

MAXON CDMA MODEM SETUP

The Maxon Modems needs to be configured to work with the TB8000 Base Station

The settings that must be setup are

Baud rate needs to be set to 115200 baud.
Auto Answer needs to be set to 2 Rings
Asynchronous, Data for all Calls.
Dial Up Modem equivalent.

Start up a terminal application and configure this for Com 1, 115200, 8, N, 1 operation.

Connect the Maxon MM-5100 modem to the PC via comm 1 and apply power to modem as well.

Once the modem is powered up the **“\$\$Telecom NZ”** should appear in the terminal window. This indicates what network CDMA modem is on.

1. Type “AT” and check for **OK** response.
2. Setting the Baud Rate
Type **“AT+IPR=115200”** this will set the baud rate to 115200 baud.
To check the baud rate setting type **“AT+IPR?”**.
The modem will respond with **“+IPR:115200”**.
This mean that the baud rate is now set to 115200 baud.
3. Setting Auto Answer:
Type **“ATS0=2”** this will set the Auto answer to 2 rings.
To check the auto answer setting type **“ATS0?”**
The modem will respond with **“002”**
This means that the Auto Answer time is set to 2 rings.
4. Setting the Modem for data calls only.
Type **“AT \$QCVAD=4”** this will set modem for data call only.
To check the data call only setting type **“AT \$QCVAD?”**
The modem will respond with **“\$QCVAD: 4”**
This means that modem will only except data calls.

5. Setting the modem Dial Up operation

Type **"AT+CRM=0"** this will set modem up dial up operation only.

To check the data call only setting type **"AT+CRM?"**

The modem will respond with **"+CRM: 0"**

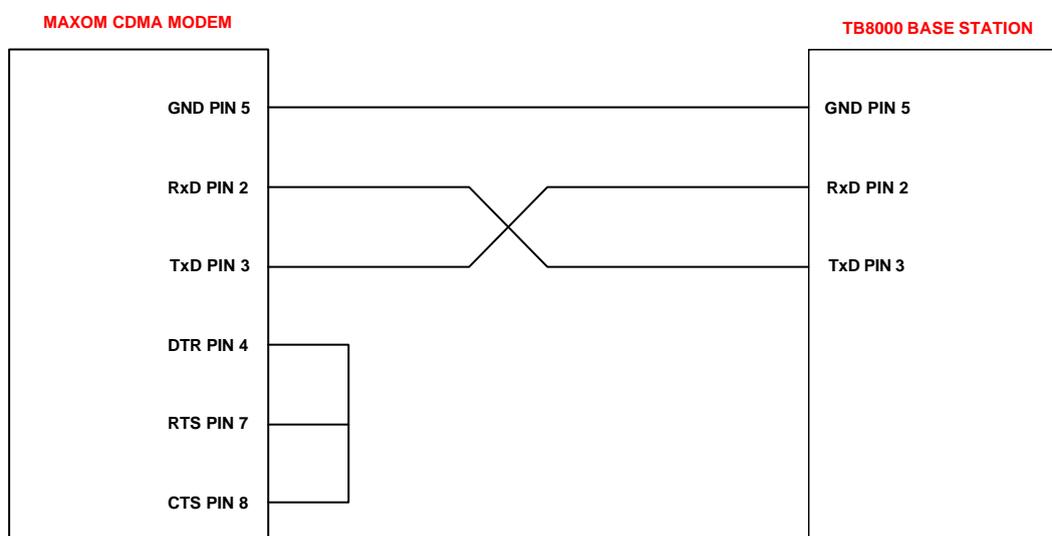
This means that modem will only work dial up modems.

6. Saving all the above the settings.

Type **"AT&W1&F1"** this will force the modem to save all the above settings when the power is cycle or modem resets.

The Maxon modem is now successfully configure to operate with the TB8000 base station.

