OWNER'S MANUAL

MODEL CSTXR.1

FCC PART 90

TRACKING TRANSMITTER

INTRODUCTION

The Communications Specialists Model CSTXR.1 wrist or ankle mounted transmitter is used as a homing device to locate persons by Doppler positioning or triangulation. It is FCC Certified and must be used with a valid FCC license, issued for telemetry uses, under Part 90.259 of the Rules. It is programmed at the factory to operate in the 217-220MHz band. Power output is 10mW. It uses a widely available CR2450 Lithium battery which operates the transmitter for more than 30 days. The CSTXR.1 utilizes a TCXO rather than a fragile crystal so it is almost indestructible. The case is completely waterproof and the transmitter module itself is also completely waterproof.

ASSEMBLY AND BATTERY INSTALLATION

1. Drop the transmitter module into the housing as shown in photo #1.

2. Place the battery on top of the transmitter module as shown in photo #2. The plus (+) side of the CR2450 battery is facing up as shown. If the battery is accidentally reversed, the transmitter will not operate but it will not be damaged. Just pop out the battery and reverse it to resume operation.

3. Place the battery cap over the + side of the battery and use the supplied tool to tighten it.

Photo #1

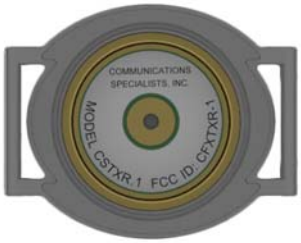

Photo #2

FCC COMPLIANCE NOTICE

In order to legally operate this transmitter, you must first meet the eligibility requirements of FCC Part 90.35. This means you must be engaged in a commercial or educational activity. Then you must have a valid FCC license yourself or be part of a for-profit or non-profit sharing agreement as detailed in 90.179 held by your equipment provider or someone else. If you choose to obtain your own FCC license, we will help you with the following required steps. We will recommend a License Administrator who will prepare your license application and submit it to a Frequency Coordinator. A few questions will need to be answered such as your company name, address, area of planned operation, etc. We will provide the technical information required such as frequencies requested, output power, emission type, etc. A separate fee will be required for the Administrator, Frequency Coordinator, and FCC. After your license is issued and equipment installed, the Administrator will notify the FCC that buildout is complete. Your license will normally be issued for a 10 year term. All operation is secondary to the fixed and mobile services. The FCC ID for this transmitter is CFXTXR-1.

CAUTION: Any changes or modifications to this device could void the user's authority to operate the equipment.

CAUTION: This device may not be co-located or operated in conjunction with any other antenna or transmitter.

WARRANTY

The CSTXR.1 is warranted to be free of defects in materials and workmanship for a period of one (1) year from the date of purchase. Just return the unit to the factory and we will repair or replace it at no charge.

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