

YAESU

Radio for Professionals

HF/50/144/430MHz ALL MODE TRANSCEIVER

FTX-1series

Instruction Manual (APRS Edition)

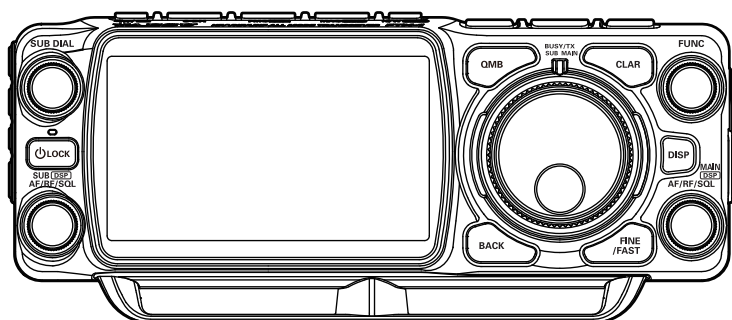


Table of Contents

APRS® initial settings	2
When operating APRS using the GPS function	2
When operating APRS without using the GPS function	2
Setting this station callsign	3
Setting the APRS modem	3
Setting the APRS baud rate	4
Setting the APRS operating frequency	4
Other initial settings	5
Changing the station symbol	5
Receiving APRS® beacons	6
Receiving beacons	6
Description of the APRS STATION LIST screen and operations	7
Deleting a beacon station from the list	9
APRS reception pop-up setting	11
Display to notify reception of the same beacon or message	12
Audio notification of a beacon or message received APRS RINGER function	13
Displaying RAW packet data	14
Transmitting APRS® beacons	15
Transmitting an APRS beacon manually	15
Transmitting an APRS beacon automatically	15
Registering status text	16
Selecting a position comment	16
Setting the digipeater route	17
APRS® message screen and operating instructions	18
Description of the APRS MESSAGE LIST screen and operations	18
Checking messages	18
Description of the APRS MESSAGE LIST detail screen	19
Receiving messages	19
Deleting a message from the list	20
APRS Setup menu List	21

APRS® initial settings

Position data may be entered manually in advance or automatically from the built-in GPS satellite receiver.

When an APRS signal is received from a partner station, the direction, distance, speed etc. of the partner station as seen from your own station will be shown on the display of your transceiver.

When operating APRS using the GPS function

In order to use the GPS satellite data for the station position information, press and hold the **[FUNC]** knob → **[EXTENSION SETTING]** → **[MY POSITION]** → **[MY POSITION]** press the **[FUNC]** knob → rotate the **FUNC** knob to select **[GPS]**.

Factory setting value: GPS

Then proceed to “**Setting this station callsign**” (Page 3).

When operating APRS without using the GPS function

When operating APRS without using the GPS function, follow the procedure below to manually set the clock and position information.

• Setting the position information

Enter the station position information manually.

1 Press and hold the **[FUNC]** knob → **[EXTENSION SETTING]** → **[MY POSITION]** → **[MY POSITION]**.

2 Press the **[FUNC]** knob.

3 Rotate the **[FUNC]** knob to select **[MANUAL]**.

Factory setting value: GPS

4 Rotate the **[FUNC]** knob to select **[MY POSITION LATITUDE]** and then press the **[FUNC]** knob.

A screen to enter the position information of your own station will be displayed.

5 Touch to select “**N** (North Latitude)” or “**S** (South Latitude)”.

6 Touch the latitude on the screen.

7 After entering the latitude, touch **[ENT]**.

8 Rotate the **[FUNC]** knob to select **[MY POSITION LONGITUDE]** and then press the **[FUNC]** knob.

9 Touch to select “**E** (East Longitude)” or “**W** (West Longitude)”.

10 Touch the longitude on the screen.

11 After entering the longitude, touch **[ENT]**.

12 Press the **[BACK]** key several times to return to normal operation.

Setting this station callsign

Register this station callsign in order to send and receive messages and to transmit beacons in APRS. Enter the callsign like "W6DXC-9". The "-9" in the callsign indicates the SSID (Secondary Station Identifier) of which there are 16 types, including one with no SSID. Generally, the SSIDs shown in the table below are used in APRS.

