XT

Input voltage detection
On boot, the board senses what kind of battery it
is connected to (2S/3S/4S) and notifies the user as follows:
Cells LED blinks VM displays
2S 2 2.0V (+-0.1)
3S 3 3.0V (+-0.1)
4S 4 4.0V (+-0.1)
*Always make sure the correct number of cells is
detected.

Adjusting the output voltage
The output voltage can be adjusted via potentiometer or
up/down switches. The V3 is always in regulated mode, so
there's no need to lock the output, but you can lock it if
you like.

Lock the Voltage output:
To lock the output, make sure the mod
is unlocked and click the re switch 3 times. The
user is notied with 3 blinks of the LED/VM. To
unlock, follow the same procedure.

Locking the mod
To lock/unlock the mod, click the re switch 4 times. The user
is notified by the LED/VM blinking 4 times.

Checking battery voltages
To check battery voltages, lock the mod and press and main-
tain the fire switch to get the Unloaded Voltage

Empty battery cutoff
Lithium batteries should not be drained below a
certain level. Once it has been reached, the board will blink
quickly and refuse to do anything else until batteries have
been removed.
Although the board has a low idle drain (<1mA) we recom-
mend to remove the batteries to avoid forgetting them
in the mod for long periods of time.

Pot calibration/conguration
When using a potentiometer for up/down, we have
the ability to calibrate pot min/max as well as the
maximum output voltage.

To manage these set tings, click the re switch 10 times,
then configure
the pot settings as follows:

• 1 click = sets pot min (turn the pot to 0%
before)
• 2 clicks = sets pot max (turn the pot to 100%
before)
• 3 clicks = sets Vmax (output voltage when pot
is at 100%)
• 3 clicks, hold last for 3s = resets Vmax to bat-
tery max (default)

The VM displays the new setting after each set-
ting. It's possible to adjust these as many times as
needed.
Click the re switch 4 times to exit.

Factory reset
To reset to factory settings, click the re switch 12
times.