
TRM 1602 base station

Release Notes



Technical Note TN-1602-05
1 October 2004

This release of our system has exciting information to accompany the Creative Live release of the iDTRM base station. It also gives the additional information about the Two iDTRM Services for software (download only) and access (PS and PMS) Services across third and other.

5 What's New in This Release

The following features and enhancements are new or improved with earlier systems. For more detail, see the Installation and Operation Manual and the Service Knowledge Only.

Compatibility with Superphones Port Switches

You can now connect to a iDTRM base station via an superphones port switch (SPS). This new device offers a connection via either serial cable and via POTS line using modem. In remote sites, this will allow multiple base stations to be centrally managed and maintained without the need for a dedicated POTS line for each base station installed on the site. Using an SPS allows single phone line to servicing multiple base stations, depending on the applications. Refer to iDTRM for more details on using an SPS with iDTRM base station.

Tablet III-3.0 System Interface Board

This system interface board is designed for use with iDTRM monitoring systems, and also for use with multiple base station systems. The new mounted I/O PCB serial port facilitates the connection of multiple base stations to a Service Knowledge Center using an SPS and enables remote locations. It is fitted with the following connections:

- a RS-485 Serial Storage connector (VMEbus)
- a RS-485 Serial Storage connector (ISA-PC serial port)
- a RS-485 auxiliary I/O input connector.

This system interface board is flexible system having the product code iDTRM-3.0. It provides separately it has the product code iDTRM-3.0. For details of pin locations, refer to the Installation and Operation Manual. Refer to iDTRM for more detail on using an SPS with iDTRM base station.

PDF Form 1041-ES Now Available

Form 1041-ES is now available as a new schedule for reporting on the 1041 frequency form. The actual form and its instructions will follow.

	Frequency Form and Schedule
1041-ES	1041-ES (Schedule 1041-ES)
1041-ES	1041-ES (Schedule 1041-ES)
1041-ES	1041-ES (Schedule 1041-ES)

2 Compatibility

Whether the hardware is suitable for installing or programming a new station with modules that have earlier firmware versions, rules are applied to convert between new and old data versions as explained in the Service Kit online Help.

The following table specifies all compatible configurations of the T1000r base station. A compatible configuration is a combination of module hardware, module firmware, and Service Kit software, where each part of the chain is compatible with all the subsequent.

- Each row in the table identifies a compatible base station configuration.
- Each cell within a row contains the hardware, firmware, or Service Kit software version number that is compatible with the other versions in the row. If a cell contains more than one version number, non-chronological versions are compatible.
- Table footnotes indicate any restrictions imposed on a particular combination by the hardware, firmware, or Service Kit software version.
- Any other combinations remain compatible and are supported.

New Station Hardware				New Station Firmware			Service Kit Software
Module	FPGA	PLC	Control Panel	Module	FPGA	PLC	
1000r 1000r 1000r	1000r 1000r 1000r	1000r 1000r 1000r	1000r 1000r 1000r	10.00	10.00	10.00	10.00
1000r 1000r	1000r 1000r	1000r 1000r	1000r 1000r	10.00 10.00	10.00 10.00	10.00	10.00 10.00
1000r 1000r ^a	1000r 1000r	1000r 1000r	1000r 1000r	10.00 ^a 10.00 ^a	10.00 ^a 10.00 ^a	10.00	10.00 10.00 10.00 10.00

- a. When using this version:
 1. Software updates that require a critical infrastructure roll-back ability.
 2. The control panel requires the Service Kit.
 3. The 1000r panel needs correct current 10.00 cells.
- b. When using this cell with other cells, the hardware may be rolled back to the next higher supported version.
- c. Using a 1000r control panel, a new station will have the correct panel version supported by application 10.00.
- d. Hardware configurations that have stations that use the control panel (table) together with the correct software version (10.00) are OK.
- e. All 10.00 tables require the firmware version 10.00 or later.
 1. All 10.00 tables require the firmware version 10.00.
 2. Connections may apply, but the software is generalizable.
- f. All connections to the table involve such problems that table panel using application updates are not supported (see 10.00 for details).

**Important**

Power cycling is supported by firmware versions 02.00 and later, and hardware versions 02.00 and later. It is not supported by hardware version 01.00.

WiFi operation is supported by firmware versions 02.00 and later, and earlier hardware versions 02.00.

3 Upgrading to Service Kit Version 02.00

You must upgrade the old Service Kit version before installing the new version. Upgrade the installation in the usual way to the Windows version, when Windows is aware of installed components. Then upgrade the installation again.



Note: When you upgrade from version 01.00, back up the connection information (Wi-Fi and LAN) before connecting additional components. When the installation is complete, copy the backed-up Wi-Fi and LAN info back into the directory where the Service Kit is installed.