SSID	Description	SSID	Description
(NIL)	Fixed stations that can exchange messages	-8	Marine mobile stations, land mobile stations
-1	1200 bps narrow-to-middle band digipeater	-9	Using the FTX-1 etc. for mobile applications
-2	9600 bps digipeater	-10	I-Gate station, Internet connection station
-3	1200 bps broadband digipeater	-11	Balloons, aircraft, spacecraft, etc.
-4	Digipeater, mobile station, meteorological station, etc.	-12	1-way tracker station (messages cannot be exchanged)
-5	Operation station using mobile devices (smartphones etc.)	-13	Meteorological station (weather station)
-6	Operation station for satellite communications, events, etc.	-14	Tracking mobile stations
-7	Use of FT5D etc. in handy terminals	-15	Digipeater, mobile station, meteorological station, etc.

- 1 Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS SETTING]** → **[GENERAL]** → **[CALLSIGN (APRS)]** → press the **[FUNC]** knob.
The text input screen will be displayed.
- 2 Input the callsign and the SSID in the character input screen.
- 3 After entering the callsign, touch **[DENT]**.
- 4 Press the **[BACK]** key several times to return to normal operation.

Setting the APRS modem

Turn on the APRS modem to activate the APRS function.

- 1 Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS SETTING]** → **[GENERAL]** → **[MODEM SELECT]** → press the **[FUNC]** knob.
- 2 Rotate the **FUNC** knob to set to select **[AUTO]**, **[MAIN]** or **[SUB]**.
AUTO: APRS operation will be fixed to the side shown with the small numbers.
MAIN: Always operate on the MAIN-side.
SUB: Always operate on the SUB-side.
- 3 Press the **[BACK]** key several times to return to normal operation.
The display will show **"A12"** (for 1200 bps) or **"A96"** (for 9600 bps) on the display.

• Stop APRS operation

- 1 Set it to **[OFF]** in step 2 above.

Setting the APRS baud rate

This sets the APRS baud rate.

- 1** Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS SETTING]** → **[GENERAL]** → **[MODEM TYPE]** → press the **[FUNC]** knob.
- 2** Rotate the **FUNC** knob to select the APRS baud rate.
1200bps: APRS operations using AFSK 1200bps packets
9600bps: APRS operations using GMSK 9600bps packets
- 3** Press the **[BACK]** key several times to return to normal operation.

Setting the APRS operating frequency

The customary APRS operating frequency differs depending on the region and country. In the USA, the usual operating frequency is 144.39MHz. Therefore, to begin APRS operations set the frequency to 144.39MHz.

- 1** Setting the APRS operating frequency.
Check that A12 (1200bps) or A96 (9600bps) is displayed on the right-hand side of the frequency.

Other initial settings

■ Changing the station symbol

This sets the station APRS transmit symbol.

The default setting when shipped from the factory is "ICON 1 /> (Car)".

1 Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS SETTING]** → **[MY SYMBOL]** → **[MY SYMBOL]** → press the **[FUNC]** knob.

2 Rotate the **[FUNC]** knob to select the symbol.

The following three symbol types can be selected as your own symbol: "ICON 1", "ICON 2" and "ICON 3".

3 To use the currently set symbol as is, press the **[BACK]** key several times to return to normal operation.

4 Rotate the **[FUNC]** knob to select the **[ICON1]**, **[ICON2]** or **[ICON3]**.

5 Rotate the **[FUNC]** knob to select symbol and set the symbol to use.

The default value of each symbol is as follows.

MY SYMBOL	Symbol
ICON 1	/> (Car)
ICON 2	/R (REC.Vehicle)
ICON 3	/- (House QTH (VHF))

6 Press the **[BACK]** key several times to return to normal operation.

Receiving beacons

- **Displaying beacons in the APRS pop-up screen**

A alarm will sound when a beacon is received, and the APRS pop-up screen will be displayed.

