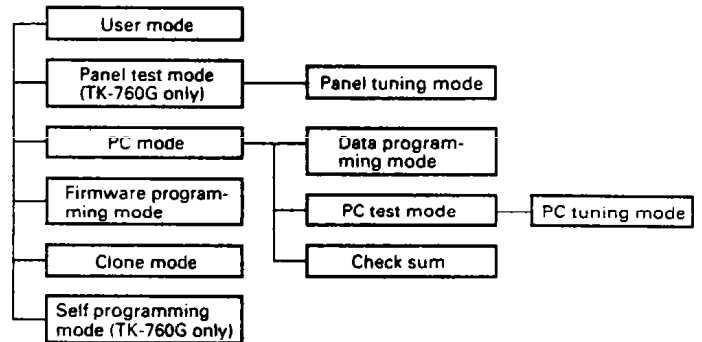


# TK-760G/762G

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### 1. Modes



Mode	Function
User mode	For normal use.
Panel test mode	Used by the dealer to check the fundamental characteristics.
Panel tuning mode	Used by the dealer to tune the radio.
PC mode	Used for communication between the radio and PC (IBM compatible).
Data programming mode	Used to read and write frequency data and other features to and from the radio.
PC test mode	Used to check the radio using the PC. This feature is included in the FPU. See panel tuning.
Firmware programming mode	Used when changing the main program of the flash memory.
Clone mode	Used to transfer programming data from one radio to another.
Self programming mode	Frequency, signalling and features write to the radio.

### 2. How to Enter Each Mode

Mode	Operation
User mode	Power ON
Panel test mode	[SCN]+Power ON (Two seconds)
PC mode	Received commands from PC
Panel tuning mode	[Panel test mode]+[SCN]
Firmware programming mode	[CH▲]+Power ON (Two seconds)
Clone mode	[▼]+Power ON (Two seconds)
Self programming mode	[A]+Power ON (Two seconds)

### 3. For the Panel Test Mode (TK-760G only)

Setting method refer to ADJUSTMENT.

#### 3-1. For the Panel Tuning Mode

Setting method refer to ADJUSTMENT.

# TK-760G/762G

## REALIGNMENT

No.	Function	Choices	Display	Remarks
		Display character	VUP__5_	TK-762G cannot be selected
		Home channel	VUP__7_	
		Channel down	VUP__8_	
		Channel up	VUP__9_	
		Key lock	VUP__10	
		Public address	VUP__12	
		Horn alert	VUP__14	
		Selectable QT	VUP__15	M destination only TK-762G cannot be selected
		Monitor A	VUP__17	
		Monitor B	VUP__18	
		Monitor C	VUP__19	
		Monitor D	VUP__20	
		Scan	VUP__22	TK-762G cannot be selected
		Scan del/add	VUP__23	TK-762G cannot be selected
		Group down	VUP__24	TK-762G cannot be selected
		Group up	VUP__25	TK-762G cannot be selected
		Scrambler	VUP__26	Only when scrambler is set
11	[VOL] (Volume down)	No function	VDN__OFF	
		Volume down	VDN__1_	←Default
		Volume up	VDN__2_	
		Talk around	VDN__3_	
		Auxiliary	VDN__4_	Cannot be selected when Scrambler, SmartTrunk is set
		Display character	VDN__5_	TK-762G cannot be selected
		Home channel	VDN__7_	
		Channel down	VDN__8_	
		Channel up	VDN__9_	
		Key lock	VDN__10	
		Public address	VDN__12	
		Horn alert	VDN__14	
		Selectable QT	VDN__15	M destination only TK-762G cannot be selected
		Monitor A	VDN__17	
		Monitor B	VDN__18	
		Monitor C	VDN__19	
		Monitor D	VDN__20	
Scan	VDN__22	TK-762G cannot be selected		
Scan del/add	VDN__23	TK-762G cannot be selected		
Group down	VDN__24	TK-762G cannot be selected		
Group up	VDN__25	TK-762G cannot be selected		
Scrambler	VDN__26	Only when scrambler is set		
<b>Optional feature</b>				
12	Power on tone	YES/NO	PONT_YES	Default : Yes
13	Control tone	YES/NO	CNTT_YES	Default : Yes
14	Warning tone	YES/NO	WART_YES	Default : Yes

No.	Function	Choices	Display	Remarks
15	Minimum volume	0~31/1 step	MVOL_12_	
16	Off hook decode	Enable	H_D__ENA	
		Disable	H_D__DIS	←Default
17	Off hook horn alert	Enable	H_H__ENA	
		Disable	H_H__DIS	←Default
18	Time out timer	OFF, 15~600/ 15s step	TOT_180_	Default : 180s
19	TOT pre-alert time	OFF, 1~10/ 1s step	TOTP_OFF	Cannot be set when TOT is off Default : Off
20	TOT rekey time	OFF, 1~60/ 1s step	TOTK_OFF	Cannot be set when TOT is off Default : Off
21	TOT reset time	OFF, 1~15/ 1s step	TOTS_OFF	Cannot be set when TOT is off
22	Clear to transpond (BCL for transpond)	YES	CTT_YES_	
		NO	CTT_NO_	←Default
23	Signalling	OR	SIG__OR_	←Default
		AND	SIG__AND	
24	Squelch level	0~9/1 step	SQL__5_	Default : 5
<b>Scan</b>				
25	Priority	None	PRI_NONE	Default : None
		Fixed	PRI_FIX_	
		Selected	PRI_SEL_	
26	Look back time A	0.5~5.0/ 0.05s	LBA__500	Default : 500ms Cannot be set when Priority=none
27	Look back time B	0.5~5.0/ 0.05s	LBB_2000	Default : 2000ms Cannot be set when Priority=none
28	Revert channel	Selected	REV_SEL_	
		Last called	REV_L/C_	←Default
		Last used	REV_L/U_	
		Selected-Talk back	REV_S/T_	
		Priority	REV_PRI_	
29	Dropout delay time	Priority-Talk back	REV_P/T_	
		0~300/1s	DODT__3	Default : 3s
30	Dwell time	0~300/1s	DWL__3	Default : 3s
31	Off hook scan	Enable	H_S__ENA	
		Disable	H_S__DIS	←Default

# TK-760G/762G

## ADJUSTMENT

### Test Mode (TK-760G Only)

#### ■ Test Mode Operating Features

This transceiver has a test mode. **To enter test mode, press [SCN] key and turn power on. Hold [SCN] key until test channel No. and test signalling No. appears on LCD.** Test mode can be inhibited by programming. To exit test mode, switch the power on again. The following functions are available in test mode.

