

Operational Description of the equipment

The EUT is the transmitter part of a chest transmitter which can detect heartbeat automatically when on the body. The detailed circuit function are described as below:

PRODUCT	122 KHz transmitter
MODEL NO.	ZT-11
POWER SUPPLY	DC 3V from Lithium Battery
CABLE	N/A
I/O PORT	N/A
FREQUENCY BAND	9kHz-490kHz
CARRIER FREQUENCY	122kHz $\pm$ 10%
NUMBER OF CHANNEL	1
CHANNEL SPACING	0
RF OUTPUT POWER	31nW
MODULATION TYPE	Pulse
ANTENNA TYPE	Coils wound on ferrite cores and soldered to transmitter.

- 1 Moisten the rubber electrodes on the underside of the belt as shown.
Water or saliva can be used.



- 2 The transmitter should be positioned next to your skin with the Logo facing forwards in the middle of the chest, just below the breast.
- 3 The EUT can detect heartbeats and filter signals, then transmit signals to receiver part by self-oscillating transmitter circuit (EUT).