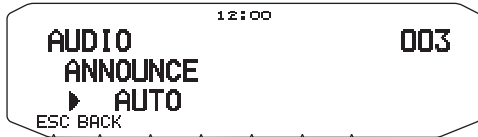# VGS-1 (OPTIONAL) OPERATION

When using the optional VGS-1 voice guide & storage unit, you gain access to the voice recorder and voice announcement functions. <The VGS-1 is sold depending upon area.>

VOICE ANNOUNCEMENTS

When changing modes, frequencies, settings, etc., an audio voice will announce the new information.

1 Enter Menu mode and access Menu 003.

```
            12:00
 AUDIO                      003
  ANNOUNCE
   ▶ AUTO
 ESC BACK
```

2 Set the announcement function to MANUAL, AUTO, or OFF.
   • Refer to the tables below for announcements based on settings.

MANUAL:
A microphone PF key must be programmed as **[VOICE]** to use MANUAL voice announcement.

Operation	Announcement
While in VFO mode	Press **[VOICE]**: Operating band frequency
While in MR mode	Press **[VOICE]**: "Channel" + Channel number + operating band frequency
While in Call mode	Press **[VOICE]**: "Call channel" + operating band frequency
While in Menu mode	Press **[VOICE]**: Menu number or setting value (some selections have no voice announcement)
Tone frequency setup	"Tone frequency" + frequency value
CTCSS frequency setup	"CTCSS frequency" + frequency value
DCS code setup	"DCS" + code value

AUTO:
Announcements are made automatically when changing a mode/frequency/setting.

Operation	Announcement
Press [VFO]	"VFO"
Press [MR]	"MR"
Press [CALL]	"Call"
Press [MENU]	"Menu" + menu number
Press [F]	"Function"
Press [PM]	"PM"
Press [ENT]	"Enter"
Change the operating band/ turn the power ON	"A"/"B" + "Channel" (for MR only) + "Call"/channel number + "Channel" (for CALL only) + operating band frequency + output power level
Change the frequency band	New receive frequency
Setting up the PM	Channel number/"Off"
Frequency direct entry	Entered key number
Memory Direct Entry mode	Channel number
Press [F], rotate Tuning control	On stored channel "Memory in" + channel number + frequency
Press [F], [M.IN] in VFO mode	On blank channel "Memory in" + channel number + "Blank"
Press [A/B] in VFO mode	"A"/"B" + frequency + output power level
Press [F] and then the Tuning control in VFO mode	"Menu" + "Mode" + The main Menu number corresponds to the first digit. (For example, "5" is Menu No. 5xx.)
Select Menu number in category	"Menu" + menu number
Select setting value in Menu mode	Setting value
Clearing a memory channel	"Memory"+ channel number + "Clear"
Perform a Full Reset	"Full reset?"
Perform a Partial Reset	"Partial reset?"
Perform a VFO Reset	"VFO reset?"
Perform a PM Reset	"PM reset?"

VGS-1

AUTO: Announcements are made automatically when changing a mode/frequency/setting.	
Operation	**Announcement**
Press [LOCK] (to turn the Lock function ON)	"Lock on"
Press [LOCK] (to turn the Lock function OFF)	"Lock off"
Tone frequency setup	"Tone frequency" + frequency value
CTCSS frequency setup	"CTCSS frequency" + frequency value
DCS code setup	"DCS" + code value
MHz step frequency setup	"MHz Step" + frequency value
10 MHz setup	"10" + "MHz setup" + frequency value
Output power setup	"TX Power" + power level
Receiving APRS message	Call sign + "Message" + APRS message

■ Voice Announcement Language

1 Enter Menu mode and access Menu 004.

```
        12:00
 AUDIO              004
   ANNOUNCE LANGUAGE
   ▶ ENGLISH
 ESC BACK
```

2 Set the language to ENGLISH or JAPANESE.

■ Voice Announcement Volume

1 Enter Menu mode and access Menu 005.

```
        12:00
 AUDIO              005
   ANNOUNCE VOLUME
   ▶LEVEL 5
 ESC BACK
```

2 Set the announcement volume level from 1 to 7.
   - To turn the volume OFF, turn the announcement function OFF.

■ Voice Announcement Speed

1 Enter Menu mode and access Menu 006.

```
        12:00
 AUDIO              006
   ANNOUNCE SPEED
   ▶SPEED 1
 ESC BACK
```
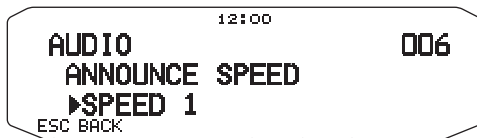
2 Set the announcement speed level from 0 to 4.
   - The speed settings are as follows:
      0: 0.85 times normal speed
      1: Normal speed
      2: 1.15 times normal speed
      3: 1.30 times normal speed
   4: 1.45 times normal speed

VOICE RECORDER

The voice recorder provides you with 3 VGS channels for recording voice memos, along with a single VGS channel for recording conversations. You can also prepare automated message responses to received calls.

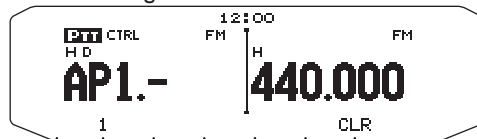Each recording can last for up to 30 seconds.

