

Thank you for purchasing this SN-568B cordless telephone, one of the high-quality products of SENAQ. To obtain optimum performance, be sure to read this manual carefully before starting operation and keep it for future reference.

HANDLING PRECAUTION

1. Avoid installing this unit in places where are of high temperature and humidity, subject to vibrations, or near electric appliances such as TV sets, ovens, and so on.
2. Avoid cleaning this unit by using organic solvent.
3. Use designated power supply.
4. Avoid using this unit when
 - (1) natural gas is leaking.
 - (2) it is thunder storming.
5. Remove power source when this unit gets wet or broken and send it directly to the local service station for repair. Do not attempt to repair this unit yourself.
6. Keep the antenna cable away from sources of high-voltage to avoid electric shocks when installing the base station antenna.

TABLE OF CONTENTS

◆ FEATURES	2
◆ NAMES OF PARTS AND THEIR FUNCTIONS	3-4
◆ INSTALLATION	5-11
◆ POWER SOURCE OF MOBILE UNIT	12
◆ FUNCTION SETTING	13-15
◆ OPERATION INSTRUCTION	16-22
◆ INSTRUCTION OF PSTN INTERFACE ON MOBILE UNIT	23-24
◆ COMMUNICATION RANG	25
◆ SPECIFICATIONS	26
◆ ACCESSORIES	27-28
◆ TROUBLE SHOOTING	29
◆ NOTES	29
◆ SENAQ'S PRODUCT LINE	30-32

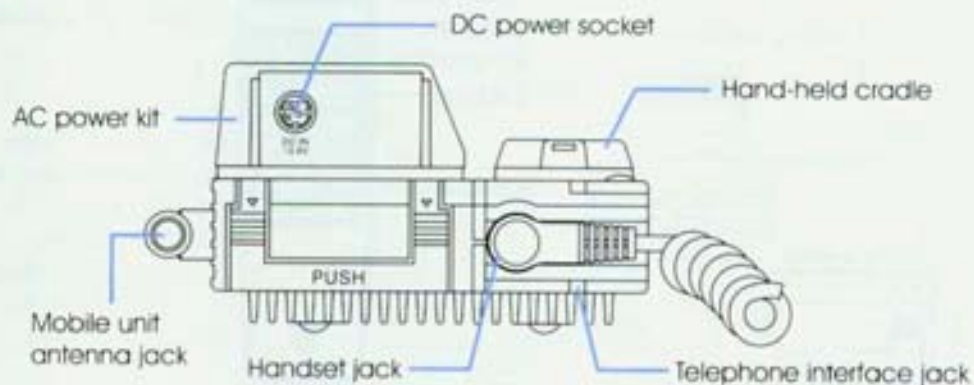
FEATURES

- ❖ Multi-channel access.
 - ❖ Multi-mobile unit system.
 - ❖ Two-way paging and hand-free intercommunication
 - ❖ 20-set memory dial.
 - ❖ Last number redial.
 - ❖ Tone/Pulse dialing mode programmable.
 - ❖ 65,536 sets security code (two-way).
 - ❖ Flash time programmable.
 - ❖ Ring volume adjustable.
 - ❖ 9-level ring tone selectable.
 - ❖ Voice volume adjustable.
 - ❖ Hold music.
 - ❖ Touch any key answer.
 - ❖ Low battery alarm and battery power status display.
 - ❖ Built-in compander.
 - ❖ Mobile unit with power saving device.
 - ❖ Base station and mobile unit LCD displays (20 digits dot matrix with 7 symbols)
 - ❖ Base station and mobile unit with V.S.W.R. Protection device.
 - ❖ Clock time with morning call.
 - ❖ 9-kind of music for morning call.
 - ❖ R.S.S.I. Display.
 - ❖ Key pad illumination.
-
- ❖ Base station with hand-held phone.
 - ❖ 4-way conference.
 - ❖ 11-level RF. transmission power display and adjustable.
 - ❖ Mobile unit built-in PSTN interface can be connected to facsimile, datamodem and repeater.

NAME OF PARTS AND THEIR FUNCTIONS

A. Mobile unit

A. Mobile unit



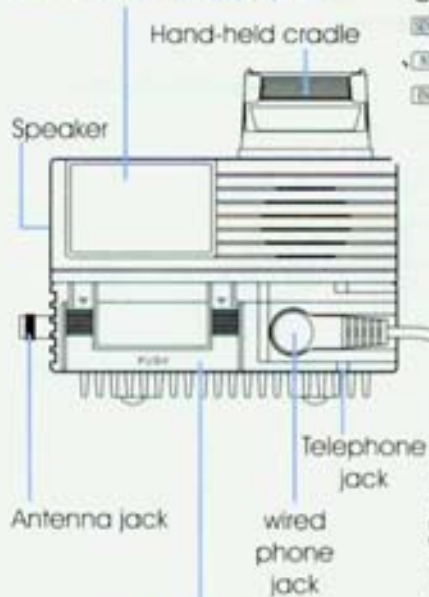
B. Mobile unit handset



B. Base station

< Front view >

b. Power supply unit

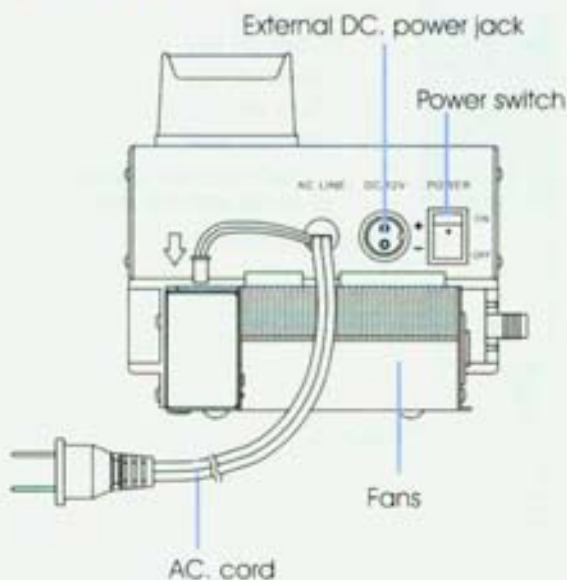


c. Main body

a. Hand-held unit



< Rear view >



INSTALLATION

A. Out door antenna installation for base unit and mobile unit

Installation of the outdoor antenna is very important for communication range and quality. Be sure to follow the following procedures.

1. Unscrew the screw on section B by using a hexagonal driver. (As Figure 1)
2. Insert section A fully into section B. (as Figure 2)
3. Connect sections A and B tightly with the screw. (as Figure 3)
4. Connect tube A and B tightly. (as Figure 4)
5. Assemble sections B and C by following the same procedures 1–4. (As Figure 5)
6. Screw the three ground planes with the base part. (as Figure 6)
7. Find a metal pole which is over 5 M long and 30–62 mm in diameter and connect it with the base tube as indicated in Figure 7.

NOTE: A metal pole is preferred.



Figure 1

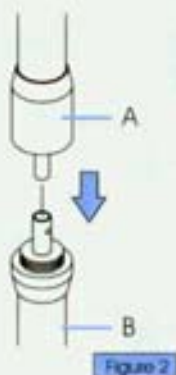


Figure 2

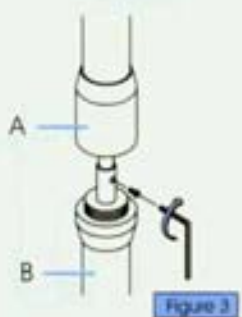


Figure 3

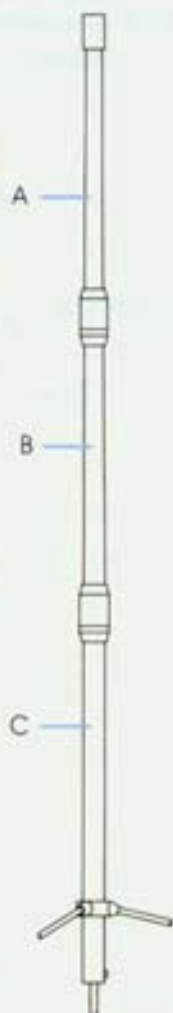


Figure 5

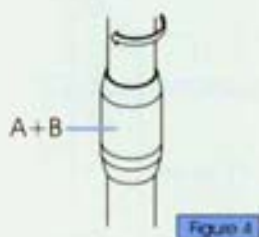


Figure 4

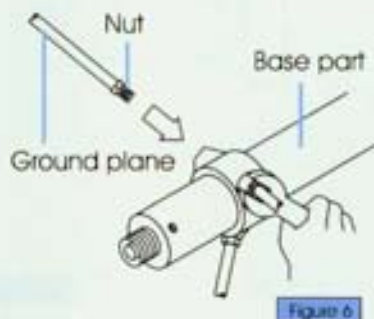


Figure 6

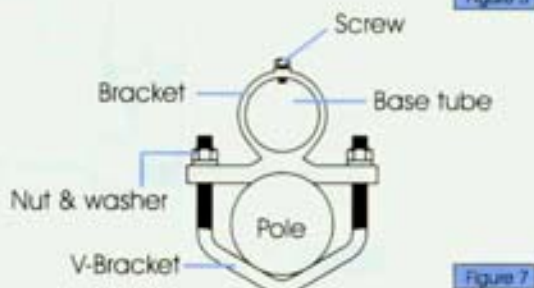


Figure 7

8. Connect cable jack with the base part as indicated in Figure 8.
9. Put up the pole and make a loop with the cable cord. The loop which is 15 cm in diameter is made to prevent water from going down into the base station.
(As Figure 9)
10. The assembled outdoor antenna as indicated in Figure 10.

