

Operational Description

Background:

This device contains 2 parts : Transmitter and Receiver.

This device is designed for parent using to care her child, when child run out of range ,the device will remind her taking her child.

When using, put the transmitter and receiver in a shortest distance within 1 meter,turn on the transmitter and receiver at the same time, this two device will match each other by the signal. When the Transmitter is turned on, the Receiver switches to Vibration/Sound for code learning. This code learning must be done every time

Parent waer the receiver, child wear the transmitter, the range is 0.8--25meters adjustable, could set the range just by turning the button beside,when the child wanders away exceeded the range setted ,the receiver will alarm by "BE BE " sound to remind her parent taking her child not run away.

The transmitter sends out control signal by the MCU ' s third foot.IC 1 transmit string control signal through R2 to U1 (PT4450) .U1 is inside clock 4MHZ, working voltage 1.8V—3.6V. PT4450 working voltage 1.8V—3.6V, SAW WORKING MODEL.Transmitting model is OOK/ASKselectable. Through PT4450 change control signal to radio signal,radio signal through SAW Filter lock the transmitting frequency,control LED through OUT FOOT singal transmitting.Through RFOUT foot of T4450 transmitting ,L1 supply basic votagle,Through LC to match the antenna.through antenna transmit.