



TECHNICAL NOTE TN-957-SR

TM8200 Mobile Radio Firmware v1.01

21 December 2004

Applicability

This Technical Note details the features and functionality of the TM8200 first commercial release.

1. Introduction

First Release Information

The First Release of the PC Application for the TM8200 is version 1.02. The latest TM8000 Calibration Application is version 2.71. This Application is common across the TM8000 range.

The first commercial release of the TM8200 with Firmware v1.01 has the functionality that the TM8100 had at its Firmware release v2.00. See TN-857-SR.

The first radios to be shipped are Conventional Only, and are badged as the **TM8250**.

If a keypad microphone TMAA02-08 is fitted or removed from the TM8200 microphone port the radio will need to be power cycled as the radio will only recognise the microphone is there or not during a start-up sequence.

2. Information

First Production Serial Numbers

From serial number **19029177** all TM8200 radios built have Firmware v1.01.

Upgrading TM8200 radios

NOTE: Do not upgrade Demo or Field Trial radios past v1.01.00.06 unless the factory has reprogrammed the radio's OTP first.

To upgrade existing TM8200 Firmware to v1.01:

- Upgrade the Calibration and TM8200 PC Applications to the latest versions.
These are:
 - PC Application v1.02.00.01
 - Calibration Application v2.71.00.09
- Read and save the radio's personality (.m82p)
- Read and save the radio's calibration (.m8c)

In the PC application:

- Click on *Tools > Download > Report Configuration* to verify the current Firmware version
- Click *Download* and the Application will open browse box for the saved location of the seven (7) [.Srec] Firmware files that were downloaded as QMA2Fstd_01_01_00_09.S2.
- Click *Open* to continue and the TM8200 will display "(i) Programming Mode" and download the seven [.Srec] files.
- The display will be blank except for backlighting during the upgrade process.

Once the Firmware download is complete the radio display will return to "(i) Programming Mode".

- Reprogram the saved personality back to the radio
- Reprogram the saved calibration back to the radio

The radio will now reset to normal operation.

Compliance Issues

None.

3. Issuing Authority

Name and Position of Issuing Officer

Graham Brenchley
Technical Support Engineer

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Distribution Level

Associate.

Document History

Original Release	21 December 2004	GCB
First Serial Number	10 January 2005	GCB