

OPERATION MANUAL

#NWB 39510 DSST 900MHz BASIC.

REV . A . MAR . 27 . 1998

SAMJOO ELECTRONICS.

DSST 900MHz CORDLESS TELEPHONE SYSTEM.

A. SECURITY CODE SETTING DURING THE CHARGE.

- 1. Blinking The IN-USE and CHARGE LED** after automatically a special security code (16million)is setting.

B. TELEPHONE OPERATION

1. TO PLACE A CALL

- 1) Press talk button.
- 2) In use LED turn on after HANDSET is talk on.
- 3) BASE in-use LED is blinking.
- 4) Wait for a dial tone, then dial the number.

2. TO RECEIVE A CALL

- 1) Auto talk if the HANDSET is on the BASE.
- 2) Press talk key if the HANDSET is out of the cradle.

*The TALK LED , on the HANDSET will flash when the HANDSET rings through power on mode.

3. TO END A CALL

-Press the TALK button or return the HANDSET to it's cradle on the BASE.

4. OUT OF RANGE DETECTION

- 1) More than 27sec, the BASE not send terminal code to cut off RF link.
- 2) The HANDSET emit warning tone after detect out of range .
- 3) You must return the HANDSET to the BASE re-establish the link if the HANDSET lose the BASE.

5. LAST NUMBER REDIAL

-Up to 32digits.

6. PAGING FUNCTION

- 1) Paging on BASE.
 - a. Press PAGE button.
Emit key tone and IN-USE LED flash.
 - b. The HANDSET emit beep tone .

7. CHANNEL SELECTION

- 1) 20 channel Auto scan.

8. MIXED MODE DIALING.

-Press the "*" button to switch from pulse to tone dialing temporarily.

9. MEMORY DIALING

-20 telephone number.(up to 16digit each)

- 1) Storing telephone numbers into memory.

- a. Press the memory button.
- b. Dial the telephone number.(maximum of 16digits)
- c. Press the memory button.
- d. Press a number.(01 through 20)
- e. You will hear confirm tone that the numbers was properly stored.

-More than 16digits, emit error tone.

- 2) Dialing number from memory.(speed dialing)

- a. Press the talk button.
- b. Press the memory button.
- c. Press the key buttons.(01 to 20)

10. PAUSE FUNCTION

- Each 2sec (pulse mode 3.2 sec) pause occupies one digit of the available 16 digits per memory location.

11. FLASH FUNCTION

-700ms new call, call waiting or three-way calling.

12. CHARGE

-CHARGE LED turn on.

13. LOW BATTERY DETECTER.

-Handy battery is low battery, battery low LED will blinking.

14. VOLUME CONTROLE

During in the talk on mode you can change the volume level using the volume high low key.

Total volume level is 1 to 8 step of each 3 dB.

Normal volume level is 4.

High volume level is 8.

Manufacture setting volume level is 6.

15. RING VOLUME CONTROL.

During the handy is standby mode, you can change the ring volume level using the volume high low key.

16. RING PATTERN CHANGE.

In the standby mode you can change the ring pattern using the flash key after key 1 to 4.

C. MAINTENANCE.

-Repeated use/recharge of Ni-cd batteries without periodic full is change results in reduced useable time.

When you notice the usable charge duration decreasing, fully discharge the Ni-cd battery and recharge as described below.

1. DISCHARGING.

- 1) Unplug the telephone line cord from the BASE.
- 2) Make sure that the DC adapter is connected.
- 3) Press the talk button of the HANDSET.
(INUSE indicator should light)
- 4) Place the HANDSET out of the BASE cradle to start discharging.
- 5) Once the INUSE indicator starts flashing, it means that the battery level is low.
Let it fully discharge for 12 hours or overnight.

- 6) Once the Ni-cd battery is fully discharged, you may now charge the battery to it's full capacity.

2. CHARGING

- 1) Make sure the DC adapter and telephone line cord is connected to the BASE.
- 2) Place the HANDSET on the BASE cradle.
The IN USE/CHARGE indicator will steadily light up on the BASE.
- 3) Leave the HANDSET charging on the BASE for 12 hours to get a maximum charge.
- 4) The battery will be good for 7 days on ring on mode or 4 hours straight on talk mode.

C. GLOSSARY

1. Auto scan.

2. Automatic digital security.

A special security code(up to 16 million combinations)is automatically and randomly generated to insure privacy.