#### • Controls

[PTT]	Used when making a transmission.
[MON]	Monitor on and off.
[SCN]	Sets to the tuning mode.
[A]	Function on.
[D/A]	RF power high and low.
[▼]	Changes signalling.
[▲]	Changes wide and narrow
[CH▲/▼]	Changes channel.
[Volume▲/▼]	Volume up/down.

#### • LCD indicator

*SCN*	Unused.
*AUX*	Lights at RF power low.
*MON*	Lights at monitor on.
*Right side dot*	Lights at narrow.

#### • LED indicator

Red LED	Lights during transmission.
Green LED	Lights when there is a carrier.

#### ■ Frequency and Signalling

The set has been adjusted for the frequencies shown in the following table. When required, re-adjust them following the adjustment procedure to obtain the frequencies you want in actual operation.

#### • Frequency (MHz)

Channel No.	TK-760G/762G (K)		TK-760G (M)	
	RX	TX	RX	TX
1	161.050	161.100	160.050	160.100
2	148.050	148.100	146.050	146.100
3	173.950	173.900	173.950	173.900
4	161.000	161.000	160.000	160.000
5	161.200	161.200	160.200	160.200
6	161.400	161.400	160.400	160.400
7-16	-	-	-	-

#### • Signalling

Signalling No.	RX	TX
1	None	None
2	None	100Hz square
3	QT 67.0Hz	QT 67.0Hz
4	QT 151.4Hz	QT 151.4Hz
5	QT 210.7Hz	QT 210.7Hz
6	QT 250.3Hz	QT 250.3Hz
7	DQT D023N	DQT D023N
8	DQT D754I	DQT D754I
9	DTMF DEC, (159D)	DTMF ENC, (159D)
10	None	DTMF tone (9)
11	2-tone 321.7/928.1Hz	None
12	Single tone 1200Hz	Single tone 1200Hz

#### • Preparations for tuning the transceiver

Before attempting to tune the transceiver, connect the unit to a suitable power supply.

Whenever the transmitter is turned, the unit must be connected to a suitable dummy load (i.e. power meter).

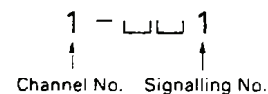
The speaker output connector must be terminated with a 4 dummy load and connected to an AC voltmeter and an audio distortion meter or a SINAD measurement meter at all times during tuning.

#### • Transceiver tuning

##### (To place transceiver in tuning mode)

Channel appears on LCD. Set channel according to tuning requirements.

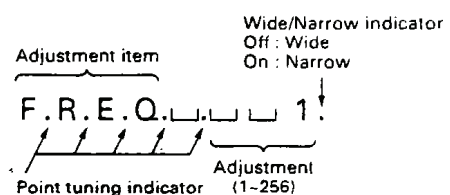
LCD display (Test mode)



Press [SCN], now in tuning mode. Use [D/A] button to write tuning data through tuning modes, and [CH▲/▼] to adjust tuning requirements (1 to 256 appears on LCD).

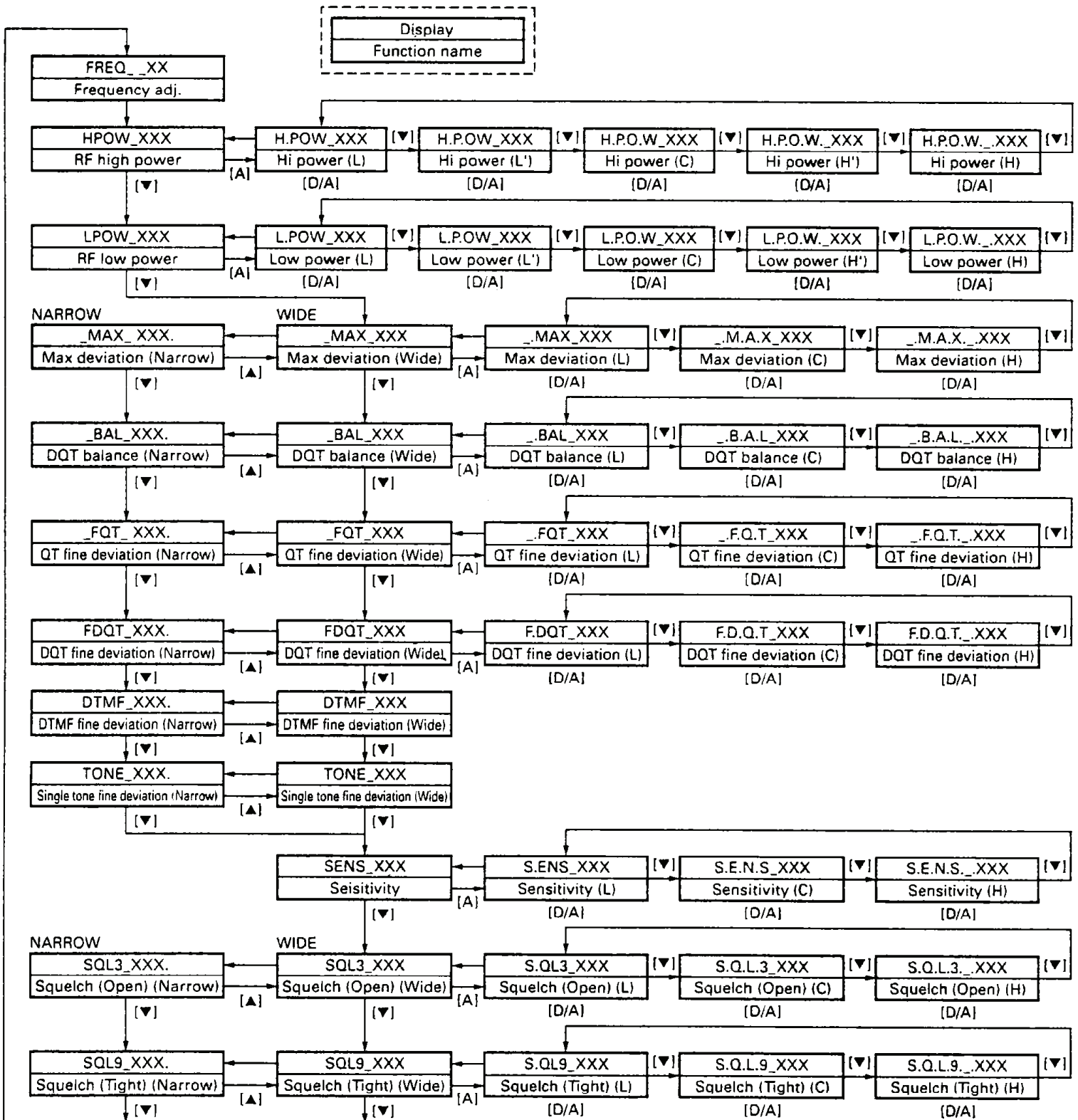
Use [▼] button to select the adjustment item through tuning modes. Use [A] button to adjust 3-point or 5-point tuning, and use [▲] button to switch between wide/narrow.

