SECTION 10

USER'S MANUAL

Axonn Corporation
AX550
Transceiver
Users Manual

The AX550 Transceiver is a member of our Spread Spectrum RF family of products. This transceiver should only be installed by qualified service personnel.

The transceiver detects level, low battery or other data signals from the external binary inputs and broadcasts that data to the system's host receiver.

MOUNTING LOCATION

The AX550 Transceiver is a module as defined by the FCC and therefore must be mounted to another host device in order to function.

NOTICE TO CUSTOMER

Any Axonn customer incorporating the AX550 transceiver module into its own product must have an external notice affixed to its product. This notice must be placed in a conspicuous location and can use wording such as: "Contains FCC ID: L2VAX550" or "Contains Transceiver Module FCC ID: L2VAX550". Any similar wording that expresses the same meaning may be used.

INSTALLATION INSTRUCTIONS

1. Supply the transceiver with DC power by inserting two 3.6 Volt batteries into the battery holder on the customers host application circuit board.
2. The unit will come pre-programmed with Transceiver ID and Property Code. However, the customer does have the option of field programming the unit.
3. When installing the AX550 you should avoid areas near screens, metal window frames, circuit breaker boxes, air conditioners and heaters if a suitable location for the unit may be found elsewhere.

⚠ CAUTION:

This device is required to comply with FCC RF exposure requirements for mobile transmitting devices. A separation of 20 cm (8 inches) or more must be maintained between the antenna and all persons during device operations to satisfy RF exposure compliance.

TESTING THE TRANSCEIVER

Following system installation, system testing is mandatory. This should be performed by locating the AX550 in its final location and powering up the unit. On initial power-up, the AX550 will send out RF messages every 4 seconds or more depending on programming. This will establish communications with the host receiver and the information collected will then be used to judge system performance.

FCC NOTICE

The AX550 transceiver generates and uses radio frequency energy. If not installed and used in accordance with the manufacturer's instructions, it may cause interference to radio and television reception. The transmitter has been tested and found to comply with the specifications in Part 95 of the FCC Rules.

If this equipment causes interference to radio or television reception - which can be determined by turning the equipment on and off - the installer is encouraged to correct the interference by one or more of the following measures: 1) Reorient the antenna of the radio/television. 2) Connect the AC transformer to a different outlet so the TED and radio/television are on different branch circuits. 3) Relocate the TED with respect to the radio/television.

If necessary, the installer should consult an experienced radio/television technician for additional suggestions, or send for the "Interference Handbook" prepared by the Federal Communications Commission. This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, stock number 004-000-00450-7.

CAUTION: Axonn Corporation does not support field changes or modifications to any of the Axonn Corporation RF equipment unless they are specifically covered in this manual. All adjustments must be made at the factory under the specific guidelines set forth in our manufacturing processes. Any modification to the equipment could void the user's authority to operate the equipment and render the equipment in violation of FCC Part 95.

This device complies with Part 95 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

LIMITED WARRANTY

THERE ARE NOT WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. In no case shall Seller be liable to anyone for any consequential or incidental damages for breach of this or any other warranty, express or implied, or upon any other basis of liability whatsoever, even if the loss or damage is caused by Seller's own negligence or fault.