Radio Rack

Command List

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Command Line for Connection through Telnet Session or RS-232 Serial Connection

In addition to the remote control software, users can use telnet session or serial connection through RS-232 to control the Radio Rack remotely.

To use telnet session, please use telnet <remote IP address> : <port number> to connect to Radio Rack

1. **Reading attenuation values**

   ATT<CR><LF>

   <CR>=Carriage return

   <LF>=Line feed

   Examples:

   Send: ATT<CR><LF>

   Return: ATT 1 110;ATT 2 110;ATT 3 110;ATT 4 110<CR><LF>

2. **Setting attention value for single channel**

ATT(space)x(space)y<CR><LF>

x=Channel number

y= attenuation value

<CR>=Carriage return

<LF>=Line feed

Example:

Send: ATT 15 56<CR><LF>

Return: ATT 15 56<CR><LF>

3. **Setting attenuation values for multi-channels individually**

ATT(space)x(space)y(;)x(space)y(;)x(space)y(;)……x(space)y<CR><LF>

Examples:

Send: ATT 15 56;1 11;3 34;4 56<CR><LF>

Return: ATT 15 56;ATT 1 11;ATT 3 34;ATT 4 56<CR><LF>

x=Channel number

y= attenuation value

<CR>=Carriage return

<LF>=Line feed

Attention: <CR>=Carriage return (0D hex) <LF>=Line feed (0A hex)

4. Setting Single Sweep Function

SWP(space)x(space)y(space)z(space)s(space)i(space)r

<CR><LF>

x=Channel number

y=Begin attenuation value

z=Stop attenuation value

s=Step attenuation value

i=Interval time

r=reverse time

<CR>=Carriage return

<LF>=Line feed Example:

Send: SWP 1 0 110 1 1000 1<CR><LF>

Return: SWP 1 0 1 0 110 1 1000 1<CR><LF>

5 STOP SWP or SW Function

STOP<CR><LF> or STOP x<CR><LF>

x=Channel Numbers