

≡≡≡ **SCAN** ≡≡≡  
**SYSTEM 1000**  
**ULTRASONIC TRANSMITTER**

**LC-210**

- **CONTINUOUS TRANSMISSION**
- **OFFICER DOWN**

For models with man down capability, the transmitter can also be activated by tipping the device past a 45 degree angle for more than 12-15 seconds. An audible pre-alert warns the user that the transmitter will activate in 12-15 seconds.

The LC-210 transmitter can be used with all models of SCAN receivers.

**ELECTRICAL**

**VOLTAGE:** 9 VDC

**BATTERIES:** Either non-toxic, lithium batteries or lower cost alkaline batteries are available. Lithium batteries have a five to eight year shelf life and provide 250 hours of continuous operation. Alkaline batteries offer a one year shelf life with 70 hours of continuous operation.

The battery compartment is secured with security screws to prevent unauthorized tampering with the batteries. Access is possible only with a special tool provided by the manufacturer.

**ADJUSTMENTS**

Calibration of the transmitter is accomplished at the factory. No adjustments are required in the field.

**MECHANICAL**

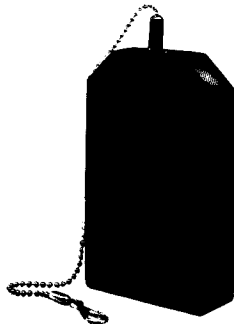
**DIMENSIONS:** 2.4 x 1.0 x 4.0 inches

**WEIGHT:** <6 ounces

**MAINTENANCE**

Batteries need to be changed when the yellow LED is flashing or on steady.

In the event of failure, please consult the factory. In most cases, the unit can be repaired or replaced within 48 hours.



**GENERAL DESCRIPTION**

The SCAN LC-210 is an electronic ultrasonic transmitter which, when activated, generates a continuous signal which is received by a SCAN receiver.

The LC-210 is usually worn on a belt with a steel belt clip. When worn properly, the transmitter cannot be removed from the individual without being activated.

The LC-210 is equipped with two ultrasonic transducers which transmit forward and behind. This feature assures greater coverage than a transmitter with only one transducer. This device also offers a "man down" option.

The polycarbonate housing assures a tough and durable transmitter. Both the operating frequency and the sub-carrier frequency are crystal controlled, assuring stable operation.

**OPERATION**

The transmitter is activated by pulling the pin from the top of the device. By attaching the clip on the chain to a belt loop or button hole, the unit cannot be removed from an individual without being activated.

**SENTRY PRODUCTS, INC.**

2225 MARTIN AVE. #J SANTA CLARA, CA 95050 (408) 727-1866 FAX (408) 727-2129

#### **ENGINEERING SPECIFICATION**

The transmitter shall be a crystal-controlled, electronic, ultrasonic device activated by pulling a pin. Once activated, it shall provide continuous, hands-free operation. The transmitter shall be such that when worn properly, removal from the individual shall activate a signal. The transmitter shall have two transducers for transmitting forward and backward. The transmitter shall have "man-down" capability. They shall be powered by (lithium/alkaline) batteries rated at (5/1) years. The transmitter shall have a low battery indicator and a steel belt clip. The housing shall not exceed 2.4 x 1.0 x 4.0 inches and must be of polycarbonate construction. It shall not weigh more than six ounces including battery.

#### **ORDERING**

LC-210 Basic transmitter without batteries  
LC-210A Transmitter with alkaline batteries  
LC-210AM Transmitter with alkaline batteries  
and "man-down"  
LC-210L Transmitter with lithium batteries  
LC-210LM Transmitter with lithium batteries  
and "man-down"