Operational Manual

This Operational Manual will include:

1. The description of antenna.
2. Type of Modulation.
3. Transmitting or Modulation duty cycles.
4. Functionality of the EUT
5. How the EUT works.

1. The description of antenna.

   The antenna was fixed by screw and solder. It can't be changed by end user.

2. Type of Modulation.

   It is FM type

3. Transmitting or Modulation duty cycles.

   a. The command code duty cycles

      1: 4 mse

      0: 2 mse

   b. Stand-by mode

      Weak up duty cycles time is 30%

      Sleep duty cycles time is 70%

4. Operational description

   a. The handset can be fixed or mobile or portable.

   b. The base can be fixed.

   c. The EUT has following function

     c.1 Register Function

     c.2 Charge Operational description

     c.3 The Telephone Talking Function

     c.4 Dial Function

     c.5 Redial Function

     c.6 Volume Function

     c.7 Flash Time (600ms)

     c.8 Mute Function

     c.9 Page Function

     c.10 Channel Select Function

c.11 Handset High/ Low Ringer Select Function

c.12 Out of distance Range Alarm Function

c.13 Base Auto on Hook Function

c.14 Speak Phone Function

5. How the EUT works:

    A. Signal & Information being sent.

      a. Channel scans method

        a.1. Stand-by mode

          a.1.1 Wake up mode: Weak up duty cycles time is 30%

                Scan from defult channel or last used channel then plus 23 channel and 66 channel total 3 channelsl.

                Example: CH1+CH24+CH47

          a.1.2 Sleep mode: Sleep duty cycles time is 70%

      b. Handset press ON key for off hook

        b.1 Handset will send ON command to Base with last channel and security code.

        b.2 Base will check the ON command information from Handset.

        b.3 If both Handset and Base match ON command information, The Base will send ECHO command back to Handset

        b.4 Both Handset and Base will off hook.

        b.5 If both Handset and Base no match ON command information, The Base will no send ECHO command back to Handset.

        b.6 Handset will send another ON command to Base with last channel +23 channel and security code.

        b.7 If both Handset and Base no match ON command information, The Base will no send ECHO command back to Handset.

        b.8 Handset will send another ON command to Base with last channel +47 channel and security code.

        b.9 If both Handset and Base match ON command information, The Base will send ECHO command back to Handset.

        b.10 Both Handset and Base will off hook.

        b.11 If both Handset and Base no match ON command information, The Base will no send ECHO command back to Handset.

        b.12 The handset will turn off.

c. Handset press channel key for change channel

    c.1 Handset will send last used CH+23 CH command to Base with security code.

    c.2 Base will check the CH command information from Handset.

    c.3 If the next 23CH for both Handset and Base is clearing, The Base will send ECHO command back to Handset.

    c.4 Both Handset and Base will change to next 23CH.

    c.5 If both Handset and Base have no free channel, The Base will no send ECHO command back to Handset.

    c.6 Handset will send another last channel +47CH command to base with security code.

    c.7 If both Handset and Base have no free channel,, The Base and Handset will stay on last clearing CH, and the Handset will beep.

    c.8 If the next 47CH for both Handset and Base is clearing, The Base will send ECHO command back to Handset

    c.9 Both Handset and Base will change to next 47CH.

B. General operation.

  a. Register Function

    a.1 Provide the base DC 9V 300mA power and handset 3.6V 600mA battery.

    a.2 Put the handset in cradle of the base, the handset send out one beep voice, explain the registration have been finished.

  b. Charge Operational description

    b.1 Put the handset in cradle of the base, the charge LED will light and one beep voice will be heard.

  c. The Telephone Talking Function

    c.1 Press the ⌜ ☏ ⌟ key, the base "INUSE" LED light and hear continuous tone.

    c.2 When the talking was finished, please press the ⌜ ☏ ⌟ key or put the handset in cradle of the base, end the talking.

  d. Dial Function

    d.1 Press ⌜ ☏ ⌟ , afterward dial the telephone number.

  e. Redial Function

    e.1 First press the ⌜ ☏ ⌟ key, second press ⌜ REDIAL ⌟ key the least number will be dial out.

  f. Volume Function

    f.1 The telephone enter off-hook mode.

    f.2 Press ⌜ ▲ ⌟ key or ⌜ ▼ ⌟ key to select the volume high or low.

  g. Flash Time (600ms)

  h. Mute Function

h.1 When the telephone off hook, press 「MUTE」 key it will mute the sending. But it can receive.

h.2 Press 「MUTE」 again, it will reset normal mode.

i. Page Function

i.1 When press the base 「page」 key, the handset can hear beep voice.

i.2 Press 「page」 key again, the voice will be stop.

i.3 Or hearing the beep voice, press the handset any key to stop the function.

j. Channel Select Function

j.1 Press 「Channel」 key may select the channel which the talking effect good channel.

k. Handset High/ Low Ringer Select Function

k.1 When the handset under standby mode press 「▲」 key or 「▼」 key to select the ringer high or low.

l. Out of distance Range Alarm Function

l.1 When the handset out of distance range, it will hear beep voice.

m. Base Auto on Hook Function

m.1 When the handset off hook, but the battery suddenly cut the power, after 20 second the base will auto on hook.

n. Speak Phone Function

n.1 When the handset off hook, press 「◀」 key to use speak phone.

n.2 Press the key again, speak phone function stop.