■ Voice Memos

To record a voice memo, for later playback:

1 Press the PF key programmed as **[VGS]**.

```
          12:00
 PTT CTRL     FM        FM
 HD               H
 144.000 440.000
     1    2    3
```
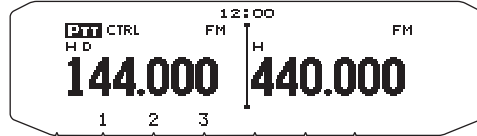
2 Press and hold the key for the VGS channel number you want to store the memo in: **[1]**, **[2]**, or **[3]**.
   - A beep will sound and the transceiver will enter Recording mode.

```
          12:00
 PTT CTRL     FM        FM
 HD               H
 AP1.-    440.000
     1              CLR
```

3 Press and hold the VGS channel number key again (the same key you pressed in the previous step), then speak into the microphone to record your memo.
   - Recording begins as soon as you press the VGS channel number key, and a timer appears on the display.
   - Pressing the microphone **PTT** switch at this time will transmit your message as well as record it. Do not press the microphone **PTT** switch if you do not want to transmit your message.

```
          12:00
 PTT CTRL     FM        FM
 HD               H
 AP1.15s 440.000
```
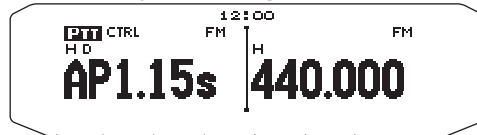
4 Release the VGS channel number key to end the recording at any time and store it into the selected VGS channel.
   - If the memory becomes full, recording will stop automatically and store the voice memo to memory.
   - "WRITING" appears on the display while the recording is being stored to memory.
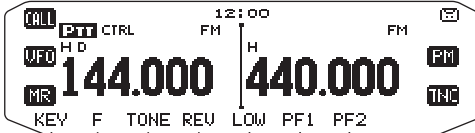
```
          12:00
 PTT CTRL     FM        FM
 HD               H
 WRITIN  440.000
```
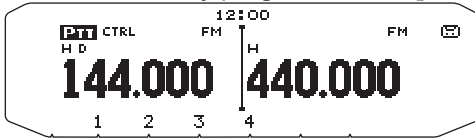
■ Conversation Recorder

To record a 30 second conversation:

1 Enter Menu mode and access Menu 009.

```
                    12:00
AUDIO                       009
   CONTINUOUS RECORDING
   ▶OFF
ESC BACK
```

2 Set the Conversation Recorder to ON (or OFF).

- The ⊠ icon appears on the display when this function is activated. The ⊠ icon does not appear during playback, in Repeater mode, or in Remote Control mode.

```
CALL   PTT CTRL        12:00              ⊠
VFO  H D          FM              FM
       144.000  440.000              PM
MR                                       TNC
KEY    F  TONE REV  LOW PF1 PF2
```

3 Press the PF key programmed as **[VGS]**.

```
     PTT CTRL        12:00
     H D        FM              FM      ⊠
     144.000  440.000
           1   2   3   4
```

4 Press **[4]** (**1s**) to store the conversation in VGS channel 4.

```
     PTT CTRL        12:00
     H D        FM              FM      ⊠
     WRITIN  440.000
```

■ Playback

1 Press the PF key programmed as **[VGS]**.

```
     PTT CTRL        12:00
     H D        FM              FM      ⊠
     144.000  440.000
           1   2   3   4
```
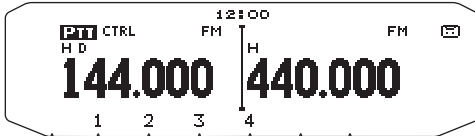
- You can transmit the recording by pressing the **[PTT]** switch. (Continue holding the **[PTT]** switch until the entire recording is transmitted.)

2 Press the key for the VGS channel number you want to play back: **[1]**, **[2]**, **[3]**, or **[4]** (when the Conversation Recorder is ON).

- The recording saved in the channel you selected is played back.

```
     PTT CTRL        12:00
     H D        FM              FM
     AP .1--  440.000
           1   2   3   4   CLR
```
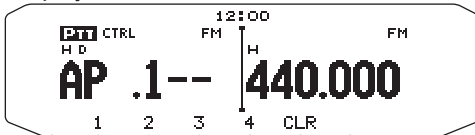
- To end playback at any time, press **[CLR]**.
- To exit, press **[VGS]** again.
- During playback, you can switch to any of recordings 1, 2, 3, or 4 by pressing the appropriate key.

■ Playback Repeat

You can set messages to be repeatedly played back.

1 Enter Menu mode and access Menu 007.

```
                    12:00
AUDIO                       007
   PLAYBACK REPEAT
   ▶OFF
ESC BACK
```

2 Set the the Playback Repeat function to ON or OFF.

■ Playback Repeat Interval

If the Playback Repeat function is activated, you can set a time interval for how often the memo/message is played back.

1 Enter Menu mode and access Menu 008.

```
                    12:00
AUDIO                       008
   PLAYBACK INTERVAL
   ▶10 s
ESC BACK
```

2 Set the interval from 0 to 60 seconds.