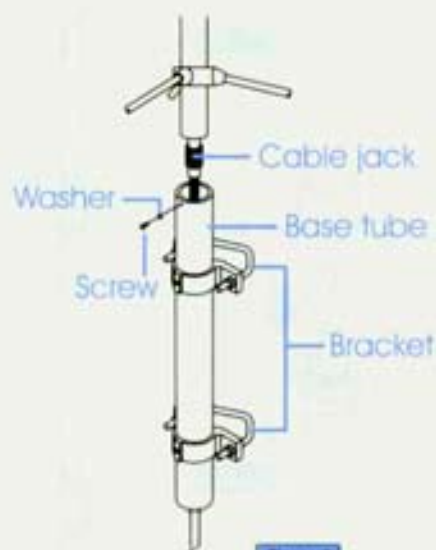


Figure 8

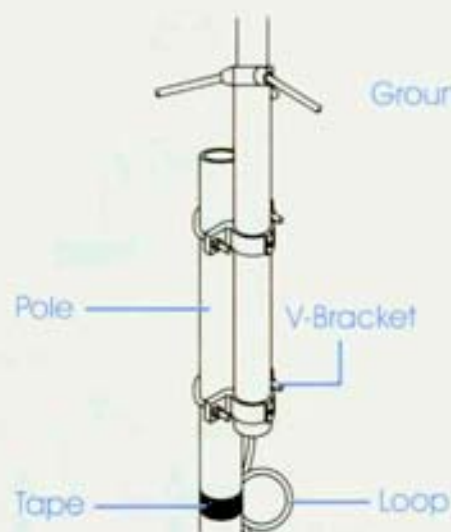


Figure 9

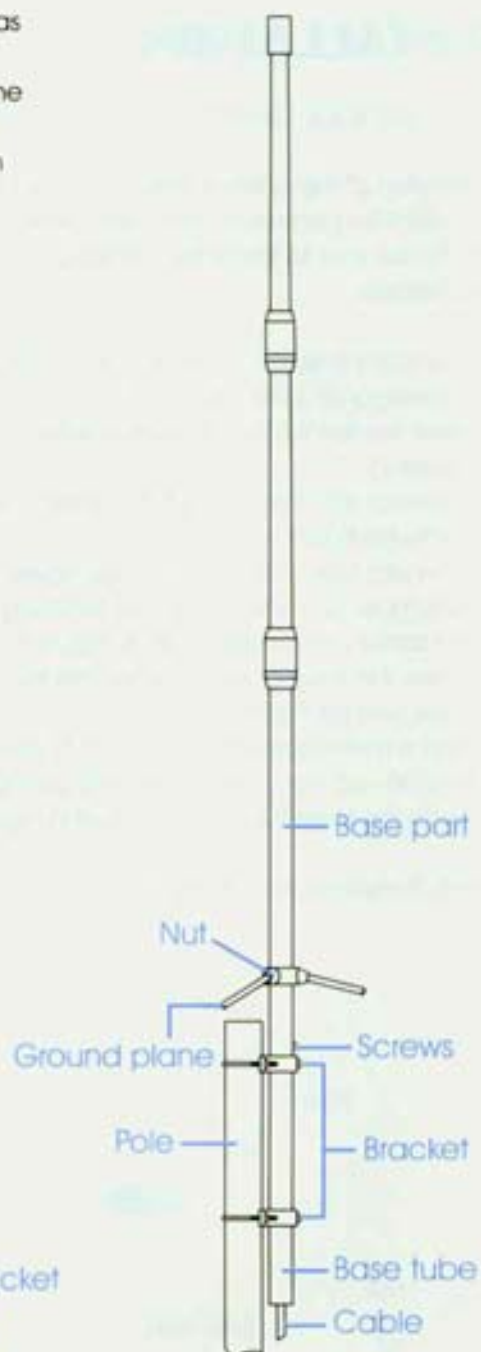


Figure 10

- NOTES:**
1. Make sure that the cable is tied to the cable connector in order to maintain the radio frequency transmission performance.
 2. The ground plane should be at least 3 meters above the ground.
 3. No obstruction can be present within 3 meters from the antenna as shown in Fig 11–13.
 4. Straighten the remaining cable.
 5. Bending cable cord will increase loss of transmission power.
 6. Make a loop before pulling the cable into the house. The loop can prevent rain from going into the house.
 7. The higher the antenna is installed, the better the communication will be.
 8. Keep the antenna and cable from high-voltage sources to avoid electric shock. Don't install the antenna in the rain to avoid thunder striking.

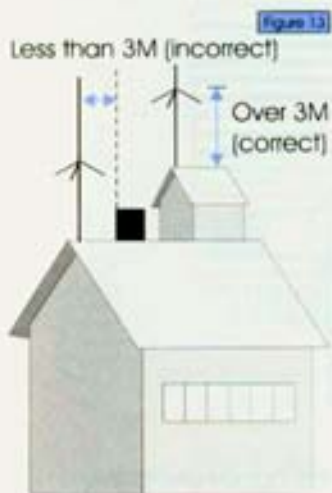
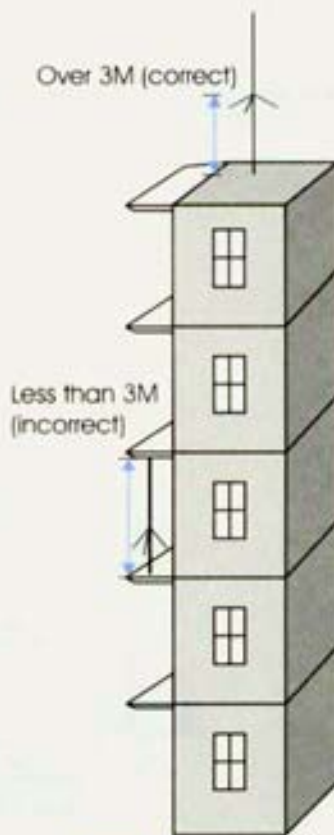
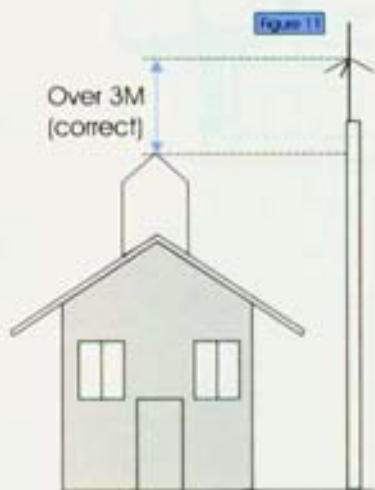
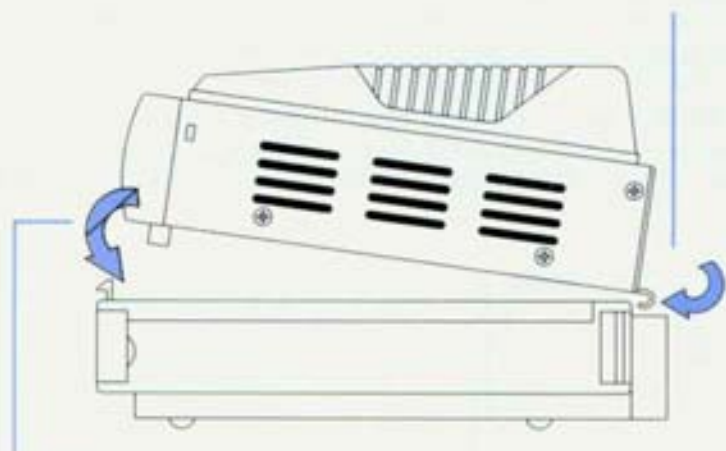


Figure 12

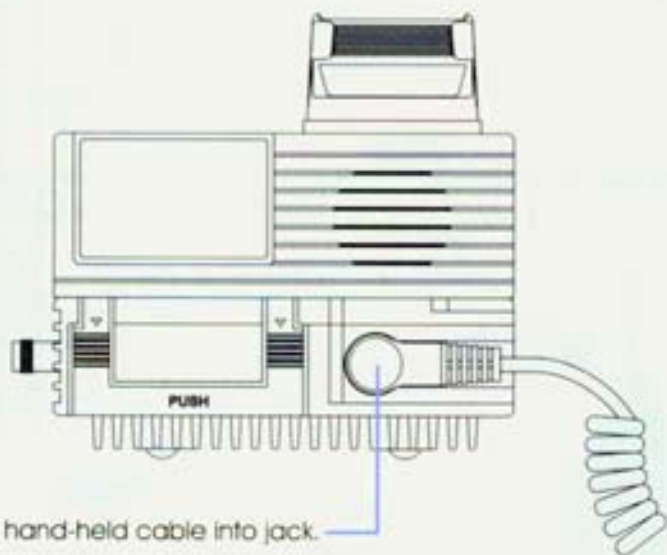
B. Base station

1. Base station installation

- 1 Hook the main body with the power supply unit as illustrated.



