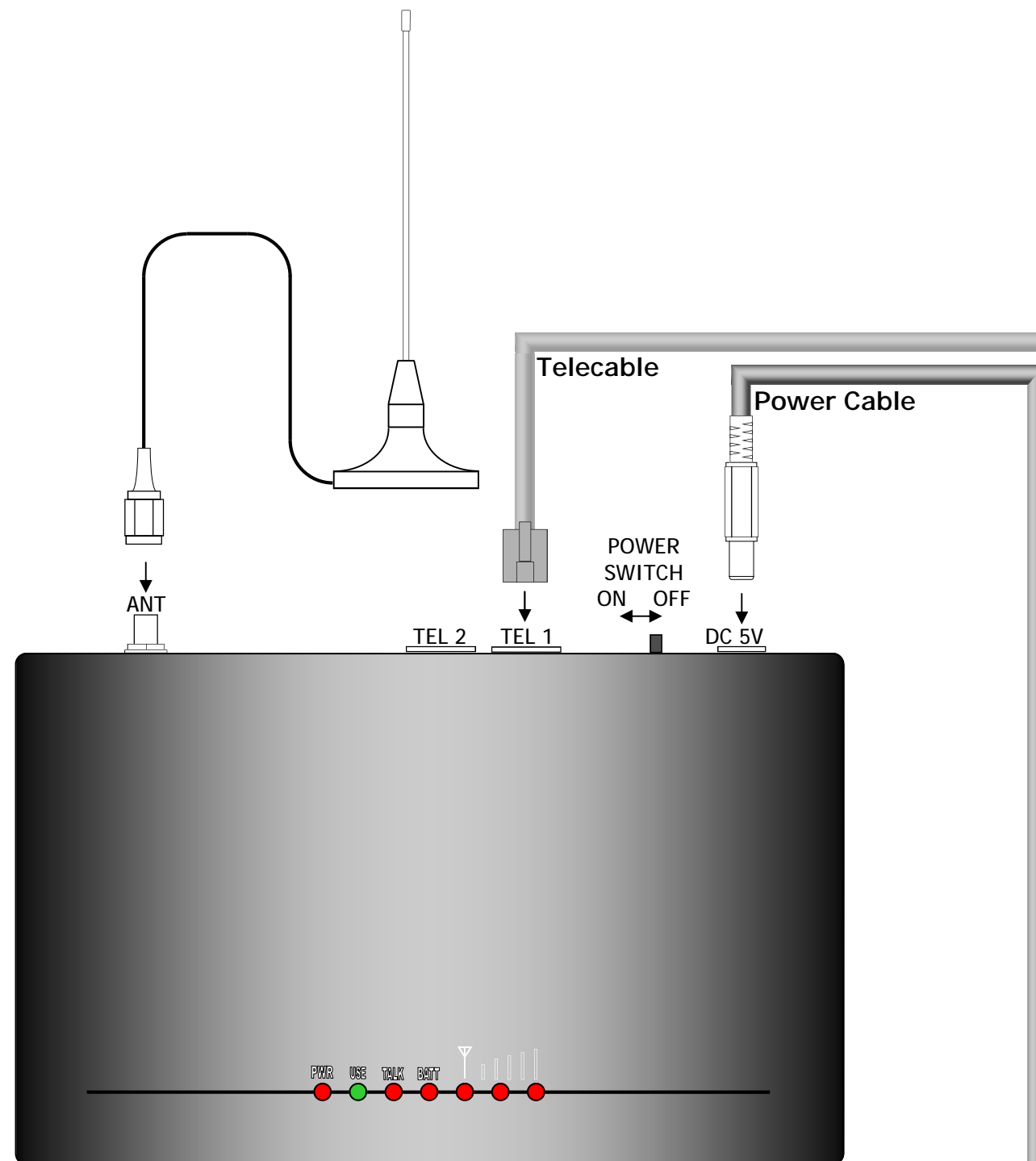


FWT 3G/4G

4G/3G/2G CELLULAR UNIT

You will need a Spark, Vodafone or 2Degrees SIM card for installation.

