

Appendix 7. Operational Description

Operation Manual

This product informs emergency situation to user using wired telephone line when produce invader, fire occurrence using wireless sensors and emergency situation using wireless remote controller (include necklace style remote controller). And also it is a stand-alone radio alarm system that can drive out invaders.

Sensor part

Sensor (include remote controller) transmits data by protocol predefined at invader, door open, occurrence of fire or emergency situation occurrence to main frame using RF Transmitter.

Main frame part

Main frame examines whether fit to protocol that receive RF signal that sensors (include remote controller) sends a letter through RF Receiver of main frame and is predefined. If is sensor or remote controller that is registered in main frame, main frame calls by stored telephone number beforehand. (At this time, according to user option or state of main frame, wired siren can act.)

Telephone listener part

If listener receives telephone that is made from main frame, recorded beforehand user's address or message is played and manufacturing guidance voice is played continuously. This time, listener can do manufacturing such as tapping, arming side conversation, siren on/off, change main frame working mode and etc. using DTMF that happen by that press telephone button.