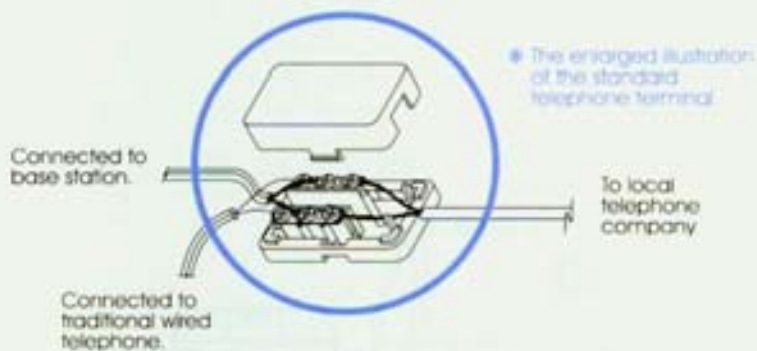
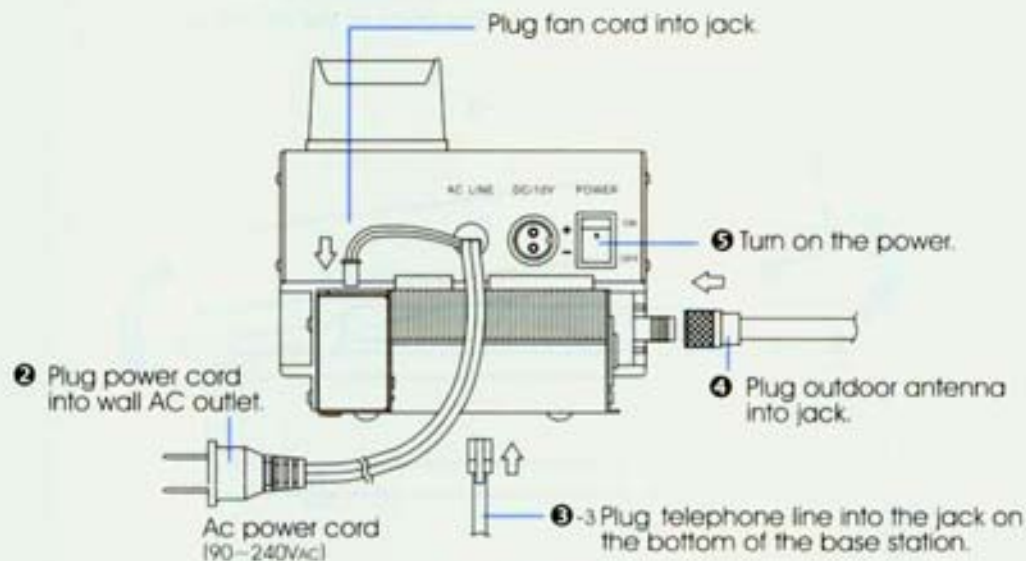
- 2 Push the power supply unit downwards until click is locked.



- 3 Plug the hand-held cable into jack.

NOTE: The base station will not work normally if the hand-held cable is not fully inserted into the jack.

2. Connecting interface



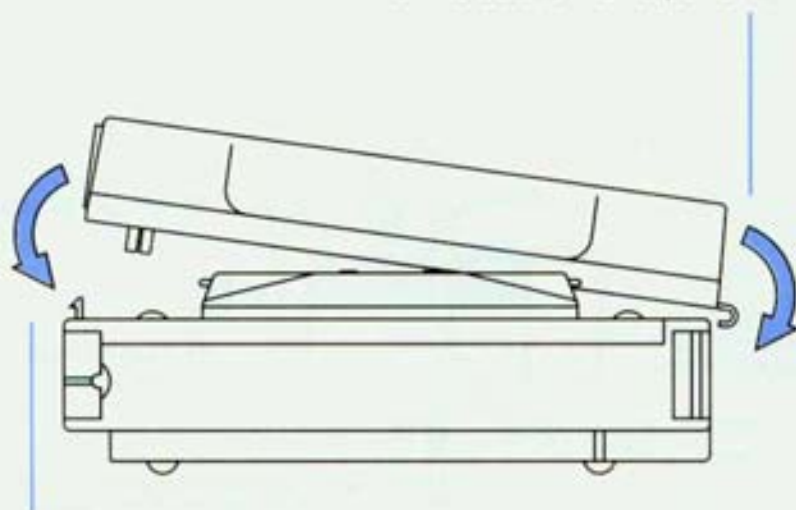
- 1-1 Pick up the hand-held of the wired phone to avoid electric shock caused by an incoming call.
- 1-2 Connect telephone line to standard telephone terminal.



C. Mobile unit installation

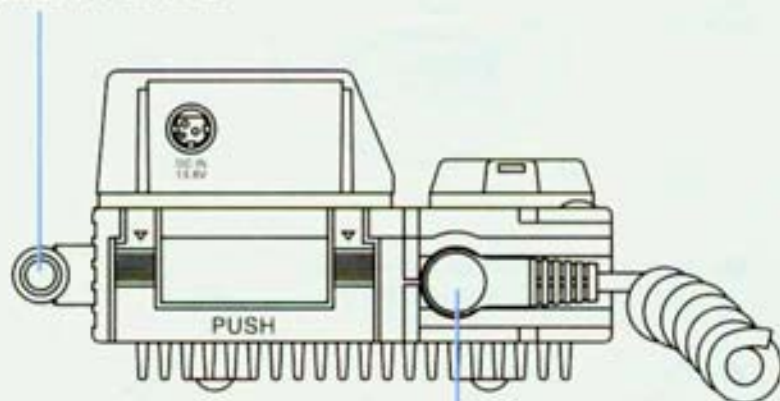
1. Assembling the mobile unit

(1) Hook the mobile unit with the click on the back of the AC power kit.



(2) Press the AC power kit downwards until the click on the front is hooked.

(3) Install the antenna.



(4) Insert the cable of the mobile unit receiver into the jack.

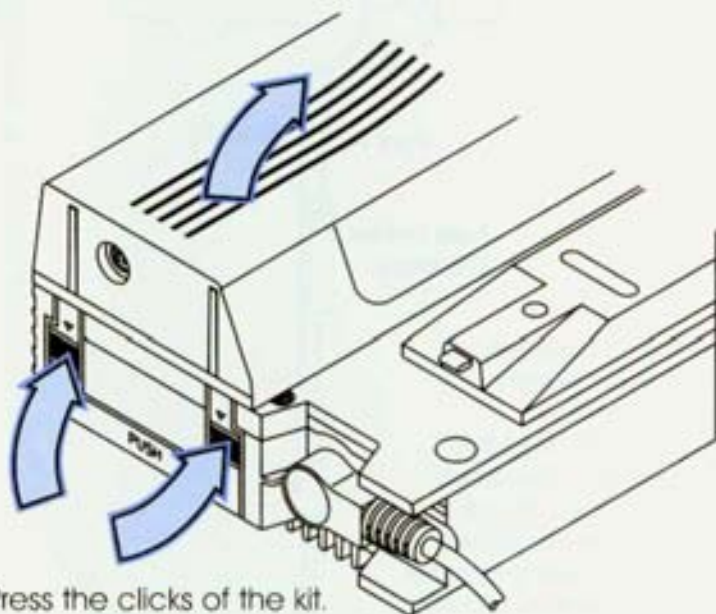
NOTES:

1. The mobile unit will not work normally if the hand held cable is not fully inserted into the jack.
2. Be sure not to put the AC power kit in the base station in order to avoid damage.

2. Disassembling the mobile unit AC power kit.

Do procedures (1) and (2) at the same time.

(2) Pull the kit upwards.



(1) Press the clicks of the kit.

