

NAM features can be programmed as follows:

Nites:

- If you enter the NAM program mode, each item shows the currently stored data. Go to the next item by pressing **OK**.
- You can modify the data by entering a new data.
- If you enter a wrong digit, press **CLR** to delete the last digit. Press and hold **CLR** to delete all digits.
- To scroll items backwards or forwards, press the **VOLUME** button on the left side of the phone.

General Setup

LCD Display	Key in	Function
	MENU+4+0 input the password	-selects NAM programming
SVC Menu;è;é 1:PCS Phone# 2:General	2	-choose 'GENERAL'
ESN 9F031F77	Volume ^	-Electronic Serial Number of the phone is displayed
CAI version 2	Volume ^	-Common Air Interface version is displayed
VOC13K/8K SO_VOICE_13K	* or # OK	-Select vocoder service option -Stores it.
SCM 01101010	Volume ^	-Station Class Mark displays the power class, transmission, slotted class, dual mode.
Lock Code 0000	4-digit code OK	Lock code, current status is displayed -to change, enter new code. -stores it
Slot Mode Yes	* or # OK	Slot mode. 'Yes' indicates the slot mode. -changes the status. -stores it.
Slot Index 2	0-7 OK	Slot mode index. The higher,the longer sleeping time -to change,enter new one. -stores it.

Setting Up NAM1

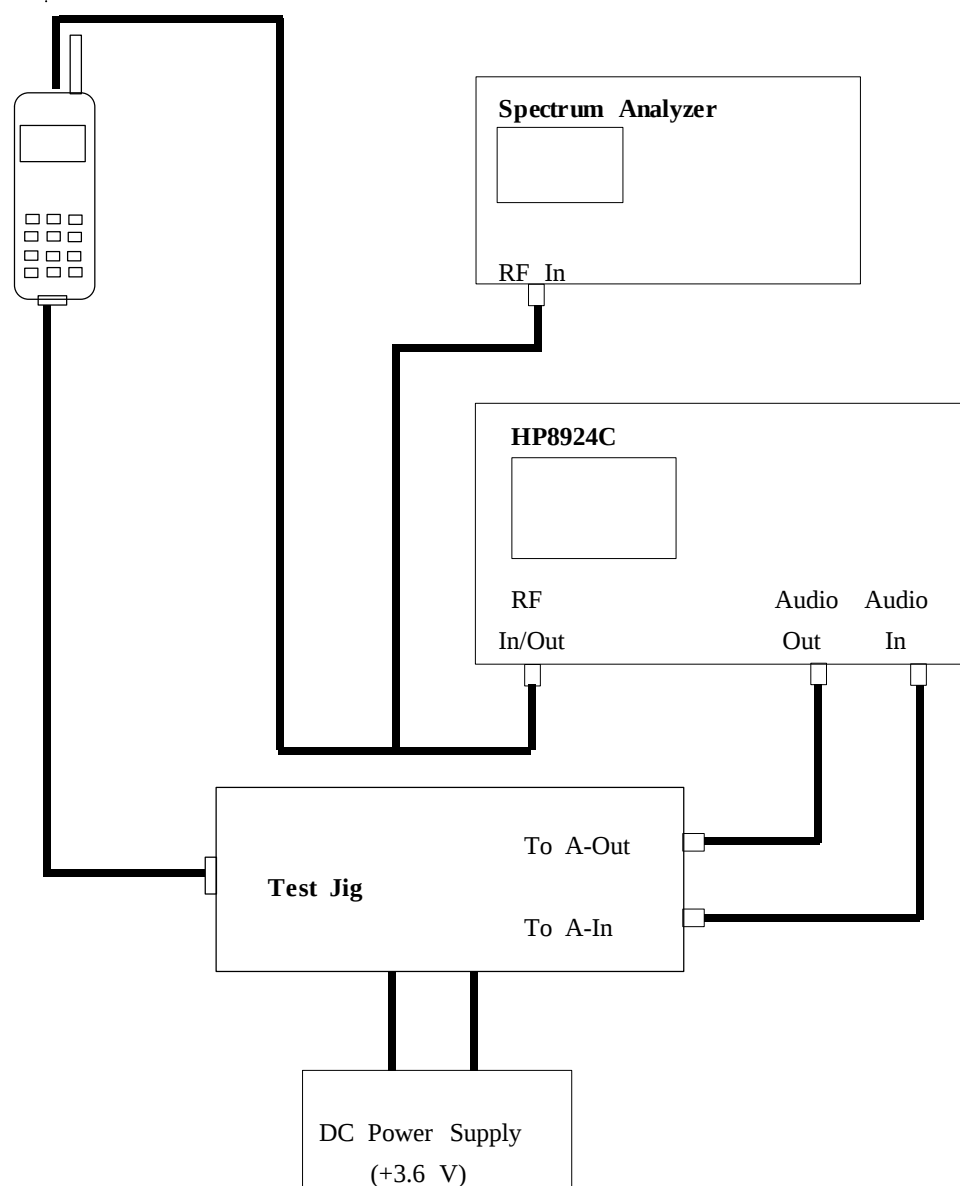
LCD Display	Key in	Function
Svc Menu up down 1:PCS Phone # 2:General	Volume ^	NAM Programming Menu is displayed
Svc Menu up down 3:NAM1	3	choose 'Setup NAM'
IMSI_MCC 000	number OK	IMSI Moble Country Code,current code is displayed. -to change,enter new one. -stores it.
IMSI_MNC 00	number OK	IMSI Mobile Network Code,current code is displayed. -to change,enter new one. -stores it.
CDMA ACCOLC 0	class number OK	CDMA Access Overload Class,current status is displayed. -to change,enter new one. -stores it.
CDMA Home SID Yes	* or # OK	CDMA Home system ID,current status is displayed -changes the status. -stores it.
CDMA fSID Yes	* or # OK	CDMA foreign SID,current status is displayed. -changes the system. -stores it.
CDMA fNID Yes	* or # OK	CDMA foreign NID,current status is displayed. -changes the system. -stores it.
HSID 2222	number OK	first SID written in the list,current status is displayed. -to change,enter new one. -stores it.
NID 1	number OK	first NID written in the list,current status is displayed. -to change,enter new one. -stores it.