Tips

- When receiving a beacon from a station with the same APRS call sign. From the second time onward, the pop-up screen will not be displayed if the status text contained in the beacon is not changed.

- **Displaying beacons in the APRS STATION LIST detail screen**

1 Press and hold the **[FUNC]** knob → touch **[APRS S.LIST]**.

The APRS STATION LIST screen will be displayed.

2 Rotate the **[FUNC]** knob to select the beacon whose details you want to review.

3 Press the **[FUNC]** knob to display the details screen.

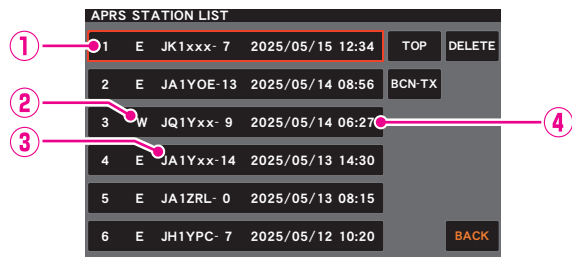
4 Press the **[BACK]** key.

Returns the screen to the APRS STATION LIST screen.

Tips

- When **[APRS FILTER]** → **[STATION LIST]** is set to on, a received beacon matching the filter setting will be stored and shown on the display.
- The reception of an APRS beacon is notified by a ringing sound set in **[APRS FILTER]** → **[RINGER]** in the setup menu. If "OFF" is selected, no audio alarm will sound upon receiving a beacon.

Description of the APRS STATION LIST screen and operations



- ① **Number:** Received beacons (up to a maximum of 100) will be displayed, starting with the most recent one received.
- ② **Character:** The station list characters will be displayed.
Refer to the following page for details.
- ③ **Station name:** The callsign or object name / item name of the received beacon will be displayed.
- ④ **Date / Time:** Date (YY/MM/DD) / Time (HH:MM) will be displayed.

• Operation

Scroll the screen	Rotate the [FUNC] knob.
Move to the “APRS STATION LIST” detail screen (page 10)	Rotate the [FUNC] knob to select the beacon whose details you want to see and press the [FUNC] knob.
Move to the top of the APRS STATION LIST	Touch [TOP]
Manual transmission of a beacon (page 15)	Touch [BCN-TX]
Delete a selected beacon station from the display (page 9)	Touch [DEL]

• Description of Station List Character

Examples of station list characters are described here.

APRS STATION LIST					
1	E	JK1xxx- 7	2025/05/15 12:34	TOP	DELETE
2	E	JA1YOE-13	2025/05/14 08:56	BCN-TX	
3	W	JQ1Yxx- 9	2025/05/14 06:27		
4	E	JA1Yxx-14	2025/05/13 14:30		
5	E	JA1ZRL- 0	2025/05/13 08:15		
6	E	JH1YPC- 7	2025/05/12 10:20		BACK

Display	Description
E	Mic-E: Displayed when a beacon of a Mic-E station is received
P	Position: Displayed when the beacon from a fixed station (FIXED) or a mobile station (MOVING) is received
p	Position: Displayed when the beacon of a fixed station (FIXED) or a mobile station (MOVING) is received (compression type)
W	Weather report: Displayed when the beacon of a meteorological station is received
w	Weather report: Displayed when the beacon of a meteorological station is received (compression type)
O	Object: Displayed when the beacon of an object station is received
o	Object: Displayed when the beacon of an object station is received (compression type)
I	Item: Displayed when the beacon of an item station is received
i	Item: Displayed when the beacon of an item station is received (compression type)
K	Killed Object/Item: Displayed when a deleted object station or item station is received
k	Killed Object/Item: Displayed when a deleted object station or item station is received (compression type)
S	Status: Displayed when the beacon of a status station is received
G	Raw NMEA: Displayed when Raw NMEA data (GGA / GGL / RMC) is received
?	Other: Displayed when a beacon that cannot be interpreted is received
Emg	Displayed when an emergency signal from a Mic-E station is received