POWER SOURCE OF MOBILE UNIT

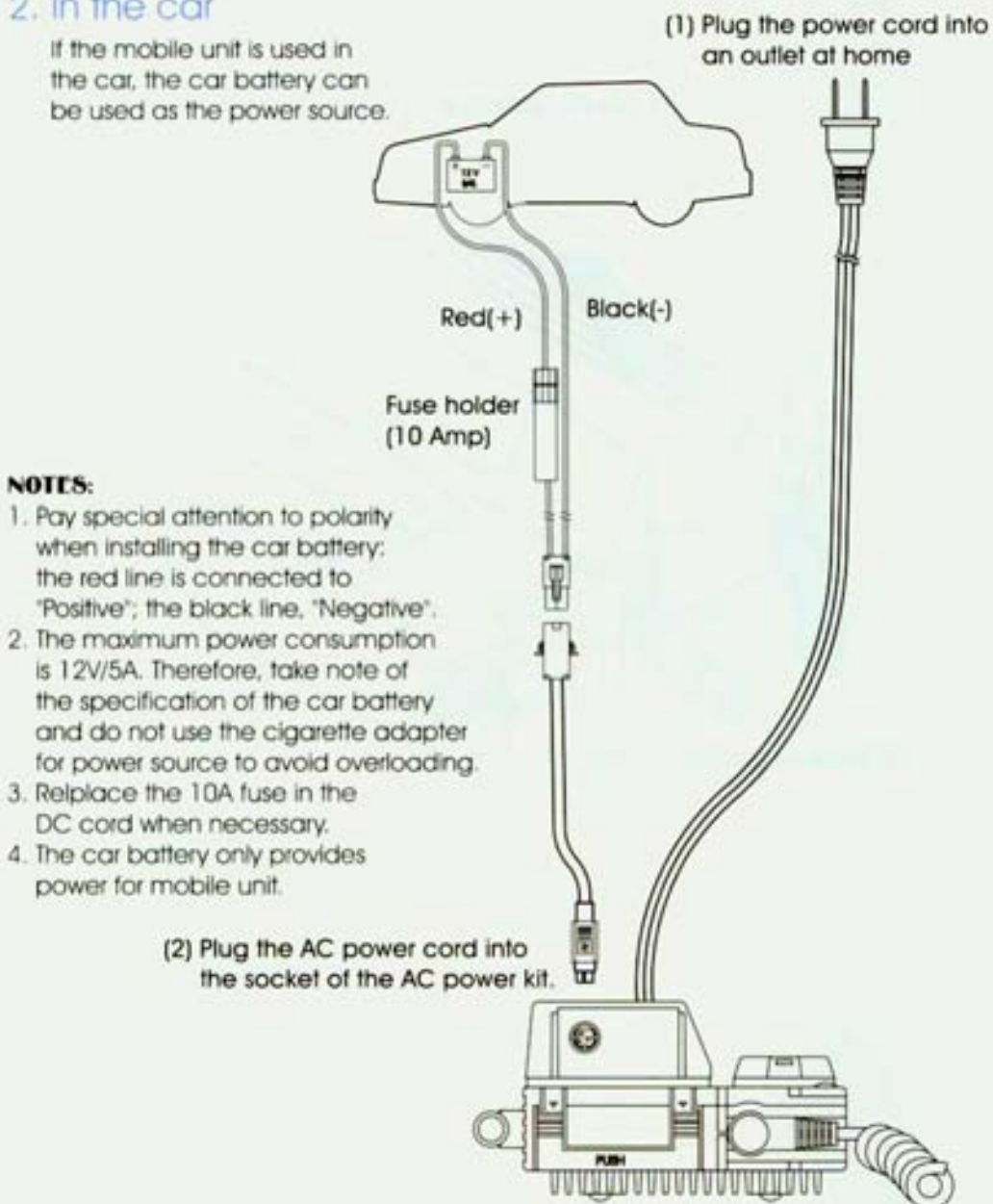
The electric power can come from two sources such as at home and in the car.

1. At home

The mobile unit is able to be functioned after users plug in power cord to power outlet at home.

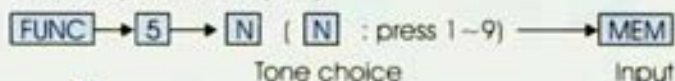
2. In the car

If the mobile unit is used in the car, the car battery can be used as the power source.



B. Setting "Flash" time

Set "Flash" time at the target [N] which is the same as that given by the local telephone company.

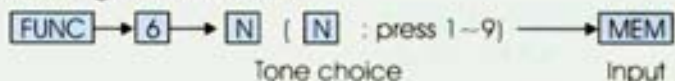


N= [1] 100ms

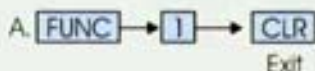
N= [2] 200ms

N= [9] 900ms

5. Selecting alarm music



6. Displaying channel ,R.S.S.I., Power level




C: Channel

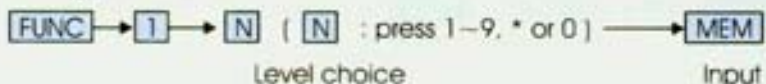
S: Receiving signal strength indicator.

P: Power level

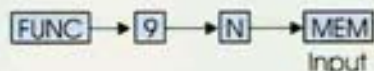
Power level table:

N Value	Power level	Remarks
1	P: 01	Minimum power level
2	P: 02	
3	P: 03	
4	P: 04	
5	P: 05	
6	P: 06	
7	P: 07	
8	P: 08	
9	P: 09	
*	P: 10	Default value: 40 w
0	P: 11	Turbo power value: 50 w

B. Setting power level:



7. Setting individual number for ring.
(Only for the multi-mobile unit system)

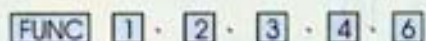


N: *: None of the mobile units rings.
0: All of the portable units rings.
1: Number one rings only.
2: Number two rings only.

9: Number nine rings only.

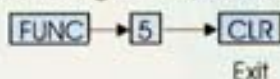
B. Setting the mobile unit

1. The procedures to set



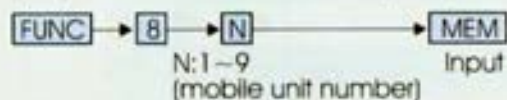
Are the same as those found in setting the base station.

2. Showing battery remaining power:



BAT: Battery remaining power.
VOL.: Battery voltage.

3. Setting an individual number for each mobile unit.
(Only for the multi-mobile unit system)



When using the multi-mobile unit system, the user should follow the above procedures to set number for his mobile unit. There is only one number for each mobile unit.

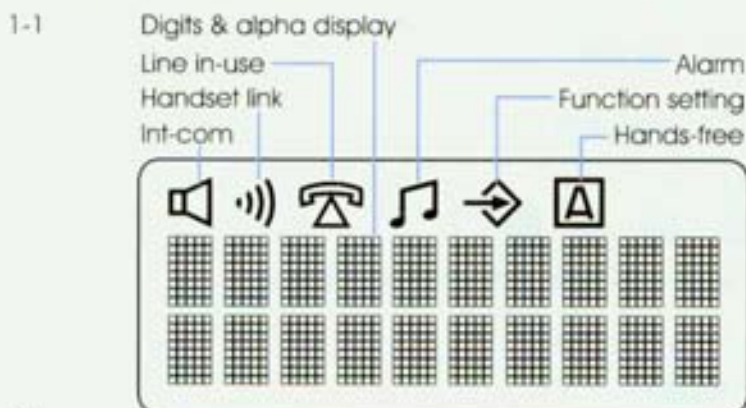
OPERATION INSTRUCTION

Before use, turn on the power switches at both the base station and the mobile unit. Be sure to fully charge the handset battery.

A. Icons

Icons on the base station and the mobile unit and what they represent.

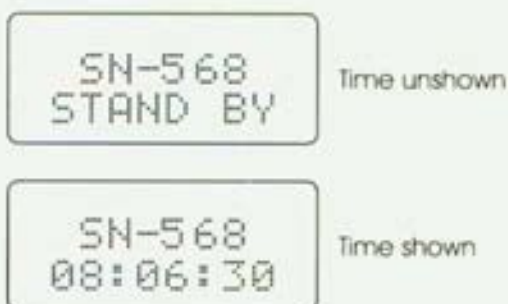
1. Icons shown on the base station



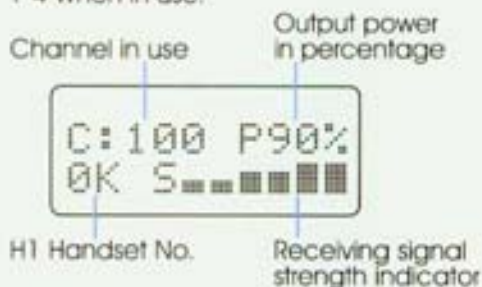
1-2

Status	Icon
Line in-use by hand-held phone	
Line in-use by speaker phone	
Inter-communication by hand-held phone	
Inter-communication by hands-free	
Inter-communication by hand-held phone & line hold	
Inter-communication by hands-free & line hold	
Line in-use by mobile unit	

1-3 when standby:



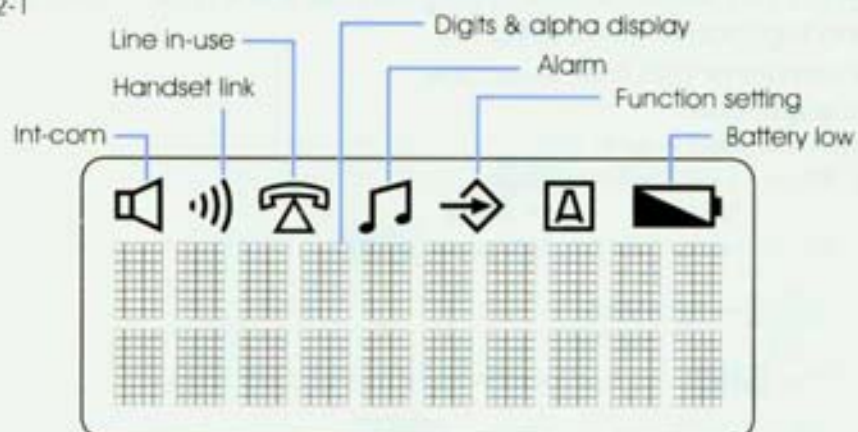
1-4 When in use:

















NOTE: P-value is related to the power level of the base station.

