## How to -> Terminal commands over serial

This document just gives brief starter information on getting up and running using a terminal program. Note that using RS232, it may be better to set to board rate at 57600 which should be changed on the niji using the XML upload facility.

Set up the unit as usual with a usb or serial cable. This example uses Termite. Set up the correct COM port to 115200. The rest of the port configurations are standard. Please see below.

Serial port settings				
Port configuration Port COM6 ∨			Transmitted text  Append nothing	Options Stay on top
Baud rate Data bits	115200 8	~	<ul> <li>○ Append <u>CR</u></li> <li>○ Append <u>LF</u></li> <li>● Append <u>CR</u>-LF</li> </ul>	☑ Quit on Escape     ☑ Autocomplete edit line     ☑ Keep history
Stop bits	1	~	Local echo  Received text	Close port when inactive
P <u>a</u> rity	none	~	Polling 100 ms	Auto Reply
Flow control	RTS/CTS	~	Font default ∨	Function Keys Hex View
F <u>o</u> rward	none	~	<u>W</u> ord wrap	Highlight
User interface language			English (en)	Cancel OK

To set a channel level, in this example Channel 2 is being set to 60%:

d,2,60

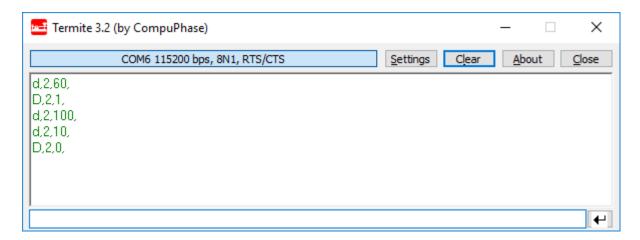
<Command>, <Channel Select (1-7)>, <Channel Level (0-100)>

At this point the channel will still be off. We need to set the channel to ON.

To set the channel either on or off, in this example Channel 2 is being set to ON.

D,2,1

<Command>, <Channel Select (1-7)>, <Channel On/Off (1 or 0)>



Once a channel has been set on using the "D,<n>,<n>" command, channel on off could be set using channel level = 0 or channel = off.