

# NAM4 Attenuator Unit

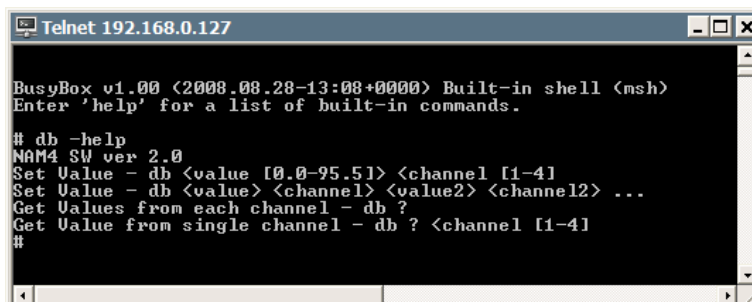
## Change Attenuation via Telnet:

First a connection from a terminal program on a PC has to be established to a NAM4-Unit resp. the IP-Adress of this unit.

For Telnet, Port 23 between the PC and NAM4 has to be open. If a firewall is used, it has to be set this way. To connect NAM4 in the whole net, a valid default gateway has to be set in the NAM4-Unit.

With the command „db“ the attenuation of one or several channels can be set. A list of all possible functions, related to the „db“-command can be displayed by typing „db“ without parameters or „db -help“.

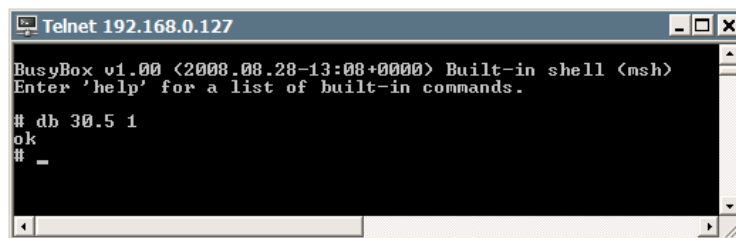
The following syntax can be used:



```
Telnet 192.168.0.127
BusyBox v1.00 (2008.08.28-13:08+0000) Built-in shell (msh)
Enter 'help' for a list of built-in commands.

# db -help
NAM4 SW ver 2.0
Set Value - db <value [0.0-95.5]> <channel [1-4]>
Set Value - db <value> <channel> <value2> <channel2> ...
Get Values from each channel - db ?
Get Value from single channel - db ? <channel [1-4]>
#
```

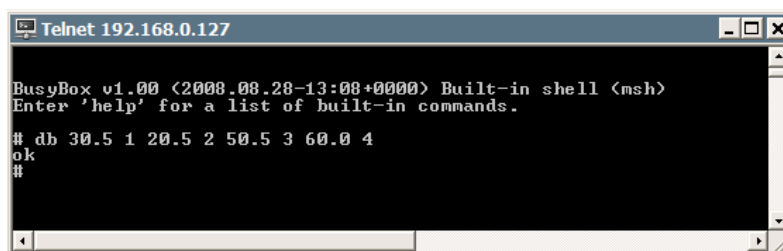
Here is an example to change the attenuation of channel 1 to 30.5dB:



```
Telnet 192.168.0.127
BusyBox v1.00 (2008.08.28-13:08+0000) Built-in shell (msh)
Enter 'help' for a list of built-in commands.

# db 30.5 1
ok
# _
```

Here is an example to change the attenuation of several channels simultaneously:

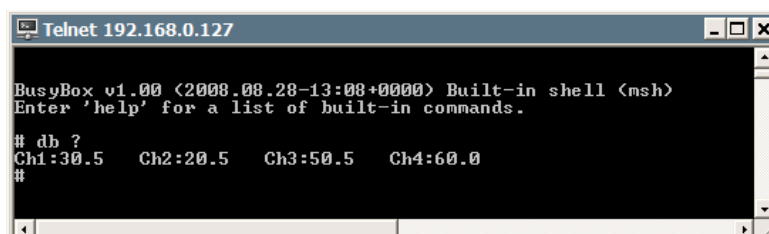


```
Telnet 192.168.0.127
BusyBox v1.00 (2008.08.28-13:08+0000) Built-in shell (msh)
Enter 'help' for a list of built-in commands.

# db 30.5 1 20.5 2 50.5 3 60.0 4
ok
#
```

To display (read back) one or several set db-values, the „db“-command can be used with the parameter „?“.

Here is an example to read first one value and then all values:



```
Telnet 192.168.0.127
BusyBox v1.00 (2008.08.28-13:08+0000) Built-in shell (msh)
Enter 'help' for a list of built-in commands.

# db ?
Ch1:30.5 Ch2:20.5 Ch3:50.5 Ch4:60.0
#
```