Tips

- When the transceiver is turned ON, if the detail screen is displayed before the GPS satellites are acquired, the position arrow and distance will not be displayed.
- If GPS satellite information is no longer available due to obstructions such as buildings, tunnels, etc., the most recently acquired coordinates (position arrow, latitude / longitude, distance) will be displayed. The accurate position information will be displayed again when you move to a position that can be located.

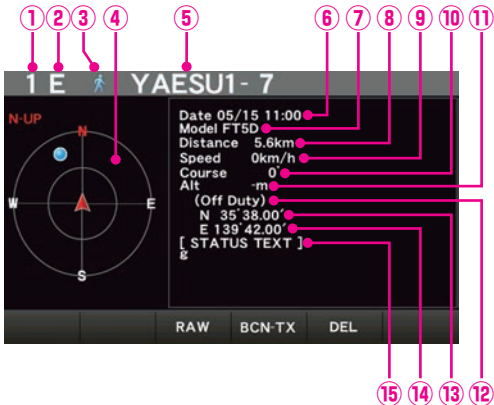
Deleting a beacon station from the list

A beacon station which is no longer required can be deleted from the list by selecting it on the APRS STATION LIST screen.

- 1** Press and hold the **[FUNC]** knob → touch **[APRS S.LIST]**.
The APRS STATION LIST screen will be displayed.
- 2** Rotate the **[FUNC]** knob to select the beacon.
- 3** Touch **[DELETE]**.
A confirmation message “DELETE?” will appear in the display.
- 4** Touch **[OK]**.
The callsign will be deleted from the list.

• **Explanation of the detail screen display in an E (Mic-E) APRS STATION LIST and description of operations**

Rotate the **DIAL** knob in the APRS STATION LIST screen to select the “E” station and press the **DIAL** knob to display the E (Mic-E) detailed screen.



- ① **Number:** The number of received beacon (up to a maximum of 100).
- ② **Character:** The station list characters will be displayed.
- ③ **Symbol:** The symbol of the radio station will be displayed.
- ④ **Compass:** The direction of the partner station as seen from your own station will be displayed.
- ⑤ **Callsign:** The received station callsign will be displayed.
- ⑥ **Date/Time:** The date the beacon was received (MM/DD) will be displayed.
The time the beacon was received (HH:MM) will be displayed.
- ⑦ **Type code:** The type code used by the partner station will be displayed (Mic-E, McE-Trk, McE-Msg and model name of the radio, etc.)
- ⑧ **Distance:** Distance to the received station will be displayed.
- ⑨ **Speed:** The moving speed of the partner station will be displayed.
- ⑩ **Direction:** The direction of movement of the partner station will be displayed.
- ⑪ **Altitude:** The altitude of the partner station will be displayed.
- ⑫ **Position comment:**
The position comments of the partner station will be displayed.
When an emergency message is received, the message (Emergency!) is displayed and a sound will be repeated 12 times.
- ⑬ **Latitude:** The N (north latitude) or S (south latitude) of the current position will be displayed (DDMM.MM or DDMMSS).
- ⑭ **Longitude:** The E (east longitude) or W (west longitude) of the current position will be displayed (DDMM.MM or DDMMSS).
- ⑮ **STATUS TEXT:** The comments information will be displayed.

• **Operation**

Display the packet data (raw data)	Touch [RAW]
Manual transmission of a beacon (page 15)	Touch [BCN-TX]
Delete a selected beacon station from the display (page 9)	Touch [DEL]

APRS reception pop-up setting

This sets the display time of the pop-up that appears when an APRS beacon and message is received.