LCD display (Tuning mode)



## ADJUSTMENT

### ■ Tuning Mode



## REALIGNMENT

### 4. Check Sum

Executing this function, "TUNING" appears on the display of the TK-760G while calculation the check sum.

When the calculation is completed, the display returns to normal and PC displays the check sum of the radio.

### 5. PC Mode

#### 5-1. Preface

The TK-760G/762G transceiver is programmed using a personal computer, a programming interface (KPG-46) and programming software (KPG-56D).

The programming software can be used with an IBM PC or compatible. Figure 1 shows the setup of an IBM PC for programming.

#### 5-2. Connection Procedure

1. Connect the TK-760G/762G to the personal computer with the interface cable.
2. When the Power is switched on, user mode can be entered immediately. When the PC sends a command, the radio enters PC mode.

When data is transmitted from transceiver, the red LED blink.

When data is received by the transceiver, the green LED blink.

#### Notes :

- The data stored in the personal computer must match model type when it is written into the flash memory.
- Change the TK-760G/762G to PC mode, then attach the interface cable.

#### 5-3. KPG-46 Description

##### (PC programming interface cable : Option)

The KPG-46 is required to interface the TK-760G/762G to the computer. It has a circuit in its D-subconnector (25-pin) case that converts the RS-232C logic level to the TTL level.

The KPG-46 connects the modular microphone jack of the TK-760G/762G to the computers RS-232C serial port.

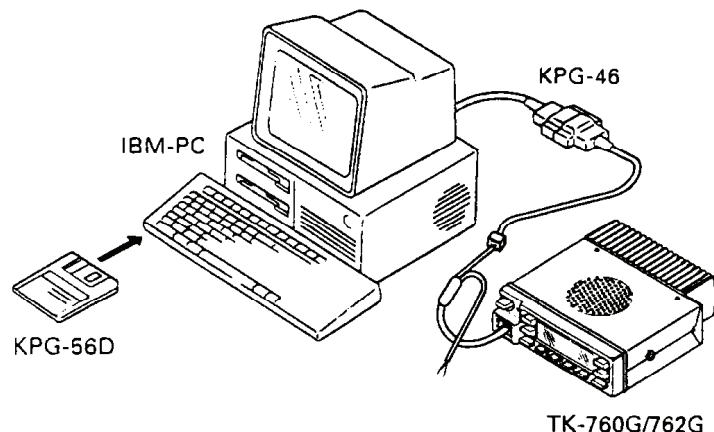


Fig. 1

#### 5-4. Programming Software Description

The KPG-56D programming disk is supplied in 3-1/2" disk format. The software on this disk allows a user to program TK-760G/762G radio via a programming interface cable (KPG-46).

#### 5-5. Programming With IBM PC

If data is transferred to the transceiver from an IBM PC with the KPG-56D, the destination data (basic radio information) for each set can be modified. Normally, it is not necessary to modify the destination data because their values are determined automatically when the frequency range (frequency type) is set.

The values should be modified only if necessary. Data can be programmed into the flash memory in RS-232C format via the modular microphone jack. KPG-56D installation manual parts No. : B62-1153-XX.

### 6. Firmware Programming Mode

#### 6-1. Preface

Flash memory is mounted on the TK-760G/762G. This allows the TK-760G/762G to be upgraded when new features are released in the future. (For details on how to obtain the firmware, contact Customer Service.)

#### 6-2. Connection Procedure

Connect the TK-760G/762G to the personal computer (IBM PC or compatible) with the interface cable (KPG-46). (Connection is the same as in the PC Mode.)

#### 6-3. Programming

1. Start up the programming software (KPG-56D), select "firmware program" in the "Program" item, and press the Return key on your personal computer. This starts up the firmware programmer.
2. The top screen is displayed. Press any key to advance to the next screen.
3. Set the communications speed (normally, 57600 bps) and communications port in the Setup item.
4. Set the firmware to be updated by File select (=F1).
5. Turn the TK-760G/762G Power ON with the [CH▲] switch held down. Hold the switch down for two seconds until the display changes to "PROG 576", the BUSY/TX LED lights orange. When "PROG 576" appears, release your finger from the switch.
6. Check the connection between the TK-760G/762G and the personal computer, and make sure that the TK-760G/762G is in Program mode.
7. Press F10 on the personal computer. A window opens on the display to indicate the writing progress. When the TK-760G/762G starts to receive data, the BUSY/TX LED lights green.
8. If writing ends successfully, the LED on the TK-760G/762G goes off and the checksum is displayed. (Since the TK-762G does not have a display, check the checksum with the FPU (KPG-56D).)
9. If you want to continue programming other TK-760G/762G, repeat steps 5 to 8.

# TK-760G/762G

## REALIGNMENT

### Notes :

- To start the Firmware Programmer from KPG-56D, the FPRO path must be set up by the KPG-56D setup.
- This mode cannot be entered if the Firmware programming mode is set to Disable in the Programming software (KPG-56D).
- When programming the firmware, it is recommend to copy the data from the floppy disk to your hard disk before you update the radio firmware. Directly copying from the floppy disk to the radio may not work because the access speed is too slow.

