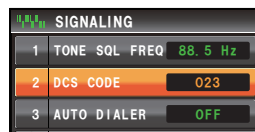


Communicating with Specified Partner Stations

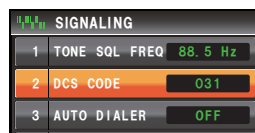
- 5 Turn **OK/PA** to select the DSC code

Tip Factory default value: 023



- 6 Touch **[2 DCS CODE]**

The characters of the set value will turn green in color.



- 7 Press **[DSP/SQL]** for one second or longer

The DCS code will be set and the display will return to the previous screen.

Tip The display can also be returned to the previous screen by touching **[BACK]** twice.

Using DCS

- 1 Press **[F/M]**

The function menu will be displayed.

- 2 Touch **[SQL]** to display "D-TRX"

Tips • When **[SQL]** is not displayed in the menu, use **[BACK]** or **[FWD]** to change the menu.

• The squelch type changes in the following sequence each time it is touched.
"NOISE" "T-TX" "T-TRX" "T-REV" "D-TRX" "PRGM"
"PAGER" "D-TX" "TT/DR" "DT/TR"

*These squelch types will be displayed when

[SIGNALING] → [8 SQL EXPANSION] is set to "ON"
in the set-up menu.

The squelch will open only when the set DCS code is received.



Tip

A bell can be rung (beep) when signals containing the same DCS code are received (P.110).

Communicating with Specified Partner Stations

Using the pager function

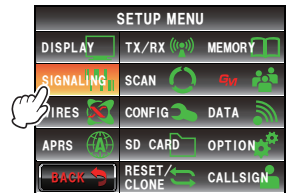
Use this function to call specified stations only by using a pager code that combines two CTCSS tones.

Caution

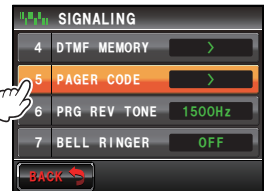
The pager function does not work in the digital mode. Use the  key when beginning operations to switch the communications to the auto-mode select function (AMS) or analog mode.

Setting the receive station code

- 1 Press  for one second or longer
The set-up menu will be displayed.
- 2 Touch **[SIGNALING]**
The menu list will be displayed.



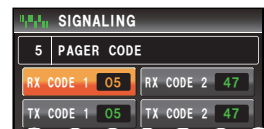
- 3 Turn , or touch the screen to select **[5 PAGER CODE]**
- 4 Touch **[5 PAGER CODE]**
The code setting screen will be displayed.



- 5 Touch **[RX CODE 1]** twice
The characters of the set value will turn orange in color.



- 6 Turn  to select the code
Select the first code from 01 to 50.
Tip Factory default value: 05



- 7 Touch **[RX CODE 1]**
The characters of the set value will turn green in color.



Communicating with Specified Partner Stations

8 Touch **[RX CODE 2]** twice

The characters of the set value will turn orange in color.



9 Turn to select the code

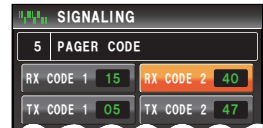
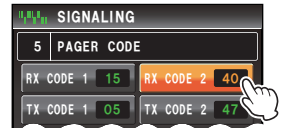
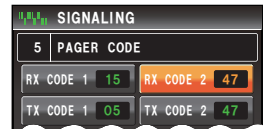
Select the second code from 01 to 50.

Tip Factory default value: 47



10 Touch **[RX CODE 2]**

The characters of the set value will turn green in color.



11 Press for one second or longer

Your own station code will be set and the display will return to the previous screen.

Tip The display can also be returned to the previous screen by touching **[BACK]** twice.

Tips

- The two codes "05 47" and "47 05" will be recognized as the same code even if the order is different.
- Three or more stations with the same code can be set (group code) to call all group members at the same time.

Communicating with Specified Partner Stations

Activating the pager function

- 1 Press .

The function menu will be displayed.

- 2 Touch **[SQL]** to display “PAGER”

Tips • When **[SQL]** is not displayed in the menu, use **[BACK]** or **[FWD]** to change the menu.

• The squelch type changes in the following sequence each time it is touched.

“NOISE” “T-TX” “T-TRX” “T-REV” “D-TRX” “PRGM”

“PAGER” “D-TX”* “TT/DR”* “DT/TR”*

*These squelch types will be displayed when

[SIGNALING] → **[8 SQL EXPANSION]** is set to “ON” in the set-up menu.

The operating band will standby to receive in the pager mode.



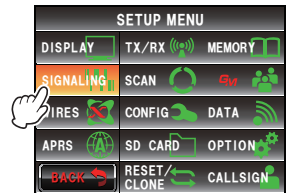
Recalling a specified station

- 1 Press  for one second or longer

The set-up menu will be displayed.

- 2 Touch **[SIGNALING]**

The menu list will be displayed.



- 3 Turn , or touch the screen to select **[5 PAGER CODE]**

- 4 Touch **[5 PAGER CODE]**

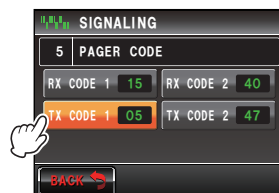
The code setting screen will be displayed.