- 1 Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS FILTER]** → **[POPUP]**.
- 2 Rotate the **[FUNC]** knob to select **[BEACON]** or **[MESSAGE]**, then press the **[FUNC]** knob.
- 3 Rotate the **[FUNC]** knob to select the pop-up time when a beacon or message is received, then touch **[BACK]**.

Factory default value: 10 sec

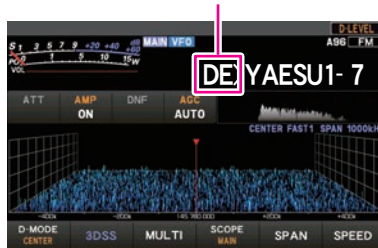
OFF	The display will not change even if a beacon or message is received.
3 sec, 5 sec, 10 sec	Select the pop-up screen (compass screen or message screen) time.
HOLD	The pop-up screen (compass screen or message screen) will continue to be displayed until you perform a key press.

- 4 Press the **[BACK]** key several times to return to normal operation.

Display to notify reception of the same beacon or message

When receiving the same beacon or message from the same partner station, the following screen is displayed. The display time is according to the setting in "POPUP" of the setup menu in the previous section.

Two characters are displayed



The first two alphabetical characters displayed in front of the callsign of the partner station contain the following meaning.

First digit

- N** = New: New signal
- D** = Duplicate: Received signal
- A** = ACK: Message ACK signal
- R** = Reject: Message REJ signal
- O** = Other: Message to other stations

Second digit

- E** = Mic-E: Beacon of a mike encoder station
- P** = Position: Beacon of a fixed station (FIXED) / mobile station (MOVING)
- p** = Position: Beacon of a fixed station (fixed) / mobile station (moving) (compression type)
- W** = Weather report: Beacon of a meteorological station
- w** = Weather report: Beacon of a meteorological station (compression type)
- O** = Object: Beacon of an object station
- o** = Object: Beacon of an object station (compression type)
- I** = Item: Beacon of an item station
- i** = Item: Beacon of an item station (compression type)
- K** = Killed Object/Item: Deleted object station / item station
- k** = Killed Object/Item: Deleted object station / item station (compression type)
- S** = Status: Beacon of a status station
- M** = Message
- G** = Raw NMEA: Beacon of a Raw NMEA
- ?** = Other: Beacon that could not be interpreted

Audio notification of a beacon or message received

APRS RINGER function

An audio notification can be set to sound when an APRS beacon arrives from a partner station.

- 1** Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS FILTER]** → **[RINGER]**.
- 2** Rotate the **[FUNC]** knob to select the item to be set, and then press the **[FUNC]** knob.
TX BEACON: OFF / ON
RX BEACON: OFF / ON
TX MESSAGE: OFF / ON
RX MESSAGE: OFF / ON
MY PACKET: OFF / ON
- 3** Rotate the **[FUNC]** knob to select “ON” or “OFF”, then press the **[FUNC]** knob.
- 4** Repeat step 2 and 3 to set the remaining items.
- 5** Press the **[BACK]** key several times to return to normal operation.

Displaying RAW packet data

Display the packet data (raw data) of the partner station from the APRS STATION LIST detail screen.

1 Press and hold the [FUNC] knob.

2 Touch [APRS S.LIST].

The APRS STATION LIST screen will be displayed.

3 Rotate the [FUNC] knob to select the beacon, then press the [FUNC] knob.

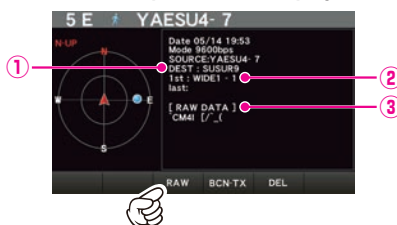
A detail screen of the APRS STATION LIST will appear in the display.

4 Touch [RAW].

The RAW packet data will appear in the display.

5 Touch [RAW] again to return to the detail screen.

Details of RAW packet data display screen



① **Destination information:** View the destination address information of AX.25

② **Digipeater information:** View the relay station (digipeater) information

③ **RAW TEXT:** View the text of raw data

Tips

When a 3rd Party Header Beacon (beacon from I-Gate and others) is received, the route information included in the text of the 3rd Party Header Beacon will be displayed instead of the information obtained from the AX.25 packet signal.