### 6-4. Function

1. If you press the [MON] switch while "PROG 576" is displayed, the checksum is displayed. If you press the [MON] switch again (while the checksum is displayed), "PROG 576" is redisplayed.
2. If you press the [A] switch while "PROG 576" is displayed, the display changes to "PROG 192" to indicate that the write speed is low speed (19200 bps). If you press the [A] switch again while "PROG 192" is displayed, the display changes to "PROG 384", and the write speed becomes the middle speed (38400 bps). If you press the [A] switch again while "PROG 384" is displayed, the display returns to "PROG 576".

### Note :

TK-762G indicate

19200 bps : The LED flashes green and red alternately.

38400 bps : The LED flashes orange.

57600 bps : The LED lights orange.

Normally, write in the high-speed mode.

### 7. Clone Mode

Programming data can be transferred from one radio to another by connecting them via their modular microphone jacks. The operation is as follows (the transmit radio is the master and the receive radio is the slave).

1. Turn the master TK-760G power ON with the [▼] key held down. The TK-760G displays "CLONE".
2. Power on the slave TK-760G/762G.
3. Connect the cloning cable (No. E30-3382-05) to the modular microphone jacks on the master and slave.
4. Press the [SCN] key on the master while the master displays "CLONE". The data of the master is sent to the slave. While the slave is receiving the data, "-PC-" is displayed. When cloning of data is completed, the master displays "END", and the slave automatically operates in the User mode. The slave can then be operated by the same program as the master.
5. The other slave can be continuously cloned. When the [SCN] key on the master is pressed while the master displays "END", the master displays "CLONE". Carry out the operation in step 2 to 4.

### Note :

You can clone the programmed data between the transceiver listed below. Frequency version must be same.

Slave \ Master	TK-260G K TK-270G K	TK-260G M TK-270G M	TK-760G K TK-762G K	TK-760G M TK-762G M
TK-760G K	○	X	○	X
TK-760G M	X	○	X	○

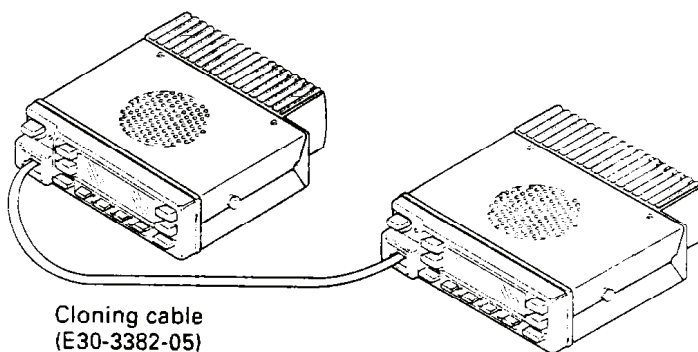
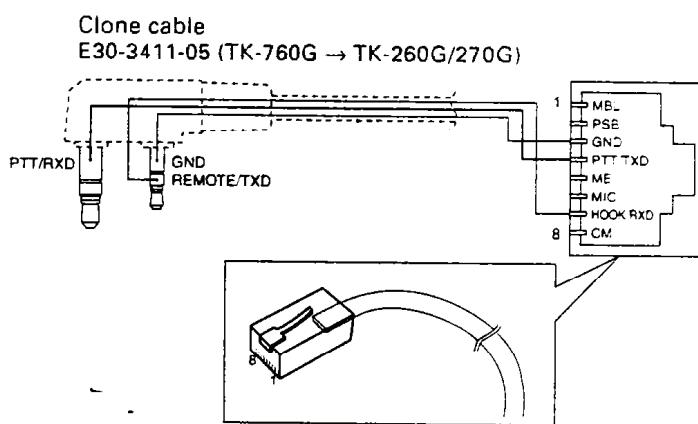


Fig. 2

### 8. Self Programming Mode (TK-760G only)

Write mode for frequency data and signalling etc. Mainly used by the person maintaining the user equipment.

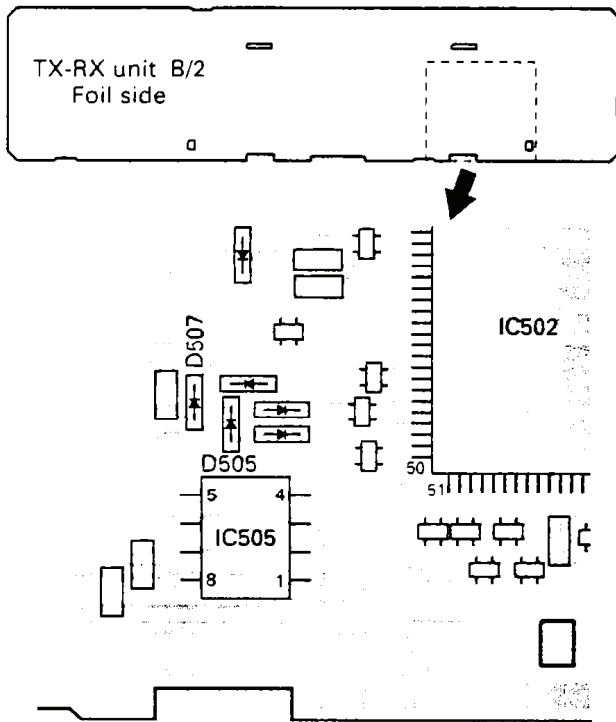
#### 8-1. Enter to the Self Programming Mode

Remove D507 (Figure 3) from the TX-RX unit. Hold down the [A] key and turn the power switch on. When enter the self programming mode, "SELF" is displayed. The mode changes autoically to Model Select Mode in about one second, and set up radio type, radio band & channel type and frequency version.

## REALIGNMENT

### Note :

This mode (self programming mode) cannot be set when it has been disabled with the FPU.

