MOTOROLA

PassPort® Firmware R08.02.07 Release Notes

	Radio Firmware	PassPort Firmware	Motorola Customer Programming Software (CPS)	PassPort Customer Programming Software (PPCPS)
HT1250·LS+ ™ **Portable**	R05.13.08 or later	R08.02.07	R06.10.01 or later	R05.02.03 or later
CDM1550·LS+ ™ **Mobile**	R05.07.01 or later	R08.02.07	R06.10.01 or later	R05.02.03 or later

For further information regarding compatibility between the different versions of Radio Firmware, PassPort Firmware, Motorola Customer Programming Software (CPS) and PassPort Customer Programming Software (PPCPS), please refer to the PassPort Software Compatibility document included in the PassPort ServicePak R08.02.07.

To access the PassPort Software Compatibility document, click on
"Start > Programs > Motorola > PassPort ServicePak > ServicePak R08.02.07 > PassPort Software Compatibility".

To access the PassPort Firmware R08.02.07 Release Notes document, click on
"Start > Programs > Motorola > PassPort ServicePak > ServicePak R08.02.07 > PassPort Firmware R08.02.07 Release Notes".

I. Enhancements

CCMPD01137941: **RSSI Algorithm Improvement**
Changes have been made to stabilize the RSSI value that is being calculated and to improve measurements in co-channel environments.

CCMPD01155627: **Display Receive Trunk Off and DFA in Decimal**
With "Show RSSI" enabled in the Service Menu, Trunk Off DFA frequency is now displayed in decimal on the radio, matching NTS Commander DFA format on Passport Sites, and radios will now display Trunk Off message when receiving talkgroup call.

CCMPD01155632: **Emergency Horn and Lights Declaration**
The CDM1550LS+ will now support the ability to set the External Alarm Output pin when receiving an emergency declaration from another radio. The rear accessory option must be configured for Emergency to enable this feature.

II. Corrections

CCMPD01137932: **Front PTT Timeout Disables Data PTT Polling**
When the Front PTT was held for the full PTT Timeout duration, upon releasing the PTT, the Trident Data polling was no longer processed by the CDM1550LS+. Keying and Dekeying the PTT was needed to re-enable the data polling.

CCMPD01155625: **Home Lookback Resetting RSSI in Fringe**
When a radio was registered to a fringe area with RSSI disabled, after a Home Lookback, the radio would re-enable RSSI Threshold when returning to fringe site. The radio will now remember the fringe condition.

CCMPD01157753: **RSSI Disable in Fringe Areas setting does not work with Disable Roam feature.**
When configured for Disable Roam and RSSI Disable in Fringe, the radio did not disable RSSI after the initial registration attempt at the home site.

III. Known Issues

IV. Observations

Item #1: **Keypad Tones Off**
Keypad tones cannot be disabled while in PassPort operation.

Item #2: **X-Pand™ Front Panel Setting**

X-Pand cannot be enabled / disabled via the front panel while in PassPort operation. PPCPS must be used to enable/disable X-Pand.

Item #3:   **Zero Second Scan Hang Timer**
If the Scan Hang Time is set to 0 seconds, there is approximately a 250 ms window during which the subscriber unit remains in scan hang timer.

Item #4:   **Conventional Auto Scan Prevents PassPort Operation**
The subscriber unit must not be programmed with Conventional Zones in which Auto Scan is enabled. This configuration prevents PassPort operation.

Item #5:   **Possible Stunned Radio on Restricted Sites / Talkgroups in Non-Collect Channel Systems**
When a radio attempts to register to a site with a restricted MIN or talkgroup, there is approximately a 250ms window for the radio to be stunned **if and only if** the user attempts to press PTT before the radio is acknowledged from the NTS that the site / talkgroup it is on is restricted.

Item #6:   **Possible Interaction Issue between Front PTT and Data PTT (Mobiles Only)**
After a data transmission is initiated, there is a small window of opportunity that a user can initiate a dispatch call or Selective Call / Call Alert via the front PTT even though the radio is still in the middle of processing a data session. In this case, data may be lost. The window of opportunity is dependent upon the timing of the other call activity and the CES data box configuration.

Item #7:   **X-Pand™ Not Recommended with Message Trunking**
Radios configured for X-Pand and Message Trunking will hear artifacts during the hang timer after each call. X-Pand should be off for Message Trunking.

IV. Required Upgrade Tools

A. PassPort ServicePak

The PassPort firmware ServicePak R08.02.07 can be requested from the PassPort development group at Motorola.

B. Programming / Flashing Equipment

- **AAHLN9742B:** Flash Adapter for both portable HT1250·LS$^+$ and mobile CDM1550·LS$^+$
- **AARKN4075A:** Portable RIBless Cable
- **AARKN4081B:** Mobile RIBless Cable

Note: These accessories are available through Radio Products Services Division (RPSD) – previously known as Accessories and Aftermarket Division (AAD).

C. Estimated Upgrade Time

The approximate upgrade times for all the Windows Operating Systems: Win 2000, Win XP, Win NT that are supported by PassPort ServicePak R08.02.07 is between 15 to 20 minutes.

MOTOROLA and the Stylized M Logo are registered in the U.S. Patent & Trademark Office. All other product or service names are the property of their respective owners.
© Motorola, Inc. 2008.