Transmitting APRS® beacons

Transmitting an APRS beacon manually

- 1 Press and hold the [FUNC] knob → Touch [APRS BCN-TX].

The APRS beacon will be transmitted.

On the APRS STATION LIST screen or the APRS STATION LIST details screen, a beacon may be sent manually by touch [BCN-TX].

Tip

When using the GPS function in APRS operations, be sure to check that [MY POSITION] is set to "GPS". A beacon cannot be transmitted if GPS data cannot be captured.

Transmitting an APRS beacon automatically

An APRS beacon can be sent automatically at a fixed interval.

- 1 Press and hold the [FUNC] knob → [APRS SETTING] → [APRS BEACON] → [BEACON SET] → [BEACON TYPE].
- 2 Rotate the [FUNC] knob to select the [AUTO].
- 3 Touch [AUTO BACON] → [INTERVAL TIME].

- 4 Rotate the [FUNC] knob to select the transmission interval can be selected from the following times.

30sec / 1min / 2min / 3min / 5min / 10min / 15min / 20min / 30min / 60min

Factory default value: 5 min

- 5 Press the [BACK] key several times to return to normal operation.

The beacon transmission setting is displayed with the following icon:

No display (OFF): Only when touch [APRS BCN-TX] or [BCN-TX] will the APRS beacon of your station be transmitted (with the default settings).

● appears (AUTO): Automatically transmit the APRS beacon of your own station at a 5-minute interval.



Tip

- If the squelch is open when the specified time has passed to transmit a beacon, the beacon transmission is delayed. The beacon will be sent when the squelch is closed.

Registering status text

A maximum of up to 60 characters can be registered for 5 types of status comment.
The following characters can be entered.

- 1** Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS BEACON]** → **[BEACON TEXT]**.
- 2** Touch **[STATUS TEXT SELECT]**, then rotate the **[FUNC]** knob to select “TEXT 1” to “TEXT 5”.
- 3** Touch **[TX RATE]**.
Select the rate from 1/1 (every time) to 1/8 (once in 8 times).
- 4** Touch to select **[STATUS TEXT1]** to **[STATUS TEXT5]**.
The screen for editing text will be displayed.
The text contents will be displayed if text was already entered.
- 5** Enter the text.
- 6** Touch **[ENT]**.
- 7** Press the **[BACK]** key several times to return to normal operation.

Selecting a position comment

This selects the position comment (standard message) to be incorporated into your own station beacon.

- 1** Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS BEACON]** → **[BEACON SET]**.
- 2** Touch **[POSITION COMMENT]**
- 3** Rotate the **[FUNC]** knob to select the position comment.
Select the position comment from the following list.
Off duty / En Route / In Service / Returning / Committed / Special / Priority /
Custom 0 - Custom 6 / EMERGENCY!
Factory setting value: Off duty
- 4** Press the **[BACK]** key several times to return to normal operation.

Caution

Never select “Emergency!” unless emergency aid is required e.g. accidents and disasters etc.
In the event an emergency message is sent out by mistake, select a position comment other than “Emergency!” and send another packet. Do not turn the radio OFF.

Setting the digipeater route

A digipeater is a station that relays packets such as beacons. The following 2 types of digipeater routes can be selected for use in the device.

Route	Number of relay steps	Address	Format
OFF	0	—	—
WIDE 1-1	1	Configured (settings cannot be changed)	New-Paradigm format*
WIDE 1-1, WIDE 2-1	2	Configured (settings cannot be changed)	New-Paradigm format*

When “WIDE 1-1, WIDE 2-1” is selected, the beacon is initially relayed to the digipeater station at the first location as specified in WIDE 1-1, and then it is relayed to the digipeater at the second location as specified in WIDE 2-1.