Note: A PC can only have one Service Kit version installed.

4 Upgrading or Downgrading Firmware

To upgrade or downgrade the firmware of any base station module, copy over the procedure described in “Upgrading/Downgrading Firmware” in the Service Kit online Help or User’s Manual. Make the procedure use the latest version of the Service Kit software.

Restrictions

No installation completed when you upgrade/downgrade the installation as recommended.

You must install the router under the following conditions:

- When upgrading the router firmware, there must be an internet connection.
- When downgrading the router firmware.

The installation procedure is as follows:

1. Automatically enter the factory default IP (192).
2. Follow the PC installation.
3. Follow the WiFi installation.

Refer to the Callcenter Kit documentation for more details.

5 Issue Flood

The following is the list of issues from notification. The person names the issue from their file number:

File Reference	Issue
00000001	Issue: How water flow connects with the main water flow pipe
00000002	Issue: The flow rate between being joined up
00000003	Issue: Notification and pipe work
00000004	How water should be going into the main water flow pipe
00000005	How water should flow in the main water flow pipe and what being done. (Simple way to the water to the system and the flow)
00000006	How water flow in the main water flow pipe
00000007	Issue: How the water connecting to the main water
00000008	Notification: How the water should be going into the main water flow pipe
00000009	Notification: How the water should be going into the main water flow pipe
00000010	Notification: How the water should be going into the main water flow pipe
00000011	Notification: How the water should be going into the main water flow pipe
00000012	Notification: How the water should be going into the main water flow pipe
00000013	Notification: How the water should be going into the main water flow pipe
00000014	Notification: How the water should be going into the main water flow pipe
00000015	Notification: How the water should be going into the main water flow pipe
00000016	Notification: How the water should be going into the main water flow pipe
00000017	Notification: How the water should be going into the main water flow pipe
00000018	Notification: How the water should be going into the main water flow pipe
00000019	Notification: How the water should be going into the main water flow pipe
00000020	Notification: How the water should be going into the main water flow pipe
00000021	Notification: How the water should be going into the main water flow pipe
00000022	Notification: How the water should be going into the main water flow pipe
00000023	Notification: How the water should be going into the main water flow pipe
00000024	Notification: How the water should be going into the main water flow pipe
00000025	Notification: How the water should be going into the main water flow pipe
00000026	Notification: How the water should be going into the main water flow pipe
00000027	Notification: How the water should be going into the main water flow pipe
00000028	Notification: How the water should be going into the main water flow pipe
00000029	Notification: How the water should be going into the main water flow pipe
00000030	Notification: How the water should be going into the main water flow pipe

Performance	Resolution
connect	Issue 60: Establishing a connection to the server is slow.
connect	Issue 60: Error connecting to remote server(s).
connect	Issue 60: No connection after first successful connect.
connect	Issue 60: Timeout for connection when the server is busy (using direct connect).
connect	Issue 60: Speed test interrupted.

6 Known issues and limitations

Blaze Center/Does not release the line after sending an email

This software (v10.0.0) takes the Blaze Center to send the modem to connect to the Internet and as soon as the modem connection is not closed. The Blaze Center will then be unable to go into Stand-By mode until the connection is manually closed, or it may sometimes being able to longer than the time specified in the connection. This problem only occurs on Windows 9x, 98 and NT machines that have a version of Internet Explorer earlier than 5.01. To fix the problem on these machines, read section 5.01 or later of Internet Explorer.

Blaze Center/Free when closing Blaze Center dialog

This software (v10.0.0) if you click on "Close" in the Blaze Center, then the application displays error number 65 - "Resource if you click 'Open' it will also be free.

Blaze Center/No answer from Blaze Center when using multiple modem drivers

This software (v10.0.0) The Blaze Center does not answer modem calls when more than one Modem Driver is installed for a single COM port.

Blaze Center/Reports the same alarm with different times on each connection

This software (v10.0.0) If there is only one alarm on the modem, sometimes the first alarm that the Blaze Center is notified is a same alarm with a different time.

Alarm: False indication of alarm (DC Voltage Low alarm)

See reference: 99910101 It has been found that very infrequently some 1000Vdc alarm are generated when they should not have been. If an alarm is generated when operational and configuration errors have been eliminated please contact your nearest field branch office within three days of the occurrence. This will help us diagnose the cause of the problem.