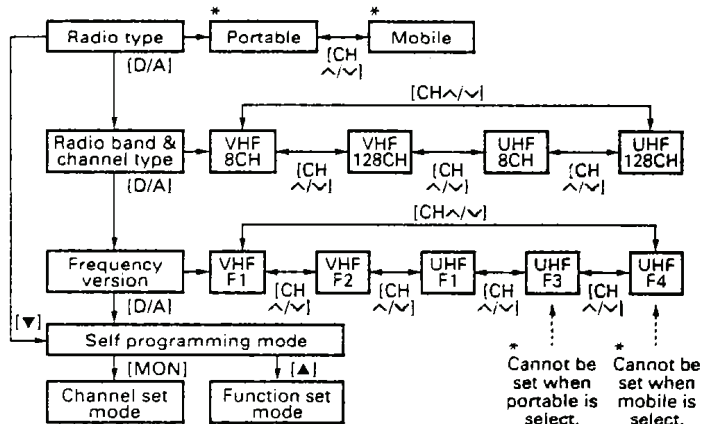


The silk screen of D505 and D507 is reversed on the TX-RX unit PCB (Part No. J72-0677-02). This silk screen will be corrected from the next version, J72-0677-12.

Fig. 3

### 8-2. Model Select Mode

#### • Flow chart



### Note :

If the radio type of TK-760G was temporarily set to 'Portable' for the cloning purposes, 'UNPROG\*' is displayed (at User mode) when the TK-760G is turned on.

In this case, please set the radio type back to 'Mobile' at model select mode menu.

### 9. Channel Setting Mode

Each channel can be setup in its action mode by using the panel keys.

- Pressing [MON] when "SELF" is displayed, sets channel setting mode.
- Select an item set using [▼] then change the selection with the [CH^/▼].
- The data displayed using [D/A] is stored in the memory and then proceeds to the next item.
- Pressing [▼] proceeds to the next item without storing it in the memory.
- Press [MON] to set the display to "SELF" and return to reset (default) status.

The setup items for channel setting mode are listed below.

No.	Function	Choices	Display	Remarks
	Select channel	1~128	__1-__1__	[▼] : Group selection/ Channel selection change
	Select group	1~128	__1-__1__	
			128-__1__	
1	RX frequency	Step	STP__250	Display when an item is selected or when a step is changed (about 0.5 seconds) [A] : Step change 2.5, 5.0, 6.25, 7.5kHz, 1MHz step
		2.5kHz~1MHz	STP_1000	
		Blank	-----	
		100.0000~550.0000MHz	R.100.0000	[▲] : Frequency on/blank switching The rightmost dot indicates 50Hz digit (On=5, Off=0)
2	RX signalling	Off	-----	[▲] : Off/QT/DQT switching
		QT 67.0~250.3Hz (EIA mode)	QT__67_0_	[A] : Mode switching
			QT_250.3_	
		QT 67.0~250.3Hz (0.1Hz step mode)	QT__67_0*	[SCN] : Normal/Inverse switching
			QT_250.3*	
		DQT 000~777 (Normal) (1 step mode)	DQT000N*	
			DQT777N*	
		DQT 023~754 (Normal) (Standard table mode)	DQT023N_	
			DQT754N_	
		DQT 000~777 (Inverse) (1 step mode)	DQT000I*	
	DQT777I*			
DQT 023~754 (Inverse) (Standard table mode)	DQT023I_			
	DQT754I_			

# TK-760G/762G

## REALIGNMENT

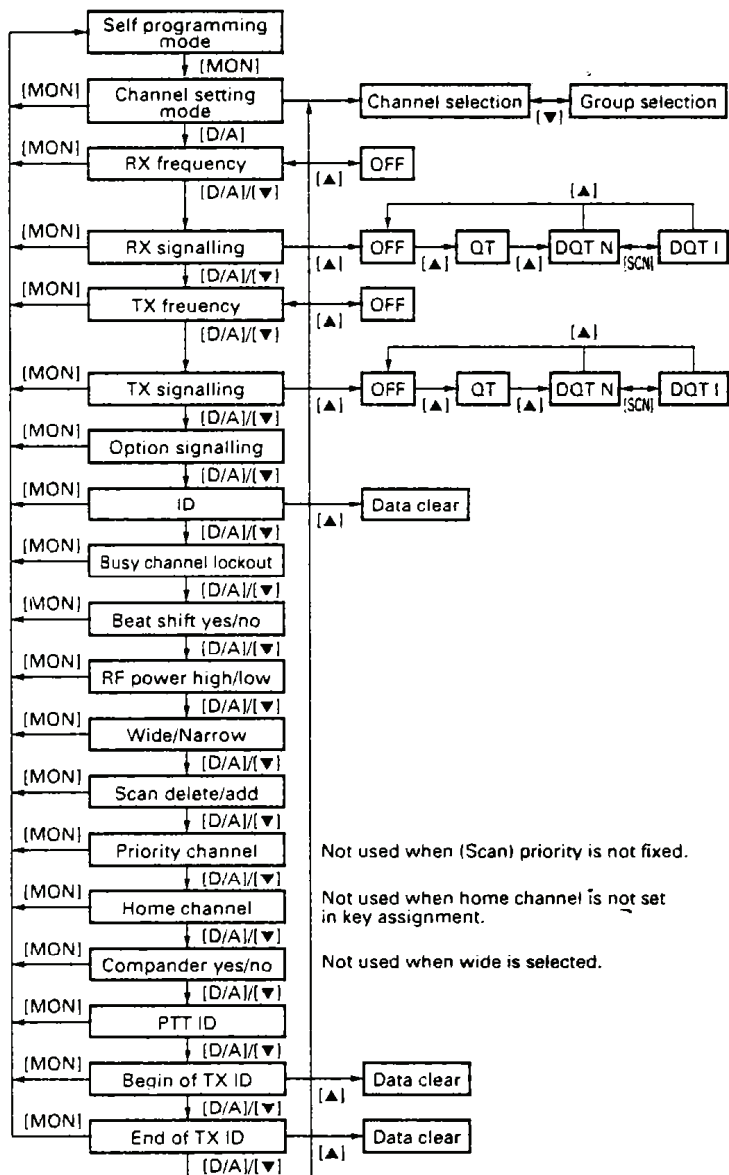
No.	Function	Choices	Display	Remarks
3	TX frequency	Step	STP_250	Display when an item is selected or when a step is changed (about 0.5 seconds) (A) : Step change 2.5, 5.0, 6.25, 7.5kHz, 1MHz step
		2.5kHz~1MHz	STP_1000	
		Blank	-----	
		100.0000~550.0000MHz	T.100.0000	The rightmost dot indicates 50Hz digit (On=5, Off=0)
4	TX signalling	Off	-----	[▲] : Off/QT/DQT switching
		QT 67.0~250.3Hz (EIA mode)	QT_67.0_	[A] : Mode switching
		QT 67.0~250.3Hz (0.1Hz step mode)	QT_67.0*	[SCN] : Normal/Inverse switching
		DQT 000~777 (Normal) (1 step mode)	DQT000N*	
			DQT777N*	
		DQT 023~754 (Normal) (Standard table mode)	DQT023N_	
			DQT754N_	
		DQT 000~777 (Inverse) (1 step mode)	DQT000I*	
			DQT777I*	
	DQT 023~754 (Inverse) (Standard table mode)	DQT023I_		
		DQT754I_		
5	Option signalling	Off	NONE___	←Default
		DTMF	DTMF___	
		2-TONE	2TONE___	
6	ID	000~9999999999	__ID__	Display when an item is selected (about 0.5 seconds)
			12345678	Display of the current setting (If it is 8 or more digits, scroll it)
			----- 987	Display when a code is input (Input it with DTMF key)
			Blank	----- [▲] : Data clear
7	Busy channel lockout	No	BCL_NO__	←Default
		Type 1	BCL_1__	BCL_YES_ for K type
		Type 2	BCL_2__	Not used for K type
8	Beat shift	No	SHFT_NO_	←Default
		Yes	SHFT_YES	
9	RF power	High power	PWR_H__	←Default
		Low power	PWR_L__	
10	Wide/Narrow	Wide	WIDE___	
		Narrow	NARROW__	
11	Scan Delete/Add	DELETE	SCAN_DEL	Not used for 8ch
		ADD	SCAN_ADD	←Default