2. Icon shown on the mobile unit

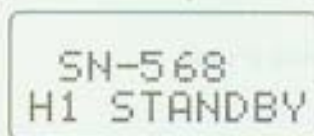
2-1



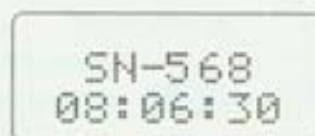
2-2

Status	Icon
Line in-use	 
Inter-communication	 
Inter-communication & line hold	  
PSTN interface use line	  
PSTN interface, mobile unit and base station conference	   

2-3 When standby:

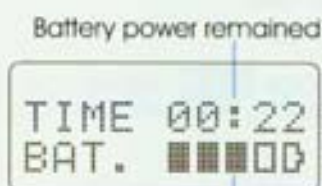


Time unshown

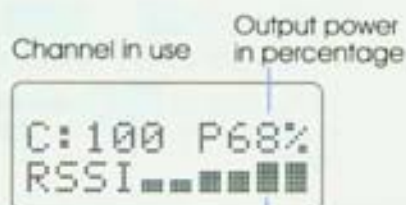


Time shown

2-4 When in use:



Time used



Receiving signal strength indicator

NOTE: P-value is related to the power level of the handset unit.

When the base station or the mobile unit is in use, the LCD will show what percentage the output power is. At the same power level, p=10 for example, output value may be 95% or 98%, which is closely related to whether the antenna is appropriately matched. If so, the output value will be higher. When the antenna cable is badly connected, the output value will be very low and V.S.W.R. protector will work.

B. Making a call

You can dial the intended number by using the base station or the mobile unit.

1. When the mobile unit is used

Take the number 2218-3588 of example.

(1) Dialing by hand

There are three ways to dial:

1. Key in 22183588 → **SEND**

Tel. No. Link & Dial

Key in the number first, then press **SEND**

2. **SEND** → 22183588

Link Tel. No.

Press **SEND** first, then dial the number after "bee" sound.

3. **0** → **PVOL** → 22183588 → **SEND**

Code Pause Tel. No. Link & Dial

NOTE 1: 3 is used to dial a number when a code, 0 for example, is needed to get the dial tone or enter the system.

NOTE 2: Every press on **PVOL** will make the mobile unit pause for 5 seconds to access the dial tone or to enter the system. Press **PVOL** twice, the mobile unit will pause for 10 seconds.

(2) Last-number redial (20 digits maximum)

1. When the first try fails, press **SEND** to redial the number.

2. When the phone is stand by, press **FUNC** → ***** to show the target number and then press **SEND** to complete a redial.

(3) Making another phone call

There are two ways to make another call while in use

1. **END** → **SEND** → 22183588

END Link Tel. No.

2. Users do not have to press **END** to make another call, especially when they are in places; where it is not easy to link to the base station.

CLR → **CLR** **SEND** → 22183588

Clear digits on LCD Hook on Tel. No.

Every press on **CLR** deletes the last digit. **CLR** can also be used to delete an unintended digit without keying in the whole set of digits again.

(4) Storing telephone number (10 sets of 16-digit number maximum)

22183588 → **FUNC** → **MEM** → **N**

Tel. No. Store Address (**N** : **0** - **9**)

NOTE 1: **PVOL** can be stored in the memory. Every stored **PVOL** holds 5 seconds when a number is dialed.

2. Even the battery is removed, the numbers won't disappear.

5. Memory dial

1. **MEM** → **N** → **SEND**
Recall the telephone number stored in address "N" Link & Dial

2. **SEND** → **MEM** → **N**
Link Auto dial the telephone number stored in address "N".

Press **MEM** → **N** after hearing the "bee" sound.

6. Off (hang up)

Press **END** to hang up the phone and return to standby.

NOTE: Pressing **Pvol** when in use will amplify volume of the receiver for one time. Press it again, and the volume will return back to normal.



3. Dialing by hand-held unit



- (1) Pick up the hand-held unit and follow the same procedure as those in dialing through the traditional telephone set.
- (2) The procedures are the same as those in dialing through the mobile unit.
- (3) Put the hand-held unit back to the cradle, and it hangs up automatically.




NOTES:

1. The 10-set numbers stored in the base station are independent of those stored in the mobile unit; i.e., 20 sets in total.

C. Answering a call

Both the base station and the mobile unit ring when a call is coming in. Ring volume of the base station is adjustable by pressing  ,  key


Ring volume of the mobile unit can be set by pressing  → 

1. To answer a call, press any key except  and . To hang up, press .


3. To answer a call by using the hand-held unit, just pick up the hand-held unit. To hangup, put it back on the cradle.



D. Inter-communication

1. Calling from mobile unit


Press the  key on the mobile unit, and inter-communication is automatically established.

2. Paging from base station

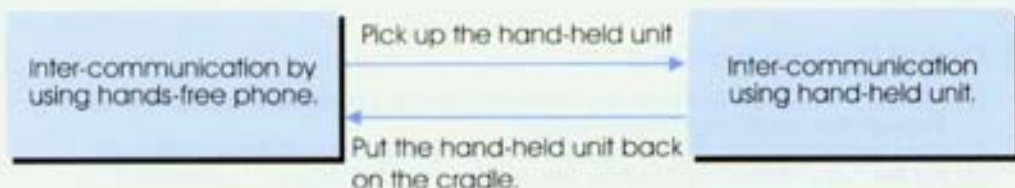
Press  on the base station; in the meantime, the mobile unit rings.

Press any key on the portable unit (except  and ) to establish inter-communication.




NOTES:


1. Press  to end inter-communication.
2. Inter-communication on the base station can be established by using either the hands-free phone or hand-held unit.

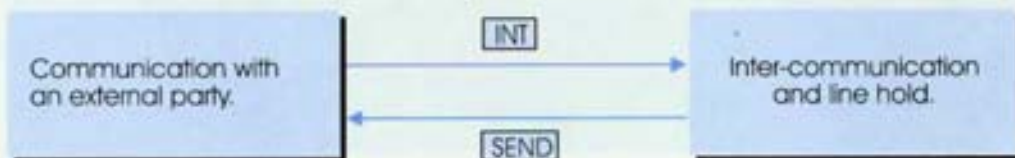
Status chart as follows:



E. Inter-communication and line hold

Press  on either the base station or the mobile unit to hold an external call and to establish inter-communication. Hold music is heard at this time. To resume communication, press . To end communication, press .

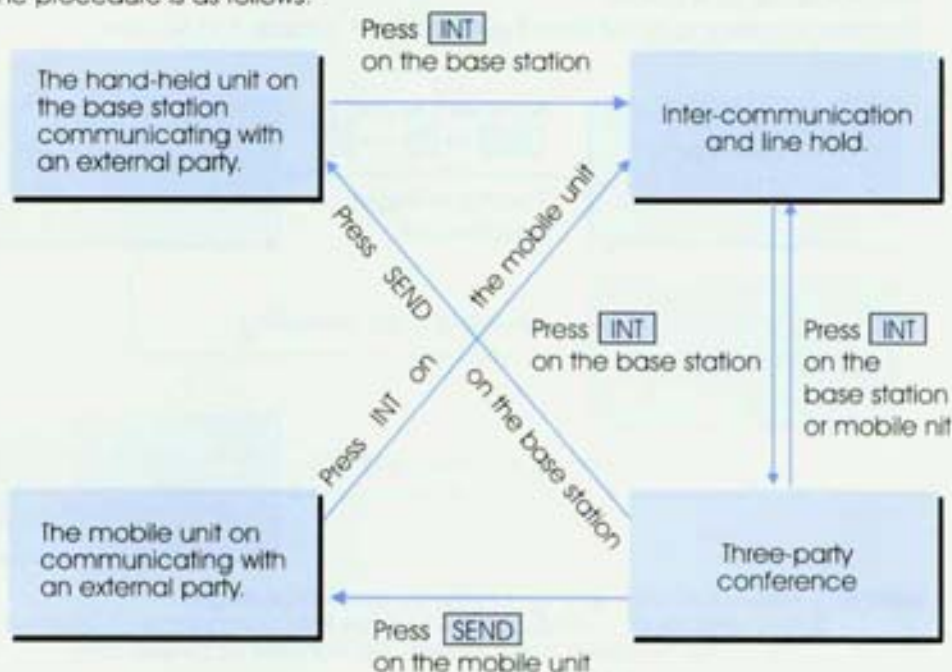
NOTE: If the "Bi-Bo" sound is heard, which means the party at mobile unit wants to call base station when the base station is communication with an external party, the party at the base station can press  to establish communication with the party at the mobile unit..