Alarm: Reverse high power alarm (temperature's allow it to clear at low levels)

See reference: 99910101 The reverse converter has permanent reverse power measurements to PV inverters. This meaning, when operating with a 100 PA, can misrepresent values that occur between only the 0, 1, 2, 3, 4, 5 or 100. The PA operates inversely with a resolution of 1/10th. The manner that alarm happens is when dc bus drops significantly, so the power that value do not change enough. If the event, any solution is to configure larger alarm thresholds, reducing the alarm count at a higher threshold. It would better solutions to disable the measurement there, and reference the High VDCB alarm, which is more accurate.

Alarm: ILL High alarm is logged on startup

See reference: 99910101 When the bus voltage come up, an "ILL High" alarm is logged and appears in the Reported Alarms screen.

Alarm: Transient power alarm at low power

See reference: 99910101 The forward and reverse power alarm threshold ($\text{Current} \times \text{Voltage} \times \text{Threshold}$) can be set to a PV Inverter, this is not practical when using a 100 PA as it is recommended that the VDCB alarm is used instead. VDCB is checked with better precision, and usually shows lead values.

Alarm: Voltage Low alarm does not work when bus voltage is in Deep Sleep

See reference: 99910101 The Voltage Low alarm does not work when the bus voltages in Deep Sleep mode. However, the alarm function normally is normal and sleep results.

Collection K8: Calibration data is updated even though calibration request is cancelled

See reference: 99910101 When you exit a calibration procedure from the Calibration Kit, the calibration data is updated. This is incorrect, it should only update the calibration data after a successful calibration.

Configuration: Base power supply is reported as active in event when it is not

This advisory prohibits when the PMS Auxiliary power supply is disconnected. The Manager, the status reads as still using the base supply to power, when in fact it is not.

Configuration: Channel selection in Standby mode is confusing

This advisory prohibits when reconfiguring power bus station channels, note that the system may not re-configure to the correct channel while still in Standby mode. As soon as the bus station is put into Standby, it will operate on the correct channel as configured.

Configuration: Disabling subschedule from scheduling can result in a wrong transmit subschedule time

This advisory prohibits when subschedule mode is disabled through Task Manager, the Base Station does not read any Baseband software for the selected mode to be used. The software is determined based on the default mode set in the Task Manager software. This might be a specific software, or it might be None. The Base Station incorrectly transmits the software from the directory in the software table (see note 1).

Configuration: External reference may go out of lock when Power Saving enabled

This advisory prohibits the combination of external reference process and Power Saving operation is not supported in the release. This combination will result in many "External Reference Invalid" errors.

Configuration: Idle timer sometimes occurs on CDRS or Alarm Time when in Sleep & Deep Sleep

This advisory prohibits if you have CDRS or PP mode configured in combination with power saving, sometimes the idle timer occurs after transmitting CDRS or in Alarm PP mode. This causes the base station to come out of Sleep mode.

Diagnosis: Error in Diagnosis > Power/Management > Control Table screen

This advisory prohibits when viewing Power Information there are some errors in the Diagnosis > Power/Management > Control Information. 1) The base band mode LED is always OFF in Sleep/Standby/Normal mode. 2) The status of the system between the DC/DC converter and the Charger block is incorrect. 3) The error for the Standby output is always block power status is 00FF.

Diagnostic: Inconsistent substation name display error

The substation 000000000000 When creating substation warning using the Diagnostic & Recovery & Substation Administration, the New Station command requires DC/DC T and sometimes DC/DC/DC. In using these are exactly the same. The warning should only warn through the main control panel and display DC/DC/DC (only) instead of no indicate that the code received could actually be either of these codes.

Diagnostic: RRR Forward output voltage stays constant

The substation 00000000 The Diagnostic & Recovery & New L&C & Power RRR output does not work properly.

Diagnostic: Synthesizer lock range test always indicates "locked" during test

The substation 00000000 When running the test and the test synthesizer lock range test in Diagnostic & Recovery & Synthesizer, the warning synthesizer L&C may occur throughout the test, and "locked" is always displayed.

Monitoring: Main supply failure alarm does not go gray when DC only PMU used

The substation 00000000 It's New Station is fixed with a DC only PMU. When the Main Supply failed alarm is set from the Diagnostic & Alarm & Control there seems there goes when it should not go.

Monitoring: Misleading ambient temperature display on the Service Kit

The substation 00000000 There is an temperature sensor on the Diagnostic & Power Amplifier which under monitoring is it actually represents the temperature measured on the hardware. If the PM Amplifier is monitoring without the fan turned on, the display temperature is much lower than the actual air inside temperature.

Monitoring: GPRS displayed on Service Kit needs care with interpretation

The substation 00000000 The Service Kit GPRS indication means that the user has selected a 4G radio response for the main radio path. The measurement point is the same as that used for the GPRS gate determination. If the response of response is received on other radio output path, the GPRS will be lower than indicated for that path.

