

Spilsbury Communications Ltd.

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Model LWX-100A non-directional radio beacon transmitter

The Spilsbury Communications Ltd. LWX-100A is a 100 W PEP low-frequency single-sideband crystal-controlled transmitter, designed for fixed or transportable non-directional radio beacon installations under various environmental conditions. Typical applications include airfields, helicopter pads, offshore oil rigs and support vessels. Two LWX-100A transmitters may be used with an AC-72A automatic switchover unit to provide double reliability in the event of failure of the primary transmitter. The equipment is normally powered by either a 115 V, 60 Hz or a 230 V, 50 Hz single-phase ac source. Alternatively, a 36 V dc battery supply can be used. The Spilsbury beacon system includes the LWR100 beacon monitor receiver and an antenna system, complete with an autotune antenna coupler.

Digital voice announcers

The company produces a range of digital voice announcers which are fully solid state, so that reliability is exceptionally high and maintenance requirements are exceptionally low. They employ a Z80 microprocessor based on Codec analogue/Digital converters to provide high-quality announcements, replacing many types of mechanical recording systems. The digital voice announcer's features and benefits include a clear, undistorted audio, a permanent E-PROM message feature (no lost message as a result of power failure), the capability to answer up to 16 independent telephone lines, and the capability of being remotely programmed from a DTMF telephone.

Company Profile

Spilsbury Communications Ltd. was established in Canada in 1941, and over the past four decades has earned a world reputation for excellence in two-way radio communications. Spilsbury's products are in use by governments and private agencies in more than 60 countries. Every day the company's equipment proves its superiority in hostile climatic conditions from the Arctic to the tropics. All Spilsbury equipment is researched, designed and tested to government-approved standards in the company's main plant and head office in Vancouver, British Columbia.



Digital voice announcer



Non-directional beacon transmitter