F. Three-party conference

Three-party communication between the mobile unit, the hand held unit on the base station, and an external call is available.

The procedure is as follows:



Press **END** to end the communication

NOTE: Use the hand-held unit on the base station instead of the hands-free phone to establish three-party communication.

G. Call waiting

You can answer another incoming call by using "Call waiting".

How to use call waiting:

After hearing the call waiting sound, press **FUNC** **#** to answer another incoming call.

Repeat the same procedure to return back to the previous call.

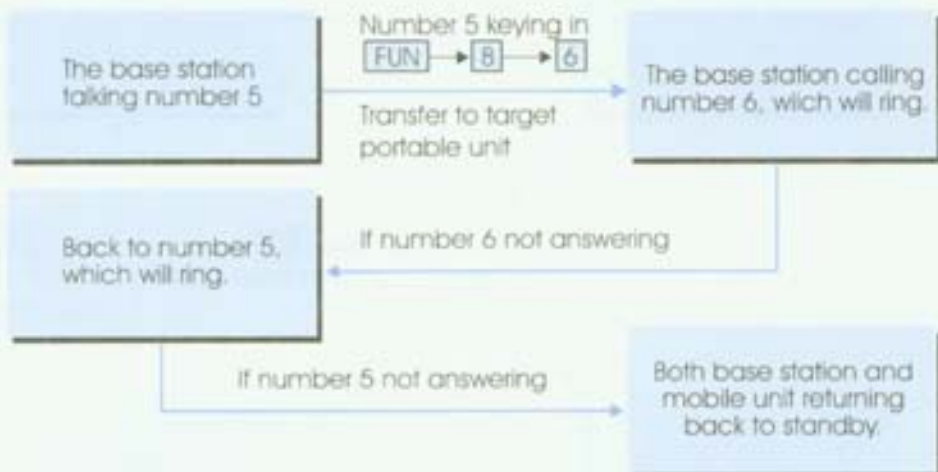
NOTE: 1. Users should apply for the call waiting service at the local telephone company.
2. Duration of "Flash" is adjustable; see P.14 for reference.

H. Transferring a call among mobile units

The multi-mobile unit system makes transferring a call from mobile unit to the base station possible.

The procedure is as follows:

Example: Transferring a call from the mobile unit number 5 to number 6



- NOTES:**
1. Refer to P.17 for setting a code for each mobile unit.
 2. The systems of SN-868 and SN-568 are fully compatible. In other words, users can transfer a call between the handset of SN-868 and the mobile unit of SN-568.

I. Base station paging an assigned mobile unit to answer an external call

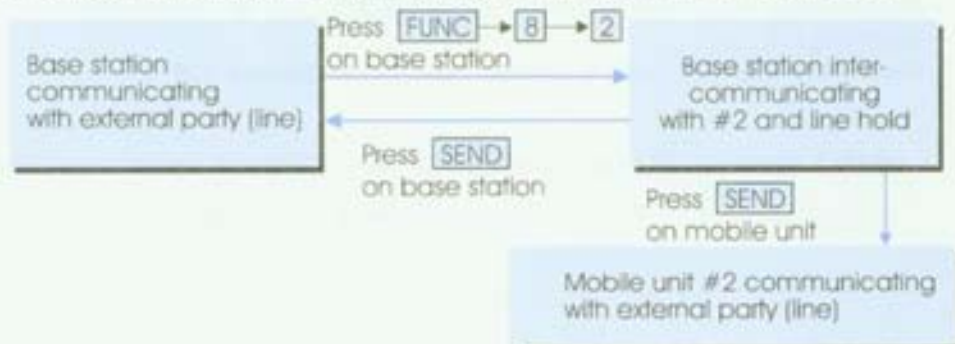
The base station can page and transfer a call to an assigned mobile unit when multi-mobile unit system is adopted.

A. For example: Base station page #2 mobile unit.

[2] → [INT] #2 will ring

NOTE: Press [INT] then all of the mobile units will ring at the same time.

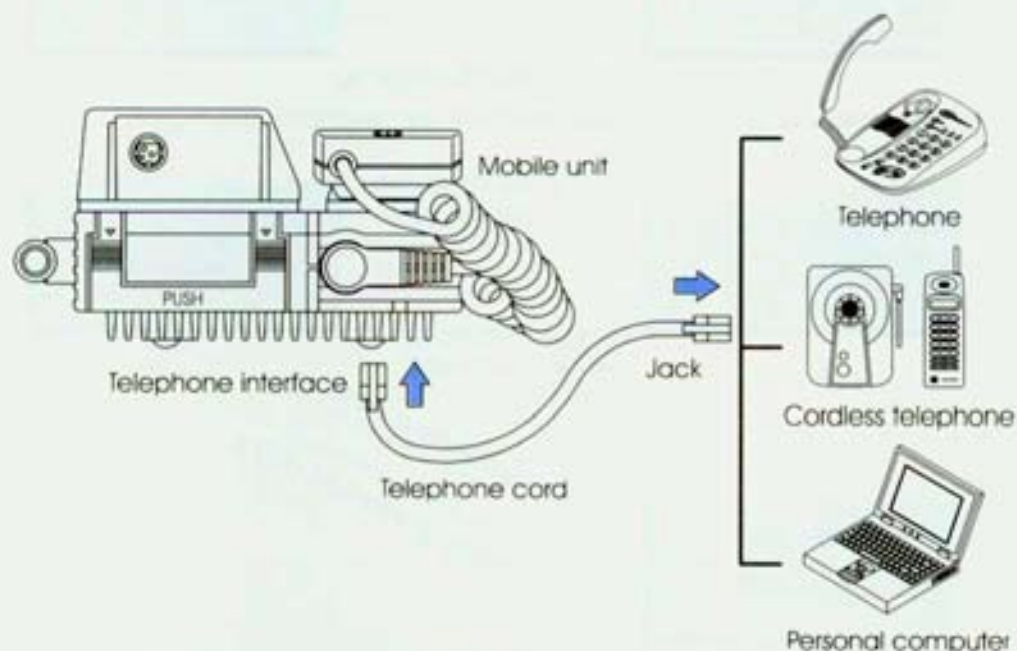
B. For example: Base station transfer a call to # 2 of mobile unit.



INSTRUCTION OF PSTN INTERFACE ON MOBILE UNIT

The most distinctive feature for SN-568 is that it provides an interface outlet for public switching for telephone network (PSTN), with which users can connect their wired or wireless telephone, fax machines, MODEM, personal computers, and through which they can enjoy the pleasure and convenience of using the wireless telephone.

1. Installation



2. Operation

- (1) The telephone interface is similar to that provided by the local telephone company; therefore, the procedure to operate it is the same with that of operating the telephone at home.
- (2) The interface is suitable for both PULSE and DTMF dialing systems. The microcomputer will automatically switch to the intended system without manual transfer.
- (3) For long-rang communication, it is better to set the telephone at the PULSE dialing system in order to get better communication quality.
- (4) When using a telephone or a fax machine which offers auto-dialing function, add "Pause" first before keying in the telephone number in order to get enough time for SN-568 to link.

3. The base station calling the interface telephone

- (1) Pressing **[INT]** key on the base station will make the base station and the interface telephone ring at the same time. Pick up interface telephone to answer the call.
- (2) To stop inter-communication, hang up the interface or press the **[END]** key on the base station

4. Three-party conference

- (1) Three-party conference between the interface telephone, the mobile unit, and the base station.



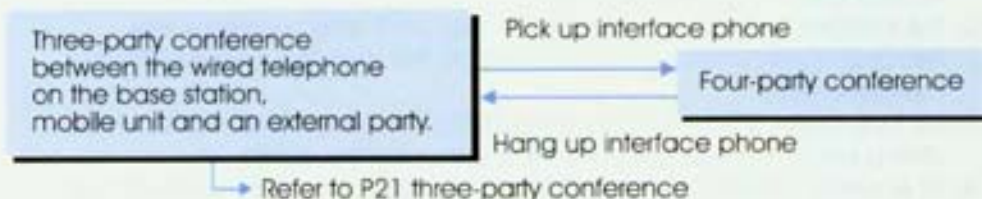
- (2) Three-party conference between the interface telephone, the mobile unit, and an external call.



