

**Axis Transmitter**  
**Setup and Assembly Instructions**  
Life Sensing Instruments, Inc.

## **Axis Transmitter: Overview**

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The Axis Transmitter is a component of a wireless medical patient-monitoring system designed to acquire and transmit electrocardiogram (ECG) physiological data to a telemetry receiver via a set of internal antennas. The Axis Transmitter is internally powered by (2) AAA batteries.

## **Axis Transmitter: Setup & Assembly Instructions**

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### **Insert the Batteries**

Unscrew each battery cap by grasping the battery cap and turning it counterclockwise until the cap has been full removed. Insert (1) AAA battery into each battery well following the battery direction indicator on the back of the transmitter. Repeat the above instructions for the battery caps but rotate the battery cap clockwise to tighten.

### **Power on the Transmitter**

Press and hold the button for (2) seconds to power on or off the transmitter. The transmitter will make an audible beep to indicate the transmitter is powering on or off. The Power Button's LED will flash **Purple** to indicate the transmitter has a communication link with the Nexus Telemetry Receiver.

### **Power down the Transmitter**

Press and hold the button for (2) seconds to power on or off the transmitter.

### **System Disassembly Instructions**

- Power down the transmitter.
- Remove the (2) batteries following the instructions above.
- Rotate the battery caps clockwise to tighten.

## Axis Transmitter: Disassembly Instructions (Unit)

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1. Power down the unit by removing the batteries.
2. Remove the four screws on the back of the Axis Transmitter housing using a Torx bit.
3. Gently lift the housing cover. Be careful not to tear the antennas that are glued to the cover.
4. Gently disconnect both antennas using a plastic pry tool.
5. Disconnect the ECG flex by lifting the latch on the CN2 connector and gently sliding the flex to the right.
6. Disconnect the keypad pigtail by lifting the latch on the CN3 connector and gently sliding the flex downward.
7. Desolder the four wires attached to the PCB.
8. Remove the four screws securing the PCB.
9. Gently lift the PCB from the top side.
10. Disconnect the LCD on the rear of the PCB by lifting the latch.
11. Once the board is free, remove it from the housing.