No.	Function	Choices	Display	Remarks
12	Priority channel	No	P.CH_NO__	Not used when (Scan) priority is not fixed
		Yes	P.CH_YES_	
13	Home channel	No	H.CH_NO__	Not used when home channel is not set in key assignment
		Yes	H.CH_YES_	
14	Compander	No	COMP_NO_	Not used when wide is selected
		Yes	COMP_YES	
15	PTT ID	OFF	P.ID_OFF_	
		Begin of TX	P.ID_1__	
		End of TX	P.ID_2__	
		Both	P.ID_3__	
16	Begin of TX ID	000~9999999999999999	_BOT_ID_	Not valid if Dial ID=disable and PTT ID=off, or EOT is set Display when an item is selected (about 0.5 seconds)
			12345678	Display of the current setting (If it is 8 or more digits, scroll it)
			----- 987	Display when a code is input (Input it with DTMF key)
			Blank	----- [▲] : Data clear
17	End of TX ID	000~9999999999999999	_EOT_ID_	Not valid if Dial ID=disable and PTT ID=off, or BOT is set Display when an item is selected (about 0.5 seconds)
			12345678	Display of the current setting (If it is 8 or more digits, scroll it)
			----- 987	Display when a code is input (Input it with DTMF key)
			Blank	----- [▲] : Data clear



## REALIGNMENT

### 9-1. Flow Chart



### 10. Function Setting Mode

All channels can be set up together in the action mode by using the panel keys.

- Pressing [▲] when "SELF" is displayed, sets the function setting mode.
- Select an item set using [▼] then change the selection with the [CH▲/▼].
- The data displayed using [D/A] is stored in the memory and then proceeds to the next item.
- Pressing [▼] proceeds to the next item without storing it in the memory.
- Press [▲] to display "SELF" and return to reset (default) status.

No.	Function	Choices	Display	Remarks
<b>Function key</b>				
1	[MON] (TK-760G only)	Not function	MON__OFF	
		Volume down	MON__1_	
		Volume up	MON__2_	
		Talk around	MON__3_	
		Auxiliary	MON__4_	Cannot be selected when Scrambler, SmarTrunk is set
		Dispaly character	MON__5_	
		Home channel	MON__7_	
		Channel down	MON__8_	
		Channel up	MON__9_	
		Key lock	MON__10	
		Public address	MON__12	
		Horn alert	MON__14	
		Selectable QT	MON__15	M destination only
		Monitor A	MON__17	←Default
		Monitor B	MON__18	
		Monitor C	MON__19	
Monitor D	MON__20			
Scan	MON__22			
Scan del/add	MON__23			
Group down	MON__24			
Group up	MON__25			
Scrambler	MON__26	Only when scrambler is set		
2	[A] (TK-760G) [MON] (TK-762G)	No function	KEY1__OFF	←Default (TK-760G)
		Volume down	KEY1__1_	
		Volume up	KEY1__2_	
		Talk around	KEY1__3_	
		Auxiliary	KEY1__4_	Cannot be selected when Scrambler, SmarTrunk is set
		Dispaly character	KEY1__5_	TK-762G cannot be selected
		Home channel	KEY1__7_	
Channel down	KEY1__8_			
Channel up	KEY1__9_			