To stop three-party conference, press the **[END]** key on the base station or the mobile unit and hang up the interface telephone.

5. Four-party conference

Four-party conference between the interface telephone, the mobile unit, an external party, and the base station.



To stop four-party conference, press the **[END]** key on the base station or the mobile unit and hang up the interface telephone.

COMMUNICATION RANGE

1. The frequency of this set is within UHF band which is of direction wave. Therefore, the position of the base station antenna and the surroundings around the mobile unit can affect communication range.
2. In general, the higher the antenna is installed, the stronger the receiving signal strength is. The simplified formula is as follows:

$$e = k \cdot \frac{h_t h_r}{\lambda d^2}$$

e : Receiving signal strength
 h_t : Transmitter antenna height
 h_r : Receiver antenna height
 λ : Wave length
 d : Distance between two antenna
 k : Constant

Fig.(a) Free space

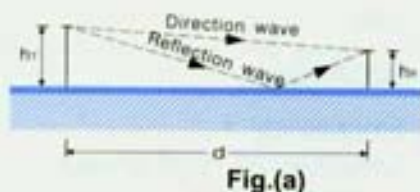
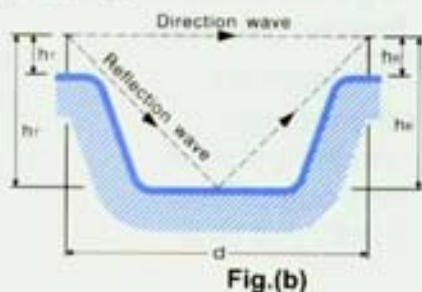


Fig.(b) The best position where the antennas are placed high.
The formula is

$$e = k \cdot \frac{h'_t h'_r}{\lambda d^2}$$

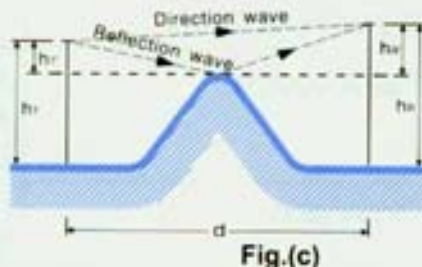
h'_t : Transmitter antenna equivalent height
 h'_r : Receiver antenna equivalent height



The equivalent antenna heights h'_t , h'_r are longer than the actual antenna heights h_t, h_r . So receiving strength is stronger.

Fig.(c) When obstruction lies between the two antennas, the formula is

$$e = k \cdot \frac{h'_t h'_r}{\lambda d^2}$$



Obstructed, the equivalent antenna heights h'_t , h'_r are shorter than the actual antenna heights h_t, h_r . So, receiving strength is weaker.

SPECIFICATIONS

Modulation: FM

Operating temperature: -20°C~+50°C

Item	Base station	Mobile unit
Transmitter:		
Frequency *	380MHz	254MHz
Output power	40W	20W/12W
Harmonic	65dBc	65dBc
Current Consumption:		
Standby	220mA	110mA
Talk	8.5A	4.5A/3A
Receiver:		
Frequency *	254MHz	380MHz
Sensitivity at 12dB SINAD: (CCITT) 25°C		
	-124dBm	-122dBm
	-122dBm	-118dBm
-10°C~+50°C		
Adjacent channel rejection	60dB	60dB
Spurious response	65dB	65dB
PSTN interface		
Line voltage		32V
Line impedance		600Ω
Ring output level		45Vrms/50Hz
DTMF input level		-6/-8dBm (Hi/Lo Group)
Pulse dial:speed		10 or 20 pps
I.D.T.		>300ms
Flash time		100ms>FLASH>1 sec
Signal output level		-6dBm
Signal input level		-8dBm
Power source	AC 110V~60Hz AC220~50Hz DC12V	AC 110V~60Hz AC 220~50Hz DC 12V
Dimension	L x W x H (m/m) 268x140x165(m/m)	L x W x H (m/m) 208x140x88(m/m)
Weight	4 kg	3 kg

ACCESSORIES

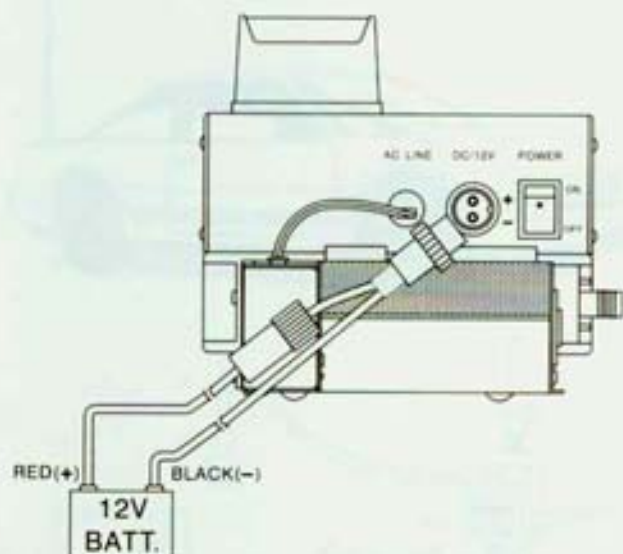
A. Accessories

1. Outdoor antenna & cable (30M, 8D)	2 set
2. User's manual	1 pc
3. Telephone cord for base station	1 pc
4. Telephone cord for mobile unit	1 pc
5. AC power cord for mobile unit	1 pc
6. DC power cord for mobile unit	1 pc
7. Magnetic mount car antenna	1 pc
8. DC power cord for base station	(optional)
9. Directional out door antenna	(optional)
10. Trunk clip car antenna	(Optional)

B. Installing accessories

1. DC power cord:

External DC power source can be used when main power is shut down. Connect the dc power cord to the base station and the lead-acid battery as illustrated.



- NOTES:**
1. The maximum power consumption of the base station is 12V/8.5A. Please check the battery to make sure it meets the specification.
 2. The current rate of fuse is 10A. Use the same model when it is replaced.

2. Car antenna (magnetic mounting type):

When the portable unit is used in a car, the car antenna can be used to enhance communication quality.

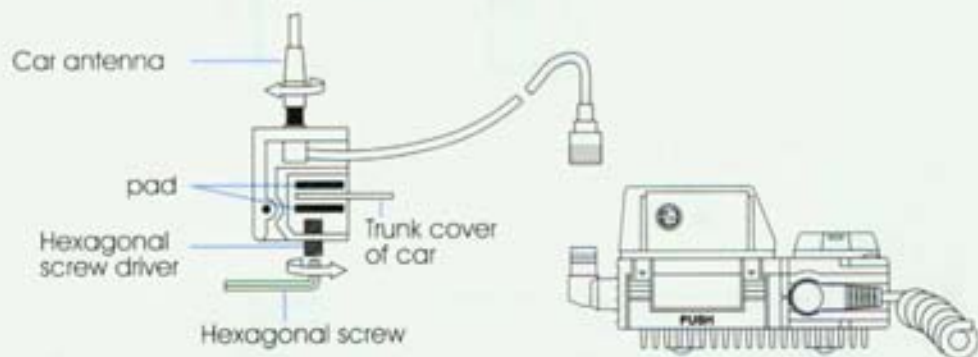
Procedures:

- 1 Screw the car antenna into the magnetic base.
- 2 Fix the magnetic base to the top-center position of a car.
- 3 Place the cable jack into the mobile unit.



3. Car antenna (trunk clip type):

In addition to the magnetic mounting type, the trunk clip type can also be placed on the car.



TROUBLE SHOOTING

A. Base station does not work

1. Check if it is properly installed.
2. Check if it is plugged into the main supply outlet.
3. Check if the power switches on both the base station and mobile unit are turned on.
4. Check if the Tone/Pulse switch is correctly set.

B. Mobile unit does not ring

1. Check if the telephone line circuit is properly connected.
2. Check if the mobile unit exceeds the communication range.

C. Interference, spurious, and absence of sound

1. Check if you have moved too great a distance away from the base station.
2. Check if the power levels of the base station and the mobile unit are set too low.

NOTE: Send the malfunctioning product to a local SENAO service station for repairs after conducting the above trouble-shooting procedures.