As of 2013, digipeater stations used in APRS are recommended to operate in the New-Paradigm format*.

* Refer to the following website for details on the New-N Paradigm method.
<http://aprs.org/fix14439.html> (as of 2023).

- 1 Press and hold the **[FUNC]** knob → **[APRS SETTING]** → **[APRS SELECT]** → **[APRS SETTING]** → **[DIGI PATH]**.
- 2 Touch **[PATH SELECT]**.
Select the DIGI PATH from OFF / WIDE1-1 / WIDE1-1,WIDE2-1
- 3 Press the **[BACK]** key several times to return to normal operation.

APRS® message screen and operating instructions

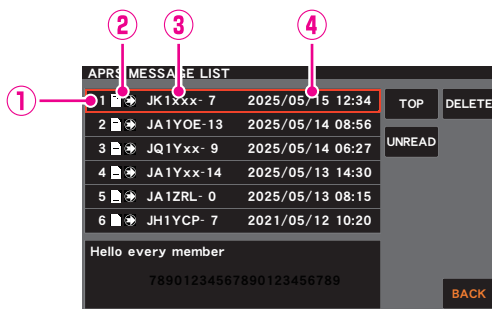
Description of the APRS MESSAGE LIST screen and operations

Text messages can be received separately from beacons in APRS.

A maximum of up to 100 received messages can be saved in a common list in the memory.

Checking messages

- 1 Press and hold the [FUNC] knob → [APRS M.LIST].
The MESSAGE LIST screen will be displayed.
- 2 Rotate the [FUNC] knob to select the message to be displayed.
- 3 Touch message.
The selected message will be displayed.
- 4 Touch [BACK].
Returns to the MESSAGE LIST screen.



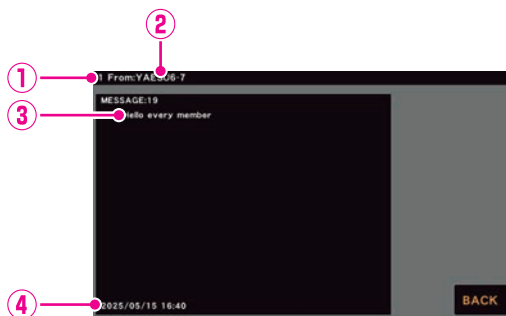
- ① **Number:** The number of the message received or transmitted will be displayed.
- ② **Receive:** One of the following icons is displayed during message reception.
☒➡ Messages received (unread)
☐➡ Messages received (read)
- ③ **Callsign:** The received or transmitted callsign will be displayed.
- ④ **Date / Time:** The message receive or transmit date (MM/DD) / time (HH:MM) will be displayed.

•Operation

Scroll the screen.	Rotate the FUNC knob
Move to the top of the list.	Touch [TOP]
Returning a read message to unread status.	Touch [UNREAD]
Delete the selected message from the list.	Touch [DEL]

Description of the APRS MESSAGE LIST detail screen

From the APRS MESSAGE LIST screen, Rotate the **[FUNC]** knob to select the message whose details you want to see and press the **[FUNC]** knob to display the APRS MESSAGE LIST detail screen. The APRS MESSAGE LIST detail screen shows the details of the messages received in the APRS MESSAGE LIST screen.



- ① **Number:** The number of the message received or transmitted will be displayed.
- ② **Callsign:** The received callsign will be displayed.
- ③ **Message:** Main text of message.
- ④ **Date / Time:** Date and time message is received.

Receiving messages

When a message is received, a pop-up screen appears, together with a audio alarm, followed by the screen below.



Deleting a message from the list

Unwanted messages on the APRS MESSAGE screen can also be deleted.

- 1 Press and hold the **[FUNC]** knob → **[APRS M.LIST]**.

The MESSAGE LIST screen will be displayed.

- 2 Rotate the **[FUNC]** knob to select the message to be displayed.

- 3 Touch **[DEL]**.

A confirmation message “**DELETE?**” will appear in the display.