INTERCONNECT LEAD BETWEEN TB8000 AND MAXON MODEM



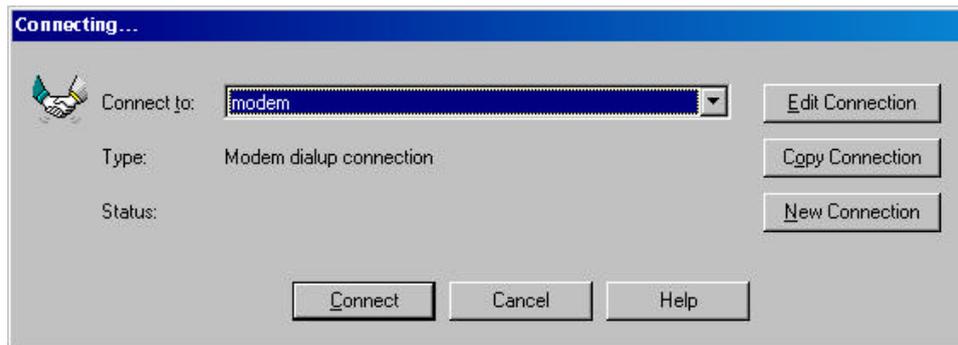
TB80000 DAILUP MODEM SETUP

- Typically a landline Modem will be connected to PC that will be used to Monitor remote TB8000 Base Station.

- Ensure that a Dial Up Modem is installed on PC.

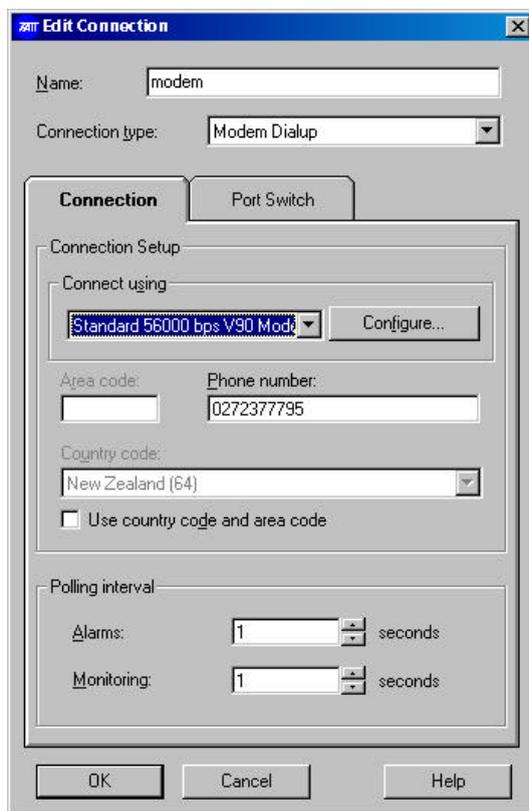
- Start the TB8000 Service Kit Software and select connect.

The pop window below will appear on the screen.

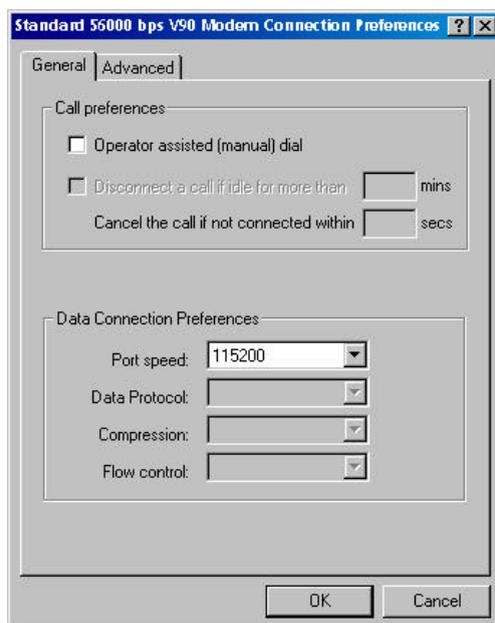


To configure the modem connection select edit connection.
Edit connection screen will appear as per below example.

