

MODEL: FELCOM80/81/82

SUBJECT: Brother Fax machine Model 1270 parameter

1. Overview of operation

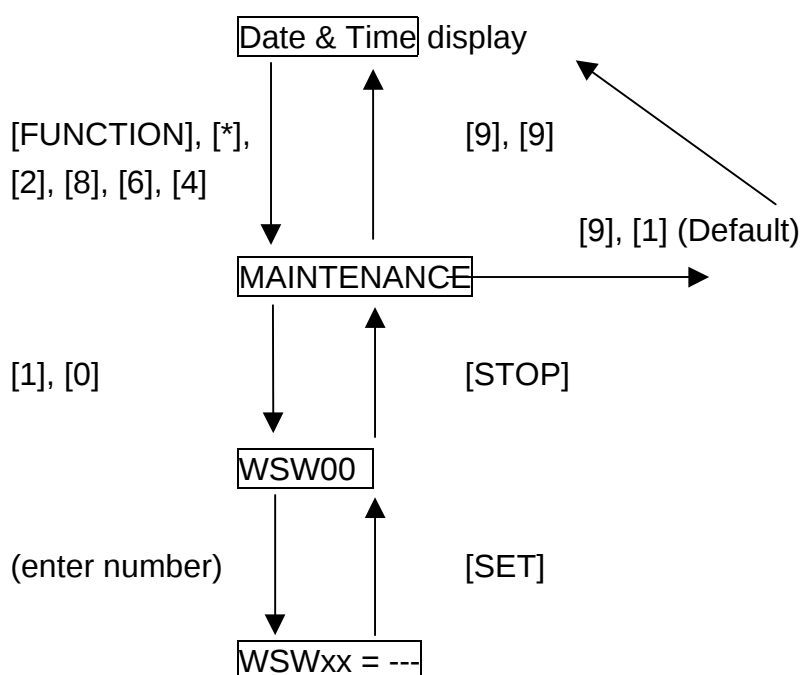
1.1 To go to MAINTENANCE screen, press [FUNCTION], [*], [2], [8], [6] and [4] Keys within 2 seconds. To go back to Time and Date display, press [9] and [9]. To restore the Default, press [9], [1].

1.2 To go to parameter setting mode (WSW00), press [1] and [0] keys.

To go back to MAINTENACE screen, press [STOP] key.

1.3 To change the parameter, enter parameter number xx (two digits) referring to section 2.

To store the parameter setting, press [SET] key and go to WSW00 Screen.



2. Parameter setting for use with Sat-B 9.6k Fax.

2.1 Set **TX ATT (WSW13, selector number 5 and 6) to 15 dB** instead of 10 dB. This level may be changed depending on the cable length between Fax and the communication unit.

2.2 Select **communication speed at start up (WSW19, selector number 1,2 and 3) to 9,600 bps** instead of 14,400 bps. The final speed after fall back is 2,400 bps and it should not be changed.

2.3 When the communication error rate is high, following parameter may be changed.

Number of Training signal transmission: Select 4 (times) instead of 2.

Training error rate detection: Select 2 % instead of 0 %.

ECM mode: Select OFF instead of ON.

2.4 Description of parameters

WSW13 TX (modem output level) ATT

Selector number	Function	default	recommendation
1		0	0
2		0	0
3		0	0
4		1	1
5	0: 0 dB 1: 8 dB	1	1
6	0: 0 dB 1: 4 dB	0	1
7	0: 0 dB 1: 2 dB	1	1
8	0: 0 dB 1: 1 dB	0	1
	(modem output level attenuation)	(10 dB)	(15 dB)

WSW 19 Communication speed

Selector number	Function	Default	Recommendation
1	No. 1 2 3 (Speed at start up)	1	0
2	No. 4 5 6 (End of fall back)	1	1
3	0 0 0 : 2400 bps	1	1
	0 0 1 : 4800 bps	(14400 bps)	(9600 bps)
4	0 1 0 : 7200 bps	0	0
5	0 1 1 : 9600 bps	0	0
6	1 0 0 : 12000 bps	0	0
	1 0 1 : 14400 bps	(2400 bps)	(2400 bps)
	1 1 0 : 14400 bps		
	1 1 1 : 14400 bps		
7		0	0
8		0	0

WSW 10 Number of training retry

Selector number	Function	Default	Recommendation
1		0	0
2		0	0
3		0	0
4		1	1
5	Number of training	0	1
6	signal transmission	1 (2 times)	1 (4 times)
7		1	1
8		1	1

WSW23 Limit of training error

Selector No.	Function	Default	Recommendation
1		0	0
2	Limit of training error	0	1
3		0 (0 %)	1 (2 %)
4		0	0
5		1	1
6		1	1
7		1	1
8		0	0

WSW22 ECM mode

Selector No.	Function	Default	Recommendation
1	ECM (TX)	0 (ON)	1 (OFF)
2	ECM (RX)	0 (ON)	1 (OFF)
3		0	
4		0	
5		0	
6		0	
7		0	
8		0	

(End of Bulletin)