

CIRCUIT DESCRIPTION

Extended Function 2

If the MIN key is held down and the power switched on, the extended function 2 menu is selected.

1) CW pitch

The pitch can be changed in 9 levels in 50Hz steps. The sidetone is not changed when the pitch is changed. The frequency is not changed endlessly.

The pitch can be set to the following frequencies. (Initial value: 800Hz)

400 ⇄ 450 ⇄ 500 ⇄ 550 ⇄ 600 ⇄ 650 ⇄ 700 ⇄ 750 ⇄ 800Hz

2) Extended function 2 menu

No.	Extended function 2 setting menu	Setting	Initial value
31	Built-in AT tune	ON/OFF	ON
32	Return to receive mode after AT tune	ON/OFF	ON
33	Main encoder rotation change	5/10kHz	10kHz
34	One step of click encoder	1/2/5/10kHz	10kHz
35	One step of click encoder in the AM BC band	9/10kHz	10kHz
36	One step of BAND UP/DOWN key	500/1000kHz	1000kHz
37	FSK shift width	170/200/425/850Hz	170Hz
38	Mark during FSK polarity keying	ON/OFF	ON
39	FSK tone	1275/2125Hz	2125Hz
40	CW pitch	400~800 (50Hz step)	800
41	RIT variable range	±1.1kHz/±2.2kHz	±1.1kHz
42	HELLO display when power is switched on.	ON/OFF	OFF

Adjustment Function**1) Adjustment mode**

If the AIP, XIT, and SCAN keys are held down and the power switched on, the adjustment mode is entered.

2) Menu number selection

Select the menu number with the click encoder. The menu number can be selected endlessly.

3) CLR key (adjustment menu mode)

Terminate the adjustment menu mode.

The adjustment menu mode is terminated only with the CLR key.

The adjustment menu mode is terminated when the power is switched off and on again.

For the signal-strength meter setting, when the UP key is pressed at point S9 and the full-scale point, a meter curve is automatically created according to the preset S0 point and signal-strength meter voltages at three points.

For the ALC meter setting, a meter curve is automatically created according to three points: ALC start, ALC ZONE MAX, and ALC full scale.

When adjustment ends, carry out #17 EEPROM write, and after the beep, carry out the next operation. If the operation is canceled in the middle, or the power is switched off, data is not written to the EEPROM.