# TK-760G/762G

## REALIGNMENT

No.	Function	Choices	Display	Remarks
		Key lock	KEY1__10	
		Public address	KEY1__12	
		Horn alert	KEY1__14	
		Selectable QT	KEY1__15	M destination only
		Monitor A	KEY1__17	←Default (TK-762G)
		Monitor B	KEY1__18	
		Monitor C	KEY1__19	
		Monitor D	KEY1__20	
		Scan	KEY1__22	TK-762G cannot be selected
		Scan del/add	KEY1__23	TK-762G cannot be selected
		Group down	KEY1__24	TK-762G cannot be selected
		Group up	KEY1__25	TK-762G cannot be selected
		Scrambler	KEY1__26	Only when scrambler is set
		3	[D/A] (TK-760G)	No function
(TK-762G)	[o]	Volume down	KEY2__1_	
		Volume up	KEY2__2_	
		Talk around	KEY2__3_	
		Auxiliary	KEY2__4_	Cannot be selected when Scrambler, SmarTrunk is set
		Display character	KEY2__5_	TK-762G cannot be selected
		Home channel	KEY2__7_	
		Channel down	KEY2__8_	
		Channel up	KEY2__9_	
		Key lock	KEY2__10	
		Public address	KEY2__12	
		Horn alert	KEY2__14	
		Selectable QT	KEY2__15	M destination only TK-762G cannot be selected
		Monitor A	KEY2__17	
		Monitor B	KEY2__18	
	Monitor C	KEY2__19		
	Monitor D	KEY2__20		
	Scan	KEY2__22	TK-762G cannot be selected	
	Scan del/add	KEY2__23	TK-762G cannot be selected	
	Group down	KEY2__24	TK-762G cannot be selected	
	Group up	KEY2__25	TK-762G cannot be selected	
	Scrambler	KEY2__26	Only when scrambler is set	
4	[▼] (TK-760G)	No function	KEY3_OFF	←Default
(TK-762G)	[●]	Volume down	KEY3__1_	
		Volume up	KEY3__2_	
		Talk around	KEY3__3_	
		Auxiliary	KEY3__4_	Cannot be selected when Scrambler, SmarTrunk is set
		Display character	KEY3__5_	TK-762G cannot be selected
		Home channel	KEY3__7_	
		Channel down	KEY3__8_	

No.	Function	Choices	Display	Remarks
		Channel up	KEY3__9_	
		Key lock	KEY3__10	
		Public address	KEY3__12	
		Horn alert	KEY3__14	
		Selectable QT	KEY3__15	M destination only TK-762G cannot be selected
		Monitor A	KEY3__17	
		Monitor B	KEY3__18	
		Monitor C	KEY3__19	
		Monitor D	KEY3__20	
		Scan	KEY3__22	TK-762G cannot be selected
		Scan del/add	KEY3__23	TK-762G cannot be selected
		Group down	KEY3__24	TK-762G cannot be selected
		Group up	KEY3__25	TK-762G cannot be selected
		Scrambler	KEY3__26	Only when scrambler is set
5	[▲] (TK-760G)	No function	KEY4_OFF	←Default
(TK-762G)	[A]	Volume down	KEY4__1_	
		Volume up	KEY4__2_	
		Talk around	KEY4__3_	
		Auxiliary	KEY4__4_	Cannot be selected when Scrambler, SmarTrunk is set
		Display character	KEY4__5_	TK-762G cannot be selected
		Home channel	KEY4__7_	
		Channel down	KEY4__8_	
		Channel up	KEY4__9_	
		Key lock	KEY4__10	
		Public address	KEY4__12	
		Horn alert	KEY4__14	
		Selectable QT	KEY4__15	M destination only TK-762G cannot be selected
		Monitor A	KEY4__17	
		Monitor B	KEY4__18	
	Monitor C	KEY4__19		
	Monitor D	KEY4__20		
	Scan	KEY4__22	TK-762G cannot be selected	
	Scan del/add	KEY4__23	TK-762G cannot be selected	
	Group down	KEY4__24	TK-762G cannot be selected	
	Group up	KEY4__25	TK-762G cannot be selected	
	Scrambler	KEY4__26	Only when scrambler is set	
6	[SCN] (TK-760G only)	No function	SCN__OFF	←Default
		Volume down	SCN__1_	
		Volume up	SCN__2_	
		Talk around	SCN__3_	
		Auxiliary	SCN__4_	Cannot be selected when Scrambler, SmarTrunk is set

No.	F
7	
8	

## REALIGNMENT

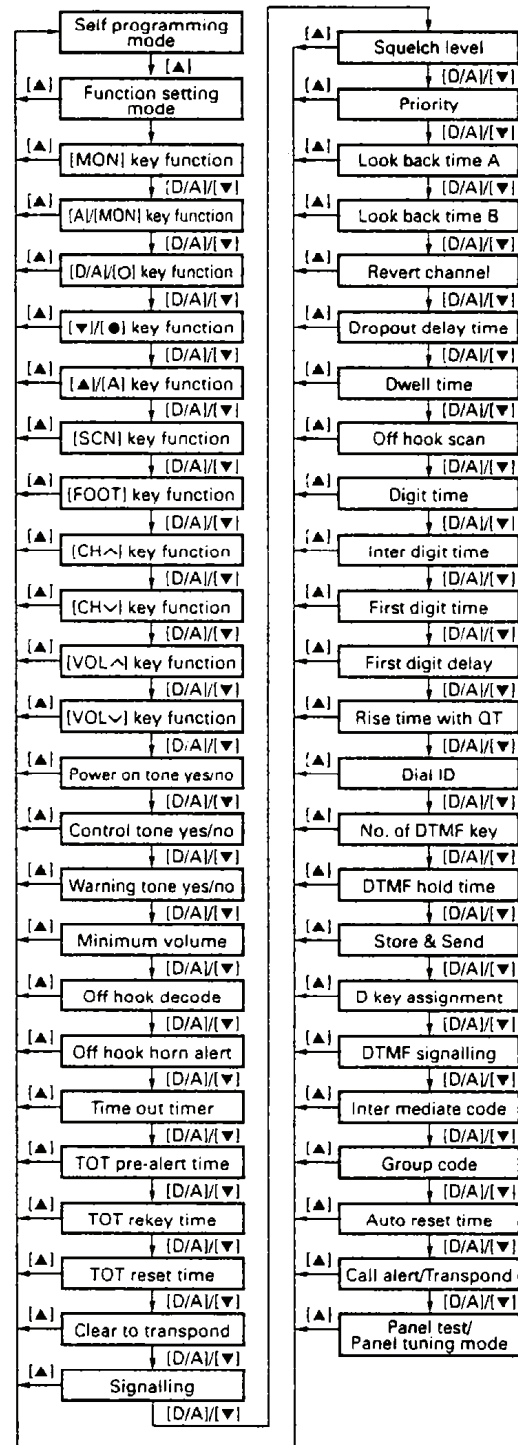
No.	Function	Choices	Display	Remarks
		Display character	SCN__5_	
		Home channel	SCN__7_	
		Channel down	SCN__8_	
		Channel up	SCN__9_	
		Key lock	SCN__10	
		Public address	SCN__12	
		Horn alert	SCN__14	
		Selectable QT	SCN__15	M destination only
		Monitor A	SCN__17	
		Monitor B	SCN__18	
		Monitor C	SCN__19	
		Monitor D	SCN__20	
		Scan	SCN__22	
		Scan del/add	SCN__23	
		Group down	SCN__24	
		Group up	SCN__25	
		Scrambler	SCN__26	Only when scrambler is set
7	[FOOT] (FOOT SW)	No function	FSW__OFF	←Default
		Volume down	FSW__1_	
		Volume up	FSW__2_	
		Talk around	FSW__3_	
		Auxiliary	FSW__4_	Cannot be selected when Scrambler, SmarTrunk is set
		Display character	FSW__5_	
		Emergency	FSW__6_	
		Home channel	FSW__7_	
		Channel down	FSW__8_	
		Channel up	FSW__9_	
		Key lock	FSW__10	
		Public address	FSW__12	
		Horn alert	FSW__14	
		Selectable QT	FSW__15	M destination only
		Monitor A	FSW__17	
		Monitor B	FSW__18	
		Monitor C	FSW__19	
		Monitor D	FSW__20	
		Scan	FSW__22	
		Scan del/add	FSW__23	
		Group down	FSW__24	
		Group up	FSW__25	
		Scrambler	FSW__26	Only when scrambler is set
8	[CH^] (Channel up)	No function	CUP__OFF	
		Volume down	CUP__1_	
		Volume up	CUP__2_	
		Talk around	CUP__3_	
		Auxiliary	CUP__4_	Cannot be selected when Scrambler, SmarTrunk is set

