



**Frequently Asked Questions  
# 19  
26 August, 2004**

| Model  | Question   | Solution   |
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| TM8000 | How do I connect an external speaker.  | An external speaker may be connected through the two spare holes in the power plug. Pins may be ordered using the part number 318-00001-00 (2 required). The internal speaker may be disconnected if required. There is a small plug/socket within the control head for this purpose.  |
| TM8100 | The mute opens on a low level signal and I would like to back it off a bit. How can I do this? | There is a degree of adjustment available within the calibration software. Follow the normal CAL procedure but where it asks for a 12db SINAD, read this as a higher figure. A SINAD of 14-15db seems to be a good value in tests we carried out, however you may be able to choose a value between 12 and 16. The exact figure will depend upon the software and the readings it gets from the radio.   |
| TM8100 | I cannot communicate with my data radio, and therefore cannot program it.                      | <p>The cause of the problem is probably that the DATA port is set up to be the microphone socket, which is fine. However, if the data rate is set to a speed other than 19200, the radio, on boot up, changes from it's default speed (19200) to the programmed speed.</p> <p>Because the programming software talks at 19200 through the mic port, it can no longer communicate with the radio.</p> <p>To get around this, click on read/or write in the software and then switch on the radio. The radio then sees the programming software talking at 19200 before it has a chance to change from the default speed of 19200 to 4800 and the software gains control of the radio.</p> |