Monitoring: Status of DC-DC converter shows incorrectly

This address: 00000000 When the Base Station is operating in Sleep/Deep Sleep mode the PWR0_VDD1_VDD2 converter is actually OFF but is shown as being ON in the Monitor > Monitoring > Power Management screen of the Service Kit.

Monitoring: Wrong output power displayed when SW PA commands at 1W

This address: 00000000 The output power for the power amplifier is not measured as 1 W increments. The monitoring when operating with a 1W PA, can show reported values for the Service Kit as only 0.0 W, 0.1 W, 0.2 W or 0W. The Measurement accuracy with a resolution of 0.1 dB. This means that the displayed value can be 0 when in fact the PA is operating at 0.1W or 0.2W. Please keep this in mind when using the monitoring > diagnostics screen on SW PA's.

Service Kit: Added modem not detected in Edit Connection

This address: 00000000 When the PC is started without a modem connected and a modem is later added to the Control Panel, then the Service Kit will think it doesn't have a modem, even though it is present in the "Edit Connection" page. A modem is a step in the "Edit Connection" page, click and modify some parameter (eg. "use any cable"), then click OK. This has to be done for every single connection.

Service Kit: Can't hear from regular phone during base station programming

This address: 00000000 During programming a configuration into the Base Station and when another application is in the foreground of the screen (function), it is possible that the Service Kit loses the communication whenever it is suspended by the user.

Service Kit: Cannot connect to BS with 01.00 firmware using Service Kit W-1200-0000 Base

This address: 00000000 The Service Kit version 0.0.0 is not able to connect to a Base Station with Service firmware version 01.00. An upgrade of 0000 Base is needed.

Service Kit: Do not install a new Service Kit version via Repair Option

The software will fail if the "Repair" option when installing new Service Kit software is not selected. The correct procedure was to remove the Service Kit first by using either the "Remove" option from the Installation screen, or the "Add Software program" from the Control Panel. Then install the new version following the "X" when ready.

Service Kit: Firmware download may fail in France

The software will fail if the user attempts to download using Service Kit as an older version of Microsoft Windows with local area "French (France)" set. The message appears "A critical file compilation or install function was unsuccessful." Because of government regulation, the operating system does not permit the enterprise responsible to create updates. Upgrade your operating system with the latest Service Pack. An alternative mechanism is to use the Control Panel Regional Settings and to change the locale to "French (Canada)".

Service Kit: Firmware download option gives invalid compatibility error

The software will fail if you are running Windows 7 with Service Pack 1, the compatibility file can not be loaded by the Service Kit. This is due to an enterprise problem issue of the Microsoft component being used. To resolve this problem, please upgrade to Service Pack 1 when it is provided on the Product CD.

Service Kit: MS Firmware does not load properly when using DC power supply

The software will fail if you try to upgrade the Platform from various Microsoft or software MS-DC Power is fixed and running from DC power (the downgrade process may fail). These tools are never running from AC power when you attempt to downgrade the OS software under these conditions. If an AC Power is not available, the OS can be connected to an external power supply using the PS. The Platform (of the DC Power) will not work for the time the OS does not have their format of account. Uninstall the OS power load from their connection and move "Hardware Check" into connection for this purpose. Note the policy of the connection (date, time, and network) for load with the correct policy when failed.

Service ID: Print to file results in writing the first column

This address: 199100101 Printings configuration file will be used in writing the first letter of each line. It is OK when printing to an actual printer. This is done in line with Microsoft Windows from Service Pack 4.0. To enable the printing glass upgrade to Windows from Service Pack 4.0.

Service ID: Problems logging on to a base station if Base Station configured to dial out to Base Center

This address: 199100101 you experience difficulty logging onto the Base Station, the address for Service is constantly trying to dial out to the Base Center. This is because the number dial-out service that the base station is configured for (Gateway + Communications + Base Center).

Service ID: Quad Sync still no longer required

This address: 199100101 After an improvement in the Registry control mechanism, it is no longer necessary to call the Quad Sync for the Service. We will be implementing Q/S system. This has been 199100101 for all workstations. It will be required to have versions of the Service Kit.

7 Issuing Authority

The Issuing Authority: [Jim Corbett](#)
School Publication Manager

8 Publication History

Publication Year	Author
2014-2015	Anonymous

9 Title Contact Information

Support Desk The Homebrewery and Cellar Craft, Chesham, New Zealand
E-mail: help@homebrew.com
Web Address: www.homebrew.com

Support Manager School Support Manager
The Homebrewery and Cellar Craft, Chesham, New Zealand
E-mail: support@homebrew.com

Website <http://www.homebrew.com>