

Operational Description of the equipment

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

PRODUCT	SYSTEM 122
MODEL NO.	ZT1CSC
POWER SUPPLY	DC 3.0V from Lithium battery
CABLE	N/A
I/O PORT	N/A
FREQUENCY BAND	9kHz - 490kHz
EMITTED FREQUENCY	122kHz
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
ANTENNA GAIN	0dBi
RANGE	Up to 80cm (31.5 inches) to monitor
BATTERY LIFE	Approximately 2 years when used 60 min/day

NOTE:

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).