3. Flash

Accesses custom calling features provided by your local telephone company such as call waiting, conference calling and others.

Also allows you to regain dial tone without returning HANDSET to the BASE.

4. Hearing aid compatible.

5. Memory dialing.

Ten telephone numbers into memory (up to 16 digits each) and you can then dial any of the stored phone numbers by pressing memory and one of the keypad buttons.(01-20)

6. Mixed mode(p-->t) dialing(temporary tone dialing)

7. Out of range alarm.

When the HANDSET is out of the range of the BASE unit, it will generate an alarm tone.

8. Paging call.

9. Pause function.

2(tone mode) or 3.2(pulse mode) second delay between dialed numbers in PABX systems or long distance services.

Each depression of the pause button equals one digit in memory dialing.

10. Re-dial

Last number dialed up to 32 digits.

11. CHANNEL FREQUENCY TABLE.

| | |
|------------------|-------------------|
| 1. CH. 902.6 MHz | 11. CH. 915.6 MHz |
| 2. CH. 904.8 MHz | 12. CH. 916.8 MHz |
| 3. CH. 905.0 MHz | 13. CH. 918.0 MHz |
| 4. CH. 907.2 MHz | 14. CH. 919.2 MHz |
| 5. CH. 908.4 MHz | 15. CH. 920.4 MHz |
| 6. CH. 909.6 MHz | 16. CH. 921.6 MHz |
| 7. CH. 910.8 MHz | 17. CH. 922.8 MHz |
| 8. CH. 912.0 MHz | 18. CH. 924.0 MHz |
| 9. CH. 913.2 MHz | 19. CH. 925.2 MHz |
| 10.CH. 914.4 MHz | 20. CH. 926.4 MHz |

TO : NWB

CC : MR. C.C. WU, MR. LOUIS LEE

FROM : S.T. NA

FEATURE LIST

MODEL NO. : NWB#39510 DSST 900 MHz BASIC.

MAR.27.1998.

A. GENERAL .

- NUMBER OF CHANNEL :20 CHANNELS.
- CHANNEL SPACE :1.2 Mhz.
- STBY TIME :7 DAYS.
- INUSE TIME :4 HOURES.
- REDIAL :32 DIGITS.
- PAUSE :TONE MODE : 2. SEC., PULSE MODE : 3.2 SEC.
- FLASH :700 mS.
- 20 DIRECT MEMORY : 16 DIGITS * 20 MEMORY.
- BASE TONE /PULSE SELECTOR.
- PAGE CALL
- MUTE FUNCTION.
- INUSE ,BATTERY LOW LED INDICATOR :HANDY.
- INUSE, CHARGE LED INDICATOR :BASE.
- VOLUME CONTROLE NOB :8 STEPS EACH 3dB STEP.
- SECURITY CODE : > 16 MILLION.
- CHAIN DIALING.
- OUT OF RANGE ALERT & LED BLINKING. --- 27 SEC.
- BATTERY LOW ALERT & LED BLINKING.
- AUTO TALK.
- RING TONE TYPE SELLECT
 - - TYPE 1 : FLASH -> 1
 - - TYPE 2 : FLASH -> 2
 - - TYPE 3 : FLASH -> 3
 - - TYPE 4 : FLASH ->4
- RINGER VOLOUUME CONTROLE : 2 STEPS.
- POWER ON / OFF SWITCH.

SAMJOO ELECTRONICS CO. LTD.

SPECIFICATIONS

1. TALK DRAIN CURRENT : 140 mA.
2. RING DRAIN CURRENT : 170mA .
3. CHARGE CURRENT : ~~45mA. 80mA~~
4. DC RESISTANCE :200 OhM.
5. DC CURRENT VS CURRENT 20mA : 4 V.
28mA : 6V.
6. FLASH TIME : 700 mS
7. RINGER LEVEL AT 1 METER DISTANCE : 75 DBSPL.
8. RING OPERATING FREQUENCY : MIN. 15 Hz , MAX 69 Hz.
9. INSULATION RESISTANCE : MORE THAN 10 MHz.
10. TONE DIAL LEVEL HIGH GROUP : -3.4 dBm.
LOW GROUP : -4.6
11. TONE DIAL TWIST :1.2 dB.
12. PULSE DIAL PPS : 9.9
13. PULSE DIAL M/B RATIO :38.
14. BATTERY LEKEAGE :10uA.