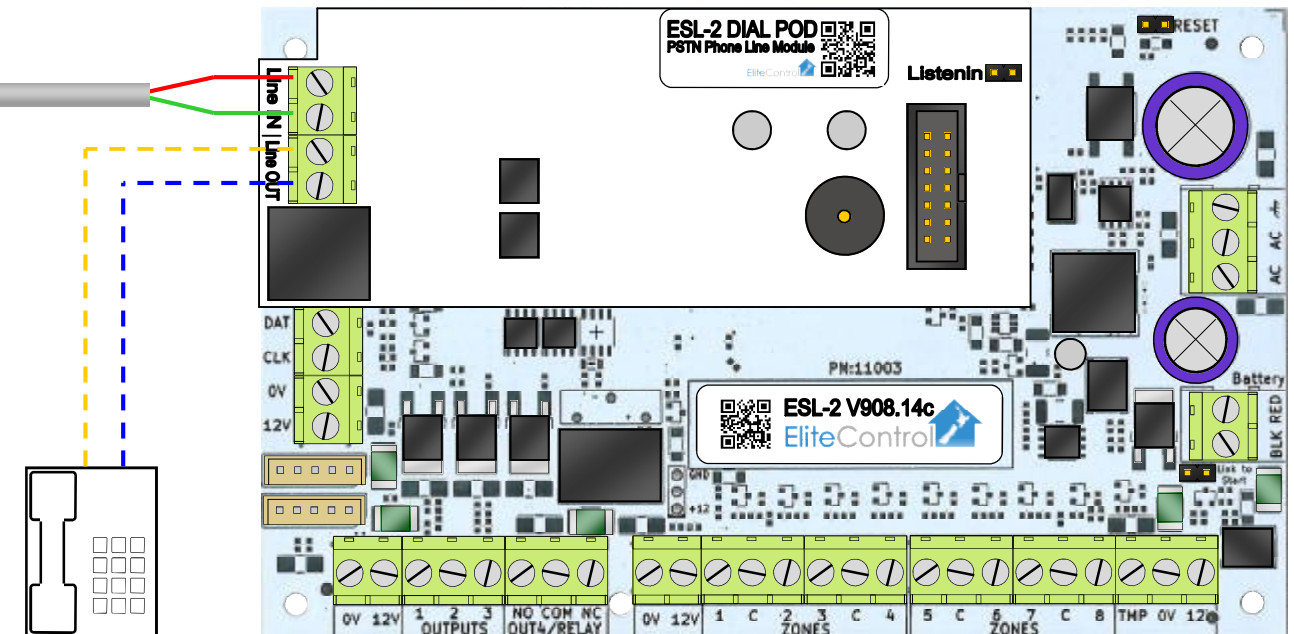
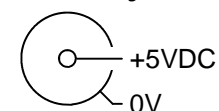


LED Indication:

PWR	On = Power is On Off = Power is Off
USE	On = Line looped Flashing = Incoming call
TALK	On = Call has be accepted
BATT	On = Battery is good Off = Battery is low

POWER SPECIFICATIONS:

Voltage
5VDC
Current
Max. draw 300mA
Standby 100mA



TELEPHONE:

The line out terminals can still have standard PSTN touch tone telephones connected into it.
Warning: Any calls made using this telephone will incur usual cellphone calling rates, charged to the SIM card in the WT1020.

SETUP

1. Insert your SIM card into the SIM hold behind the cover, on the back of the 4G FWT.
Please ensure the SIM card has:
A, been activated. This is done by putting the SIM card in a cellphone and going through the commands.
B, unlocked and password turned off. This is also done using a cellphone, through it's menu.
C, credit. Each call made from the Panel will incur usual cellphone calling rates.
Please note a Data only SIM card will not work.
If your having trouble activating the SIM card ask your Cellular provider to help.
2. Wire the white Telecable into the 'Line In' terminal of the alarm panel.
Then plug the other end into one of the RJ-11 sockets on the 4G FWT.
3. Plug power pack into DC input socket on 4G FWT and NZ 230V switched main outlet.
Then turn power On, from mains outlet and power switch on 4G FWT.
4. Power the alarm panel up, now it's time to program.
For programming instructions please follow the panels programming manual.

Technical Specifications:

Cellular Module: Quectel EC25-AU

4G Cellular Bands: B1/B2/B3/B4/B5/B7/B8/B28/B40

3G Cellular Bands: B1/B2/B5/B8

2G Cellular Bands: GSM850/900/1800/1900Mhz

Dimensions: 170 x 118 x 30mm

Power Supply: 5VDC, 300mA Max.

Phone Outlets: 2 x RJ11

Antenna connector: SMA Female

Advance Programming:

Programming is done with a dial up phone connected to one of the RJ11 phone jacks of the FWT unit.

Lift the hand set and key in the codes below:

1. Restore to Factory default
*#99#99# (this will clear any advance programming changes)
2. Adjust Earphone Volume
*#02#(1-16)# (1=min, 16=max, 15=default)
3. Adjust Microphone Volume
*#03#(1-16)# (1=min, 16=max, 10=default)
4. Set Local Area Code
*#04#(area code)# (area code can be up to 5 digits long)



Arrowhead Alarm Products Ltd

344b Rosedale Rd,
Albany,
Auckland.
Ph. 09 414 0085
www.aap.co.nz
V1.01