Communicating with Specified Partner Stations

5 Touch **[TX CODE 1]** twice

The characters of the set value will turn orange in color.

**6** Turn to select the code

Select the first code from 01 to 50.

Tip Factory default value: 05

**7** Touch **[TX CODE 1]**

The characters of the set value will turn green in color.

**8** Touch **[TX CODE 2]** twice

The characters of the set value will turn orange in color.

**9** Turn to select the code

Select the second code from 01 to 50.

Tip Factory default value: 47

**10** Touch **[TX CODE 2]**

The characters of the set value will turn green in color.

**11** Press for one second or longer

The partner station code will be set and the display will return to the previous screen.

Tip The display can also be returned to the previous screen by touching **[BACK]** twice.

12 Activate the pager function**13** Press the microphone **[PTT]**

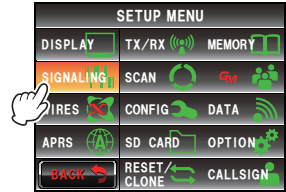
The partner station will be called.

Communicating with Specified Partner Stations

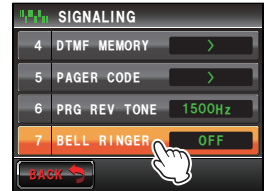
Notification of an incoming call from a partner station using the bell

When communicating using the tone squelch, DCS or pager, a bell (beep) can be sounded to provide notification that a signal has been received from a partner station.

- 1 Press **[DISP/SQL]** for one second or longer
The set-up menu will be displayed.
- 2 Touch **[SIGNALING]**
The menu list will be displayed.



- 3 Touch **[7 BELL RINGER]** to select the length of the bell ring
The bell ring changes as follows each time it is touched.
“OFF” “1 time” “3 times” “5 times” “8 times”
“CONTINUOUS”



Tip Factory default value: OFF

- 4 Press **[DISP/SQL]** for one second or longer
The bell ring will be set and the display will return to the previous screen.
Tip The display can also be returned to the previous screen by touching **[BACK]** twice.

Other squelch functions

● Reverse tone

Touch **[SQL]** in the function menu to display “T-REV”.

This is a communication method whereby a tone signal is sent out when there is no sound. When there is a sound, the tone signal will disappear.

● User Programmed Reverse CTCSS Decoder

Touch **[SQL]** in the function menu to display “PRGM”.

The user programmable Reverse CTCSS Decoder will mute your FTM-400XDR/DE receiver when it receives a signal containing a CTCSS tone matching your programmed tone. The tone signal frequency can be set at 100 Hz intervals between 300 Hz and 3000 Hz using **[SIGNALING]** → **[6 PRG REV TONE]** in the set-up menu.

Communicating with Specified Partner Stations

● DCS transmission

Touch **[SQL]** in the function menu to display “D-TX”.

The radio sends out the DCS code during transmit.

This can be used only when **[SIGNALING]** → **[8 SQL EXPANSION]** is set to “ON” in the set-up menu.

● Tone transmission / DCS reception

Touch **[SQL]** in the function menu to display “TT/DR”.

The radio sends out a tone signal during transmit and goes into receive standby for the previously set DCS codes.

This can be used only when **[SIGNALING]** → **[8 SQL EXPANSION]** is set to “ON” in the set-up menu.

● DCS transmission / tone reception

Touch **[SQL]** in the function menu to display “DT/TR”.

The radio sends out the DCS code during transmit and goes into receive standby for the previously set squelch tone.

This can be used only when **[SIGNALING]** → **[8 SQL EXPANSION]** is set to “ON” in the set-up menu.

Using the DTMF Function

The DTMF (Dual Tone Multi Frequencies) is a “peepoppa” sound heard from a telephone receiver when a call is made on a push phone line. This radio can send out the DTMF code by using the microphone keys or recalling a memory.

A DTMF code with a maximum of 16 digits can be registered in up to 9 channels in the memory. It is convenient to register beforehand telephone numbers that are used for connecting to a public line from a phone patch.

Tip

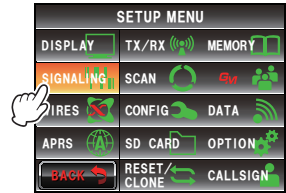
The DTMF code is issued based on a combination of the following frequencies.

	1209 Hz	1336 Hz	1477 Hz	1633 Hz
697 Hz	1	2	3	A
770 Hz	4	5	6	B
852 Hz	7	8	9	C
941 Hz	*	0	#	D

Registering the DTMF code

- 1 Press  for one second or longer
The set-up menu will be displayed.

- 2 Touch **[SIGNALING]**
The menu list will be displayed.



- 3 Turn , or touch the screen to select **[4 DTMF MEMORY]**

- 4 Touch **[4 DTMF MEMORY]**
The DTMF memory screen will be displayed.



- 5 Turn  or touch the screen to select the channel to be registered

- 6 Touch the selected channel
The character input screen will be displayed.

