

Appendix 3 – RS232

The 518 may be operated via its RS232 interface.

Set the communication settings as follows:

- Baud rate 9600
- Data bits 8
- Stop bit 1
- Parity none

The 518 is operated by sending short command strings on the RS232 interface. Each command is terminated by a <return> (dec. 13). No echo is implemented. Any subsequent <return> on its own repeats the last command.

518 returns useful strings acknowledging the command and giving status information.

Handset Functions

The following commands emulate the MSR remote control keys.

Sources send one of: CD, RD, LP, TV, T1, T2, CR, CB, TX, V1, V2, LD

Numbers send one of: N1, N2, N3, N4, N5, N6, N7, N8, N9, N0, DP (decimal point)

Menus send one of: ML, MR, MP, MM (for w, e, n, s.)

Source send one of: PR (previous), PL (play), NE (next), PS (pause), FB (fast back), ST (stop), FF (fast forward), RC (record), RP (repeat)

Memory: SR (store), CL (clear)

Status: DI (display), SB (standby)

Volume: VP (up), VM (down), MU (mute)

GoTo Functions

There are direct access functions that use two-character codes that may be followed by additional numbers or parameters.

VN##	Goto volume number
GN±##	Goto gain number
BP	Goto DSP Bypass
GA	Goto DSP Gain
EM	Goto DSP Emphasis
DE	Goto DSP De-emphasis
DT#	Goto dither # (0=flat, 1= HP,6=ShapeE)
IN##	Goto input bits ##
OU##C	Goto output bits ## (Consumer format)
OU##P	Goto output bits ## (Professional format)