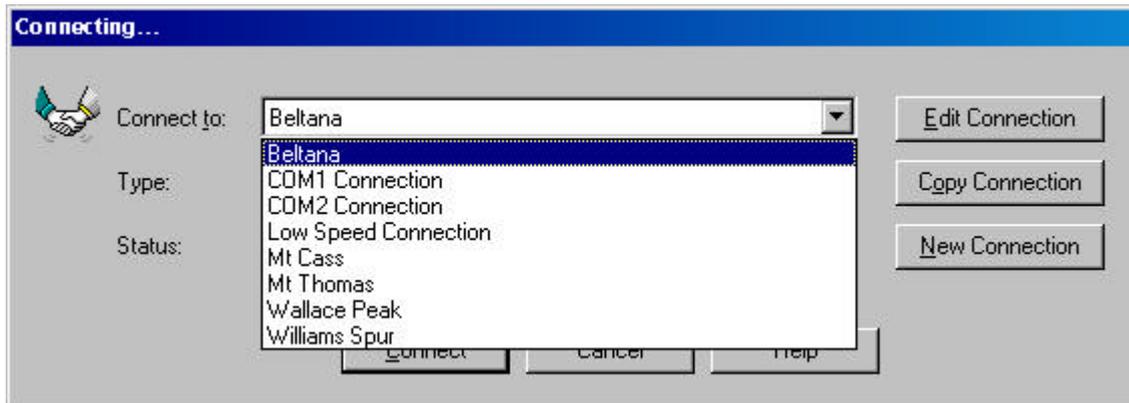
- Set the Name of connection to site that is being monitored e.g. MT Thomas.
- Set the phone to phone of the modem that will be used at the site e.g. 0272377795. Note if an outside is required change this 1,027237795, where 1 is outside line number.
- Set the Polling Interval for the alarms and monitor to 1 second.



To configure the modem baud rate select configure and the port speed to 115200.
See below example then select OK.

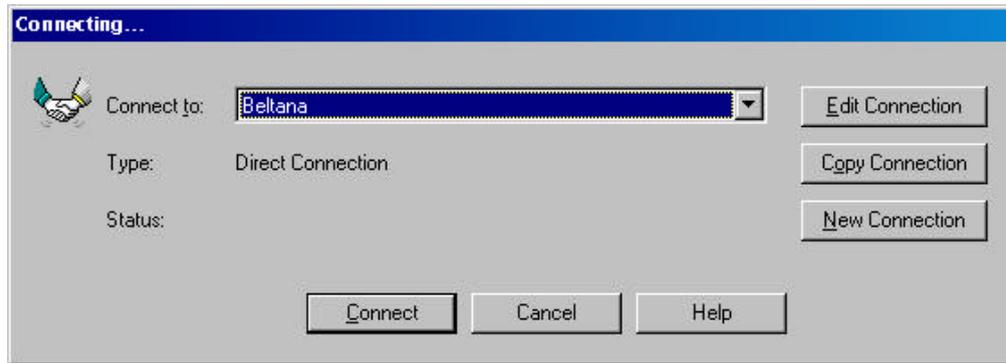


The TB8000 Service can retain multiple different connections so if multiple sites are monitored, setup new connections and label these with appropriate site name.
E.g. Beltana, Mt Cass, Mt Thomas, Wallace Peak, Wallace Peak and Williams Spur.



HOW TO DAILUP REMOTE SITE

Start up the TB8000 Service Kit application and select connect.



Select the site that you want to connect to e.g. Mt Thomas and select connect.

Wait for connection to be established with remote base station.

If you require any clarification or further information please contact the National Support Centre on 0800 MOBILE (0800 662453).

TaitNet Support Services

Tait Communications Ltd

540 Wairakei Road, PO Box 1185,
Christchurch, New Zealand.

Phone: 0800 662 453

Fax: 03 3582 029

email: helpdesk@tcl.tait.co.nz

Website: <http://support.taitworld.com>

Issued by:

Brent Painter

Customer Service Engineer

Distribute to:

Technical Staff, Sales etc.

