

BENEFITS

- compact design
- easy installation

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