If the RCS11 is connected to a terminal upon power up you should receive the following text:

```
RCS11 1:1 Redundancy Switch
Copyright (c) 1996, 1997
Radyne Corporation
```

At the terminal screen you will receive a prompt: >_

Typing “help” and pressing <Enter> will cause the RCS11 to output a list of queries and commands

```
>help

ADDR[<=nn>|<?>]
BAUD[<=nn>|<?>]
DELAYDF[<nnnn>|<?>]
DELAYDN[<nnnn>|<?>]
DELAYMF[<nnnn>|<?>]
DELAYMN[<nnnn>|<?>]
DMD[<=A>|<=B>|<?>]
HELP
MOD[<=A>|<=B>|<?>]
MODE[<=AUTO>|<=MANUAL>|<?>]
STATUS
VER
>
```

Typing a command followed by a question mark will cause the RCS11 to output its current setting

```
>addr?
ADDR=32
>
>baud?
BAUD=9600
>
>delaydf?
DELAYDF=50
>
>delaydn?
DELAYDN=50
>
>delaymf?
DELAYMF=2
>
>delaymn?
DELAYMN=2
>
>dmd?
DMD=A
>
>mod?
MOD=A
>
>mode?
MODE=MANUAL
>
```

Typing a command without additional parameters or miss spelling of the command will return an error message

```
>baud
Error: BAD ARGUMENT
>
>staus
Error: BAD COMMAND
>
```

Queries Help, Status and Ver are typed without addition parameters

```
>status

STATUS REPORT

 OPERATING MODE
  MOD=A    DMD=A    MODE=MANUAL

 COMMUNICATION
  BAUD RATE=9600  REMOTE ADDR= 32 <0x20>

 SWITCH SETTINGS
  CONFIG1=0xff    CONFIG2=0xfe    ADDRBAUD=0xff

 DELAYS
  DELAYMF=2
  DELAYMN=2
  DELAYDF=50
  DELAYDN=50

>
>ver


RCS11 1:1 Redundancy Switch
Copyright (c) 1996, 1997  Radyne Corporation
Firmware: fw03458-E    Release Date: 102797    Version: 01.05

>
```

The commands ADDR=nn and BAUD=nn are dependent on internal dip switches being set to Soft. If the dip switches are not set to soft the following error will occur:

```
>baud=4800
Error: BAUD RATE IS HARD CONFIGURED
>
>addr=55
Error: REMOTE ADDRESS IS HARD CONFIGURED
>
```

When a command is issued with valid parameters it will be followed by the command prompt (no error message)

```
>delaydf=5
>
>mod=a
>
```

```
>dmd=b
>
```

DELAYDF = demod fault delay. The value is amount of ticks that will occur before the RCS11 considers a demod fault a true fault. A tick is equal to 20m seconds.
DELAYDN = demod non-fault delay. The value is the amount of ticks that will occur before the RCS11 considers a demod as not faulted. If a demod faults and recovers before the demod fault delay then the RCS11 will start counting for the demod non fault delay.
DELAYMF = mod fault delay. The value is amount of ticks that will occur before the RCS11 considers a mod fault a true fault.
DELAYMN = mod non-fault delay. The value is the amount of ticks that will occur before the RCS11 considers a mod as not faulted. If a mod faults and recovers before the mod fault delay then the RCS11 will start counting for the mod non fault delay.
DMD = demod. The value is the online unit. If you want to perform a manual backup of demod A then you would enter "dmd=b". This will cause the RCS11 to put demod B on line.
MOD = mod. The value is the online unit. If you want to perform a manual backup of mod A then you would enter "mod=b". This will cause the RCS11 to put mod B on line.
MODE = switching mode. Entering the command "mode=auto" will set the RCS11 to auto switching mode.