- 4 Touch **[OK]**.

The message will be deleted.

Tip

A maximum of 100 messages can be displayed in the APRS screen, with the oldest messages being deleted automatically if the number exceeds 100. As a result, when a new message is received, messages that were not resent 5 times may be deleted.

APRS Setup menu List

Menu Function	Description	Selectable options (Bold letters: Default)
APRS SETTING		
GENERAL		
MODEM SELECT	Sets the APRS operating band.	OFF / AUTO / MAIN / SUB
MODEM TYPE	Sets the APRS packet communication speed.	1200bps / 9600bps
APRS TX DELAY	Data transmit delay time setting.	100ms / 200ms / 300ms / 400ms / 500ms / 750ms / 1000ms
CALLSIGN (APRS)	My call sign setting.	***** - **
APRS DESTINATION	Model code display Non-editable.	APY500 (FIX)
MSG TEMPLATE		
MESSAGE TEXT1 to 8	Standard message text input.	1 to 8
MY SYMBOL		
MY SYMBOL	My symbol setting.	ICON1 / ICON2 / ICON3
ICON1 to ICON3	My symbol setting.	ICON 1: /> (Car) ICON 2: /R (REC.Vehicle) ICON 3: /- (House QTH (VHF))
DIGI PATH		
PATH SELECT	Digital repeater route setting.	OFF / WIDE1-1 / WIDE1-1, WIDE2-1
APRS BEACON		
BEACON SET		
BEACON TYPE	Beacon automatic transmit / Manual transmit switch.	OFF / AUTO
INFO AMBIGUITY	Transmit beacon information settings.	OFF / 1dig / 2dig / 3dig / 4dig
INFO SPEED/COURSE	Transmit beacon information settings.	OFF / ON
INFO ALTITUDE	Transmit beacon information settings.	OFF / ON
POSITION COMMENT	Set position comment.	Off duty / En Route / In Service / Returning / Committed / Special / Priority / Custom 0 to Custom 6 / EMERGENCY!
AUTO BEACON		
	Beacon automatic transmission interval setting.	30sec - 5min - 60min
BEACON TEXT		
STATUS TEXT SELECT	Status text select.	OFF / TEXT1 to TEXT5
TX RATE	Set how frequent a status text is sent with a APRS beacon.	1/1 - 1/8
STATUS TEXT1 to 5	Entering status text.	-

Menu Function	Description	Selectable options (Bold letters: Default)
APRS FILTER		
LIST SETTING		
STATION LIST SORT	Sort function settings.	TIME (fix)
STATION LIST		
Mic-E	Filter function settings.	OFF / ON
POSITION		OFF / ON
WEATHER		OFF / ON
OBJECT		OFF / ON
ITEM		OFF / ON
STATUS		OFF / ON
OTHER		OFF / ON
ALTNET		OFF / ON
POPUP		
BEACON	Beacons Pop-up display time setting.	OFF / 3sec / 5sec / 10sec / HOLD
MESSAGE	Messages Pop-up display time setting.	OFF / 3sec / 5sec / 10sec / HOLD
RINGER		
TX BEACON	Set bell sound when beacons are received.	OFF / ON
RX BEACON		OFF / ON
TX MESSAGE		OFF / ON
RX MESSAGE		OFF / ON
MY PACKET		OFF / ON

YAESU

Radio for Professionals

Copyright 2025
YAESU MUSEN CO., LTD.
All rights reserved.

No portion of this manual may be
reproduced without the permission of
YAESU MUSEN CO., LTD.

YAESU MUSEN CO., LTD.

Omori Bellport Building D-3F
6-26-3 Minami-Oi, Shinagawa-ku, Tokyo, 140-0013, Japan

YAESU USA

6125 Phyllis Drive, Cypress, CA 90630, U.S.A.

YAESU UK

Unit 4, Concorde Park, Concorde Way, Segensworth North,
Fareham, Hampshire PO15 5FG, United Kingdom