

RT 955

1 Byte waveform format

Baud Rate	Parity	Valid data	Stop bit value	Handshaking	Data type
4800	n	8	1	none	string

1. RT955 -> PC

a. Display data

start	count	ID	type	data						chk
0xfe	0x12	0x20	0x20	flag1	...	flag5	char1	...	char11	xx

char1~11:
ASCII Characters

flag1:	flag2:	flag3:	flag4:	flag5:
bit7 Local	bit7 RT	bit7 LW	bit7 lv3	bit7 Stby
bit6 Auto	bit6 EON	bit6 MW	bit6 lv4	bit6 lv0
bit5 Memory	bit5 TP	bit5 FM	bit5 lv5	bit5 lv1
bit4 Preset	bit4 TA	bit4 Ant	bit4 lv6	bit4 lv2
bit3	bit3 AF	bit3 B	bit3 lv7	bit3
bit2	bit2 Stereo	bit2 A	bit2 lv8	bit2
bit1	bit1 Tuned	bit1 RBDS	bit1 lv9	bit1
bit0	bit0 Narrow	bit0 RDS	bit0 AM	bit0

b. Radio Text Data

1) Block1

0xfe	n	0x20	0x21	RT1	RT2	...	RTn-2	chk
------	---	------	------	-----	-----	-----	-------	-----

2) Block2

0xfe	n	0x20	0x22	RT1	RT2	...	RTn-2	chk
------	---	------	------	-----	-----	-----	-------	-----

3) Block3

0xfe	n	0x20	0x23	RT1	RT2	...	RTn-2	chk
------	---	------	------	-----	-----	-----	-------	-----

4) Block4

0xfe	n	0x20	0x24	RT1	RT2	...	RTn-2	chk
------	---	------	------	-----	-----	-----	-------	-----

5) End of RT

0xfe	0x2	0x20	0x25	chk
------	-----	------	------	-----

RT1~RTn-2:
ASCII Characters

2. PC -> RT955

start	count	type	key	chk
0xfe	0x03	0x10	xx	xx

<u>key:</u>		<u>key:</u>		<u>key:</u>	
0x00	4	0x10	PTY	0xf0	down
0x01	3	0x11	TA	0xf1	up
0x02	2	0x12	TP	0xff	refresh
0x03	1	0x13			
0x04	9	0x14	antenna att		
0x05	8	0x15	display		
0x06	7	0x16	AF		
0x07	6	0x17	freq. direct		
0x08	pscan	0x18	antenna		
0x09	tune/preset	0x19	fm if narrow		
0x0a	auto	0x1a	mono / stereo		
0x0b	memory	0x1b	stby		
0x0c	band	0x1c			
0x0d	0	0x1d			
0x0e	5	0x1e			
0x0f	label	0x1f			