NOTES

1. The base station uses the switching power supply which is safe and reliable. It provides a multi-level protection device. When power source is removed or shut down, 10 seconds protection device will be activated. Therefore, do not turn on the set in 10 seconds; otherwise, it will lock automatically.
2. This set uses micro-computer to control the temperature inside the base station. When the temperature exceeds 37.0°C, the fan will be activated and the cooling system will last 2 more minutes after this set is shut down.
3. The back light of the mobile unit is defaulted at 20 seconds to avoid unnecessary power consumption. It will always light when an external power source is used.
4. Before the base station and the mobile unit are activated, be sure to install the antenna to avoid damage.
5. Assign a code number for each mobile unit before using the multi-mobile unit system.
6. Set the security code first at a SENAO service center when purchasing an additional mobile unit or a handset (SN-H868).
7. Because of the high RF output power of the mobile unit. So, it is suggested to use the car antenna or an outdoor antenna. And, keep the mobile unit away from the antenna to enhance communication quality.

SENAO'S PRODUCT LINE

SENAO'S SN series products can not only operate in dependable but also be flexible in building an integrated local trucking network.

1. Introducing the integrated system

- (1). The SN series products are featured with multi-handset (multi-mobile-unit system), multi-base station, multi-channel and auto-scan devices, so it is extremely flexible in building a communication network.
- (2). The SN series adopt EKT or PABX as the switching control center.
- (3). SN-568 is featured with repeater device; therefore the system can be extended into a local area network.

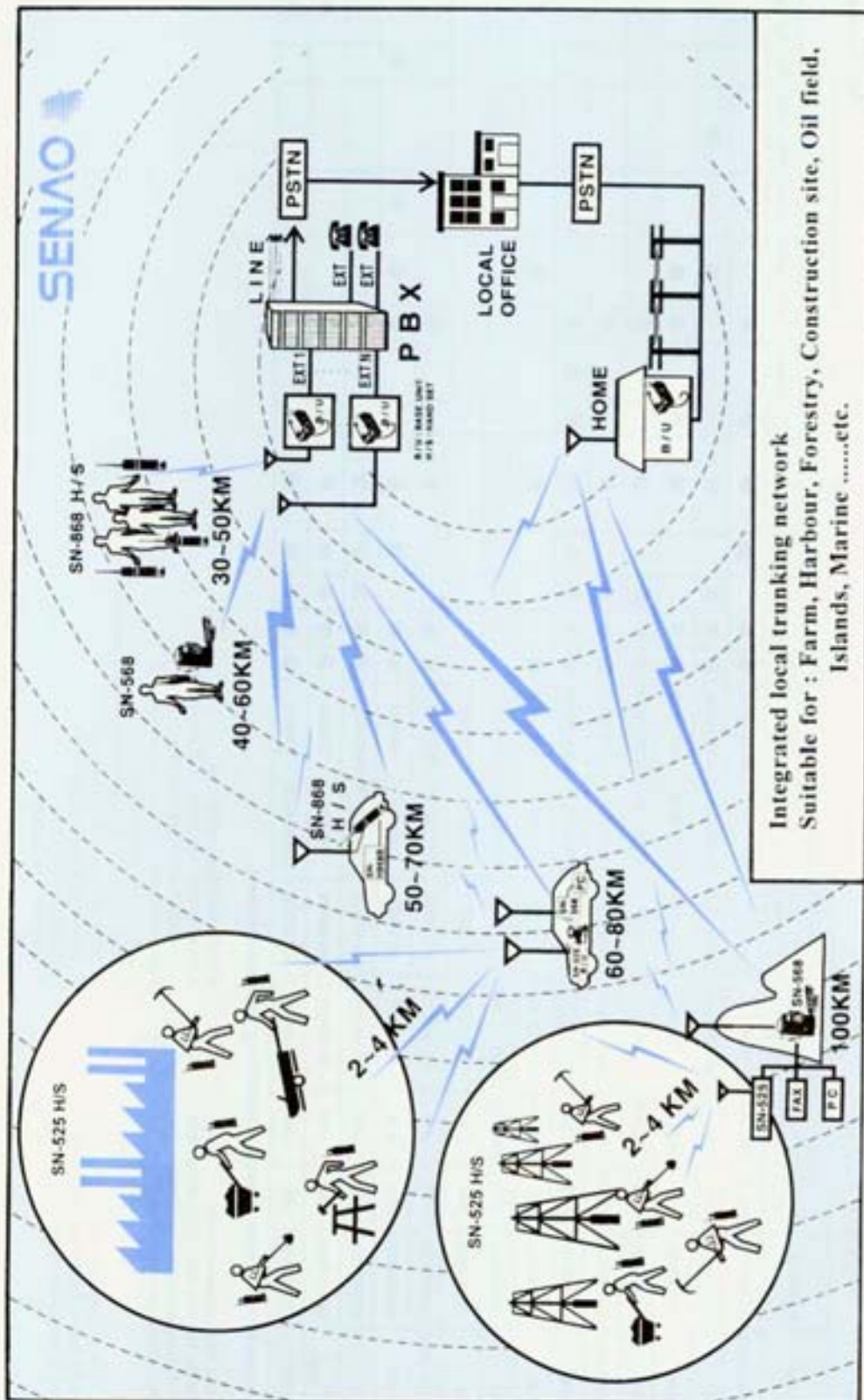
2. System block

See next page

3. Glossary:

1. PSTN : PUBLIC SWITCHING TELEPHONE NETWORK
2. EXT : EXTENSION
3. B/U : BASE UNIT
4. H/S : HANDSET
5. PC : PERSONAL COMPUTER
6. FAX : FACSIMILE

SENAO



Integrated local trunking network
 Suitable for : Farm, Harbour, Forestry, Construction site, Oil field,
 Islands, Marineetc.

SENAO's Product line

BU: Base unit
HS: Handset

Model	Frequency	Power		Communication range				Functions									
		B.U.	H/S	Free space	Sea level	Air	MCA, MHS, MBS	Power adj.	COMPANDER	BU Dial	Repeater	LCD	Scrambler	Two-talk	Walky-Talky	DISA	Ear-Phone
SN-230ULTRA	914-959MHz	150mW	150mW	500M	500M	4KM-6KM	2KM-4KM	4KM-6KM	●	●	●	●	●	●			
SN-258	264-090MHz	1W	350mW	500M**5KM	500M-2KM	4KM-6KM	2KM-4KM	4KM-6KM	●	●	●	●	●	●			●
SN-369N	30-73MHz	1W	300mW	500M	500M-1KM	3KM-5KM	1KM-3KM	3KM-5KM	●	●	●	●	●	●			●
SN-525	914-959MHz	10mW	10mW	200M	500M	1KM-2KM	500M-1KM	1KM-2KM	●	●	●	●	●	●			
SN-525ULTRA	914-959MHz	600mW	100mW	500M**5KM	500M-2KM	4KM-6KM	2KM-4KM	4KM-6KM	●	●	●	●	●	●			
SN-568B	254-380MHz	45W	20-12W	50-60KM/ **100-200KM	60-90KM	600KM&UP	300KM&UP	600KM&UP	●	●	●	●	●	●			●
SN-738S	47-73MHz	1W	300mW	500M**2-4KM	4-8KM	12KM&UP	4-8KM	12KM&UP	●	●	●	●	●	●			●
SN-736	43-72MHz	1W	300mW	500M**2-4KM	4-8KM	12KM&UP	4-8KM	12KM&UP									
SN-768	72-115MHz	8W	2.5W	*12-18KM	18-30KM	60M&UP	60M&UP	120KM&UP									
SN-768ULTRA	72-136MHz	15W	3W	15-20KM	20-30KM	100KM&UP	50KM&UP	100KM&UP	●	●	●	●	●	●			●
SN-888TT	262-388MHz	25W	4W	30-40KM	40-80KM	240KM	40-80KM	500KM	●	●	●	●	●	●			●
SN-868	254-380MHz	25W	4W	30-40KM	40-80KM	500KM&UP	240KM&UP	500KM&UP	●	●	●	●	●	●			
SN-868 STAR/TOPI	257-384MHz	25W	4W	30-40KM	40-80KM	240KM	40-80KM	500KM	●	●	●	●	●	●			●
STAR 2000	257-384MHz	25W	4W	30-40KM	40-80KM	200KM&UP	40-80KM	500KM	●	●	●	●	●	●			●

④ Frequencies might change depending on requirement.

SN-H868: The handset of SN-868
SN-H868B: The 25W BOOSTER of SN-H868
SN-P568: The portable unit of SN-568
SN-H525: The handset of SN-525

4. MBS: Multi-Base unit System
5. POWER ADJ: The power level adjustable
6. BU Dial: Base unit dial function
7. EKT: Electronic key telephone system
8. LCD: Liquid crystal display
9. TWIN-TALK: Full duplex talking between handsets.
10. DISA: Direct inward system access
11. Ear-Phone: Ear-Microphone Jack.
*: with seat down antenna
**: with directional antenna

NOTE:
1. MCA: Multi-Channel Access
2. COMPANDER: Compressor & Expander
3. MHS: Multi-Handset system



SENAO INTERNATIONAL CO., LTD.

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