6. Test Procedure

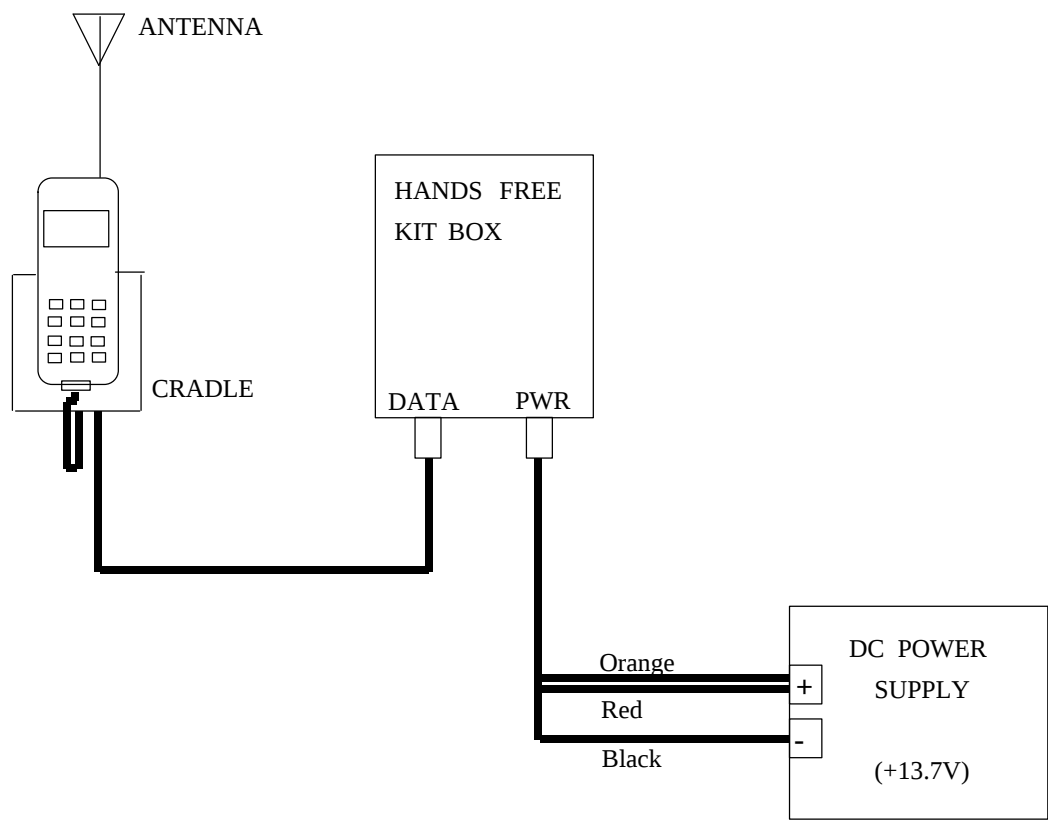
List of Equipment

- DC Power Supply
- Test Jig
- Test Cable
- CDMA Mobile Station Test Set HP8924C, HP83236B, CMD-80, etc
- Spectrum Analyzer(include CDMA test mode) HP8596E

Configuration of Test



Configuration of Test(Hands-Free)



Change to Test Mode

A. To change the phone from Normal Mode to test Mode, You should enter the following keys.

" * 7 5 9 # 8 1 3 5 8 0 "

B. The command " 0 1 "(Suspend) is entered to start test.

C. To finish the Test Mode, You should enter the command " 0 1 ".

Channel Selection and Tx Power Output level Control

A. You should change the phone from Normal Mode to Test mode

B. The command " 0 1 "(Suspend) is entered to start test.

C. You should enter the following keys.

" 0 9 0 5 2 5 #, 0 7, 7 1 4 7 5 #, 3 4 "

- If you enter the command " 0 9 ", You can select the channel

ex) 0 9 X X X X (under-bar means channel number)

- The command " 0 7 " means Carrier On (Carrier Off : " 0 8 ")

- If you enter the command "7 1", You can control the power output level. Following under-bar means AGC code. And you can control the power output level using Volume Up/Down Keys.

ex) 7 1 X X X X

- If you enter the command "3 4", You can spread the carrier.

