

## RC1082

### 1 Byte waveform format

Baud Rate	Parity	Valid data	Stop bit value	Handshaking	Data type
19200	n	8	1	none	string

### 1. RC1082 -> PC

#### Display data

Start	Count	ID	Type	Data0 - Data20 (21 byte)	Chk
0xfe	0x17	0x06	0x20	display data (ascii characters)	xx

### 2. PC -> RC1082

Start	Count	ID	Type	Key	Chk
0xfe	0x03	0x06	0x10	xx	xx

key:

0x00	Power On/Off Toggle
0x01	Power Off
0x02	Power On
0x03	Listen Phono
0x04	Listen CD
0x05	Listen Tuner
0x06	Listen Aux1
0x07	Listen Aux2
0x08	Listen Aux3
0x09	Listen Tape1
0x0a	Listen Tape2
0x0b	Record Phono
0x0c	Record CD
0x0d	Record Tuner
0x0e	Record Aux1
0x0f	Record Aux2

key:

0x10	Record Aux3
0x11	Record Tape1
0x12	Record Off
0x13	Volume Up
0x14	Volume Down
0x15	Mute On/Off
0x16	
0x17	
0x18	
0x19	
0x1a	Record Function Select (rmc 0x1a)
0x1b	
0x1c	
0x1d	
0x1e	
0x1f	
0x20	
0x21	

## RC 1082 RS232 Controller Command List

**Table: RC 1082 Waveform format expected:**

Baud Rate	Parity	Valid Data Bits	Stop Bit Value	Handshaking	Data Type
19200	N	8	1	None	String

**Table: RC 1082 expected format of a request by RS232 controller:**

Start	Count	Device ID	Type	Key	Checksum
0xFE	0x03	0x06	0x10	0xXX	0xXX

### **Table 1: Command List**

NOTE: The values in the table below show the exact byte sequence of all requests. The device will expect the bytes only - no spaces, no delimiter, etc. The controlling device may implement its own method to download each command sequence. The numerical values in the first column are Hexadecimal.

RC 1082 HEX	Command	Command Description
FE 03 06 10 00 19	Power	Power Toggle
FE 03 06 10 01 1A	Power Off	Power Off
FE 03 06 10 02 1B	Power On	Power On
FE 03 06 10 03 1C	Phono	Listen Phono
FE 03 06 10 04 1D	CD	Listen CD
FE 03 06 10 05 1E	Tuner	Listen Tuner
FE 03 06 10 06 1F	Aux 1	Listen Aux 1
FE 03 06 10 07 20	Aux 2	Listen Aux 2
FE 03 06 10 08 21	Aux 3	Listen Aux 3
FE 03 06 10 09 22	Tape 1	Listen Tape 1
FE 03 06 10 0A 23	Tape 2	Listen Tape 2
FE 03 06 10 0B 24	Record Phono	Record Phono
FE 03 06 10 0C 25	Record CD	Record CD
FE 03 06 10 0D 26	Record Tuner	Record Tuner
FE 03 06 10 0E 27	Record Aux 1	Record Aux 1
FE 03 06 10 0F 28	Record Aux 2	Record Aux 2
FE 03 06 10 10 29	Record Aux 3	Record Aux 3
FE 03 06 10 11 2A	Record Tape 1	Record Tape 1
FE 03 06 10 12 2B	Record Off	Record Off
FE 03 06 10 13 2C	Vol+	Volume Up
FE 03 06 10 14 2D	Vol-	Volume Down
FE 03 06 10 15 2E	Mute	Mute Toggle
FE 03 06 10 1A 33	Record Function	Record Function Select