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## TECHNICAL NOTE TN-951-SR

### Tait Portables Programming Utilities Upgrade to v4.01.00

17 November 2004

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#### Applicability

This Technical Note applies to the Tait Portables Programming Utilities.

## 1. Introduction

#### What's in this Technical Note?

The Tait Portables Programming Utilities (TPPU) 4.01.00 has been released to replace the previous Tait Programming Utilities 4.00.04.

The TPPU suite contains the following applications:

- Tait Orca Portable Conventional Programming Application v4.1.0
- Tait Orca Portable Trunked Programming Application v4.1.0
- Tait Orca Portable Calibration Application v4.1.0
- Tait Orca Portable Download and Configuration Application v4.1.0

#### Hardware compatibility:

The TPPU suite of applications require the following minimum configuration:

- An IBM compatible PC with a Pentium microprocessor (or better)
- 32 MB of RAM
- A VGA colour graphics display
- A CD-ROM drive
- A Microsoft or compatible mouse and driver (if you wish to use the program with a mouse)
- Free serial com port for connection to radio

The recommended configuration for the TPPU suite of applications is:

- Pentium II 450MHz microprocessor (or better)
- 128Mb of RAM
- A VGA colour graphics display
- A CD-ROM drive
- 100Mb of free Hard Disk space
- A Microsoft or compatible mouse and driver (if you wish to use the program with a mouse)
- Free serial com port for connection to radio

#### Operating System:

The applications are designed to work on Microsoft Windows Platforms, namely Windows 98SE, Windows NT 4.0, Windows 2000 and Windows XP.

The Tait Portables Programming Utilities v4.01.00 is available on CD-ROM from the Tait Software Issuing Authority as IPN 406-00003-08, or for download from [support.taitworld.com](http://support.taitworld.com) under "Portables" → "Programming Software".

## 2. Installing TPPU v4.01.00

### Installation Details

Follow the directions below to upgrade to TPPU v4.01.00.

Version Currently Installed	Action Required to Upgrade
None	➤ Install the TPPU by executing the Setup.exe file or allowing the CD to auto-run.
TPU v3.9.0 or earlier	<ul style="list-style-type: none"> <li>➤ Uninstall the existing version through the "Add/Remove Programs" option in the "Control Panel".</li> <li>➤ Install the TPPU by executing the Setup.exe file or allowing the CD to auto-run.</li> </ul>
TPPU v4.00.04	➤ Install the TPPU by executing the Setup.exe file or allowing the CD to auto-run. The TPPU will offer to upgrade, click 'Next' to begin the upgrade process.

## 3. Changes to the TOP Applications

### Calibration Application

The TOP Calibration Application v4.1.0 resolves the following issue(s):

- FOCUS 18713: Version 4.0.2 of the Calibration Application was found to be incorrectly programming radios with older Motorola synthesiser IC's with information intended for the newer Infineon brand synthesiser. This was resulting in radios indicating they were out-of-lock. Because of this out-of-lock error the radio became inoperable. (Raised as TIMS 38598).

### Conventional Programming Application

The TOP Conventional Programming Application v4.1.0 resolves the following issue(s):

- FOCUS 18713: Version 4.0.1 of the Conventional Programming Application was found to be incorrectly programming radios with older Motorola synthesiser IC's with information intended for the newer Infineon brand synthesiser. This was resulting in radios indicating they were out-of-lock. Because of this out-of-lock error the radio became inoperable. (Raised as TIMS 38595).

### Trunked Programming Application

The TOP Trunked Programming Application v4.1.0 resolves the following issue(s):

- FOCUS 18713: Version 4.0.1 of the Trunked Programming Application was found to be incorrectly programming radios with Motorola synthesiser IC's with information intended for the Infineon brand synthesiser. This was resulting in radios indicating they were out-of-lock. Because of this out-of-lock error the radio became inoperable. (Raised as TIMS 38505).