D. After enter the command "7 4" and control the Tx Power Output Level to be 0.0dBm using Volume Up/Down keys, press "OK" key to store Data in EEPROM.

E. The code level for MAX POWER.

channel 25 ----> 345

channel 600 ---> 330

channel 1175---> 380

SCH-4000 TEST COMMAND TABLE

COMMAND NUMBER (OP,AB,RB)	TEST COMMAND	DESCRIPTION
01(1F,0,0)	T_SUSPEND_I	Terminate the normal mode,enter to the mode
02(3f,0,0)	T_RESTART_1	Terminate the test mode, enter to the normal mode
03(FD,0,0)	T_SAVE_VAL_I	Save value in EEPROM (Only for Auto test)
04(1D,0,0)	T_GET_MODE_I	Get mode(CDMA or FM)
07(81,0,0)	T_CARRIERON_I	Turn the carrier on
08(82,0,0)	T_CARRIEROFF_I	Turn the carrier off
09(83,0,0)	T_LOADSYN_I	Set the synthesizer to the channel specified by ch_data
11(85,0,0)	T_RXMUTE_I	Mute the receiver-audio signal
12(86,0,0)	T_RXUNMUTE_I	Unmute the receive-audio signal
13(87,0,0)	T_TXMUTE_I	Mute the transmit-audio signal
14(88,0,0)	T_TXUNMUTE_I	Unmute the transmit-audio signal
22(91,96, 96)	T_SNDNAM_I	Display and send NAM information
23(95,3,4)	T_SNDVERSION_I	Display and return s/w version
24(9F,7,8)	T_SNDESN_I	Display and return ESN
25(92,0,0)	T_BACKLIGHT_ON_I	Turn on the backlight
26(93,0,0)	T_BACKLIGHT_OFF_I	Turn off the backlight
27(96,0,0)	T_LAMP_ON_I	Turn on the LAMP
28(97,0,0)	T_LAMP_OFF_I	Turn off the LAMP
30(9D,16,0)	T_PLINE_I	Display and return production date
42(AA,1,0)	T_DTMFON_I	Activate DTMF generator with keycode

COMMAND NUMBER (OP,AB,RB)	TEST COMMAND	DESCRIPTION
43(AB,0,0)	T_DTMFOFF_I	Deactivate DTMF generator
50(B6,4,0)	T_H_LIST_I	Set the history list to the channel specified by ch_data
57(BC,0,0)	T_MIC_ON_I	Mic path on
58(BD,0,0)	T_MIC_OFF_I	Mic path off
59(BE,0,0)	T_ALLPATH_I	Set Rx Path,Tx Path Unmute to Earpiece
62(C1,3,0)	T_CH_FLATNESS_I	Set the AGC value for channel flatness
67(C6,3,6)	T_READ_BATT_I	Read Low-Battery in the standby,talk
68(C8,0,3)	T_VBATT1_I	Set the low battery position in the standby
69(C9,0,3)	T_VBATT1_I	Set the low battery position in the talking
70(CA,3,0)	T_WRITE_BATT_I	Write low battery level value to NVM
71(D1,3,0)	T_CDMA_TXADJ_I	Change PDM TX AGC in CDMA
72(D2,3,0)	T_FM_TXADJ_I	Change PDM TX AGC in FM
73(D3,1,0)	T_SET_PA_R_I	Set PA R1,RO in CDMA
74(C3,3,0)	T_TXRAS_ADJ_I	Set the Tx ras value in specified channel
75(D5,0,3)	T_READ_RSSI_I	Read a RSSI
76(D5,3,0)	T_WRITE_RSSI_I	Write RSSI
77(D7,0,3)	T_READ_TEMP_I	Read Temp
79(D9,1,0)	T_BUZZER_ON_I	Buzzer On at DTME 0 key
80(DA,0,0)	T_BUZZER_OFF_I	Buzzer off
81(E3,0,0)	T_VOC_PCMLPON_I	Play a PCM LOOP BACK
82(E4,0,0)	T_VOC_PCMLPOFF_I	Play off a PCM LOOP BACK
84(E6,3,0)	T_WR_CD_TXLIMIT_I	
85(E7,0,0)	T_SPEAKER_ON_I	Turn on the speaker path
86(E8,0,0)	T_SPEAKER_OFF_I	Turn off the speaker path
88(EA,0,0)	T_TRK_ADJ_I	RM_TRK_LO_ADJ control
89(EB,0,0)	T_CD_TRK_ADJ_I	CDMA TRK_LO_ADJ control

* OP : Operation Command Number
 AB : Input Argument Byte Number
 RB : Return Byte Number