No.	Function	Choices	Display	Remarks
		Display character	CUP__5_	TK-762G cannot be selected
		Home channel	CUP__7_	
		Channel down	CUP__8_	
		Channel up	CUP__9_	←Default
		Key lock	CUP__10	
		Public address	CUP__12	
		Horn alert	CUP__14	
		Selectable QT	CUP__15	M destination only TK-762G cannot be selected
		Monitor A	CUP__17	
		Monitor B	CUP__18	
		Monitor C	CUP__19	
		Monitor D	CUP__20	
		Scan	CUP__22	TK-762G cannot be selected
		Scan del/add	CUP__23	TK-762G cannot be selected
		Group down	CUP__24	TK-762G cannot be selected
		Group up	CUP__25	TK-762G cannot be selected
		Scrambler	CUP__26	Only when scrambler is set
9	[CHv] (Channel down)	No function	CDN__OFF	
		Volume down	CDN__1_	
		Volume up	CDN__2_	
		Talk around	CDN__3_	
		Auxiliary	CDN__4_	Cannot be selected when Scrambler, SmarTrunk is set
		Display character	CDN__5_	TK-762G cannot be selected
		Home channel	CDN__7_	
		Channel down	CDN__8_	←Default
		Channel up	CDN__9_	
		Key lock	CDN__10	
		Public address	CDN__12	
		Horn alert	CDN__14	
		Selectable QT	CDN__15	M destination only TK-762G cannot be selected
		Monitor A	CDN__17	
		Monitor B	CDN__18	
		Monitor C	CDN__19	
		Monitor D	CDN__20	
		Scan	CDN__22	TK-762G cannot be selected
		Scan del/add	CDN__23	TK-762G cannot be selected
		Group down	CDN__24	TK-762G cannot be selected
		Group up	CDN__25	TK-762G cannot be selected
		Scrambler	CDN__26	Only when scrambler is set
10	[VOL^] (Volume up)	No function	VUP__OFF	
		Volume down	VUP__1_	
		Volume up	VUP__2_	←Default
		Talk around	VUP__3_	
		Auxiliary	VUP__4_	Cannot be selected when Scrambler, SmarTrunk is set

## REALIGNMENT

No.	Function	Choices	Display	Remarks
<b>DTMF</b>				
32	Digit time	50~200ms/10ms	DIGT__50	Default : 50ms
33	Inter digit time	50~1000ms/50ms	IDT__50	Default : 50ms
34	First digit time	50~200ms/10ms	FDT__50	Default : 50ms
35	First digit delay	50~1000ms/50ms	RIST_100	Default : 100ms
36	Rise time with QT	50~1000ms/50ms	RTWO_100	Default : 100ms
37	Dial ID	Enable	DID__ENA	
		Disable	DID__DIS	←Default
38	No. of DTMF key	12 key	NODK_12_	←Default
		16 key	NODK_16_	
39	DTMF hold time	ON	DHT__ON_	←Default
		OFF	DHT__OFF	
40	Store and send	Enable	SAS__ENA	
		Disable	SAS__DIS	←Default
41	D key assignment	D code	DKA_D_CD	←Default
		1~16s/1s	DKA_16_	
42	DTMF signalling	Code SQ	DTMS_CSQ	←Default
		SWL CALL	DTMF_SEL	TK-760G only
43	Inter mediate code	0~9, A~D, *, #	IMC__#_	Default : # (Can be set only when DTMF signalling=SEL CALL)
44	Group code	A~D, *, #	GPCD_OFF	Default : OFF
45	Auto reset time	OFF	ART__OFF	
		1~15s/1s	ART_10_	Default : 10s
46	Call alert transpond	OFF	CA/T_OFF	←Default
		Call alert	CA/T_C/A	
		Transpond (Call alert)	CA/T_T/A	
		Transpond (ID code)	CA/T_T/I	
		Transpond (Transpond code)	CA/T_T/T	
			Others	
47	Panel test/ panel tuning mode	Enable	PTM__ENA	←Default Not used for TK-762G
		Disable	PTM__DIS	

### 10-1. Flow Chart



### 11. Memory Reset Mode (TK-760G only)

You can clear all settings you made in self programming mode, or you can return to the original display.

- Press [SCN] while "SELF" is displayed will change the display to "CANCEL".
- Press [CH^/▼] to change the display between "CANCEL" and "READY".
- When "READY" is displayed, pressing [SCN] will set all data to default, and "CLEAR" will appear on the display. Press [SCN] again to display "SELF".
- When "CANCEL" is displayed, pressing [SCN] will cancel the reset, and "SELF" will be displayed.