

AGC function control

The AGC (Automatic Gain Control) controls receiver gain to produce a constant audio output level, even when the received signal strength varies greatly.

◇ Selecting the AGC time constant preset value

The transceiver has 3 preset AGC settings for all modes except the FM mode. The time constants are FAST, MID and SLOW.

1. Select the operating mode.
(Example: SSB)
2. Push **FUNCTION**.
• Opens the FUNCTION screen.
3. Touch [AGC] to select the desired FAST, MID or SLOW time constant.
① For the FM mode, the FAST time constant is fixed.



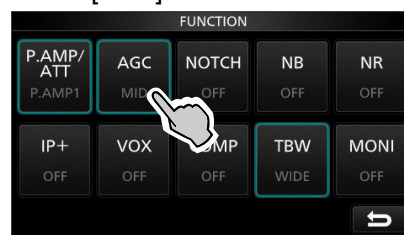
FUNCTION screen (SSB mode)

4. To close the FUNCTION screen, push **EXIT**.

◇ Setting the AGC time constant

You can set the preset AGC time constant to a desired value.

1. Select the operating mode.
(Example: SSB)
2. Push **FUNCTION**.
• Opens the FUNCTION screen.
3. Touch [AGC] for 1 second.



FUNCTION screen (SSB mode)

- Opens the AGC (SSB) screen.

4. Touch either FAST, MID or SLOW to select the desired AGC time constant.
(Example: MID)



AGC (SSB) screen (SSB mode)

You can reset to the default setting by touching this key for 1 second.

5. Rotate **MAIN DIAL** to set the time constant.
① The adjustable time constants are described in the table below.
6. To close the AGC (SSB) screen, push **EXIT**.

• Selectable AGC Time constant (unit: seconds)

Mode	Default	Adjustable time constant
SSB	0.3 (FAST)	OFF, 0.1, 0.2, 0.3, 0.5, 0.8, 1.2, 1.6, 2.0, 2.5, 3.0, 4.0, 5.0 or 6.0
	2.0 (MID)	
	6.0 (SLOW)	
CW/RTTY	0.1 (FAST)	OFF, 0.1, 0.2, 0.3, 0.5, 0.8, 1.2, 1.6, 2.0, 2.5, 3.0, 4.0, 5.0 or 6.0
	0.5 (MID)	
	1.2 (SLOW)	
AM	3.0 (FAST)	OFF, 0.3, 0.5, 0.8, 1.2, 1.6, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 7.0 or 8.0
	5.0 (MID)	
	7.0 (SLOW)	
FM	0.1 (FAST)	Fixed

NOTE: When you are receiving weak signals, and a strong signal is momentarily received, the AGC function quickly reduces the receiver gain. When that signal disappears, the transceiver may not receive the weak signal because of the AGC action. In that case, select FAST, or touch [AGC] for 1 second to open the AGC screen, and then select OFF the time constant setting.