MOTOROLA

PassPort® Firmware R08.00.17
Release Notes

	Radio Firmware	PassPort Firmware	Motorola Customer Programming Software (CPS)	PassPort Customer Programming Software (PPCPS)
HT1250·LS+ ™ Portable	R05.09.11 or later	R08.00.17	R06.05.03 or later	R05.00.10
CDM1550·LS+ ™ Mobile	R05.05.15 or later	R08.00.17	R06.05.03 or later	R05.00.10

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 R08.00.17.

To access the PassPort Software Compatibility document, click on
"Start > Programs > Motorola > PassPort ServicePak > ServicePak R08.00.17 > PassPort Software Compatibility".

To access the PassPort Firmware R08.00.17 Release Notes document, click on
"Start > Programs > Motorola > PassPort ServicePak > ServicePak R08.00.17 > PassPort Firmware R08.00.17 Release Notes".

Note: In order to view the PassPort Software Compatibility document, Adobe Acrobat Reader *is required.*

I. Enhancements

Item #1: The following PassPort 4.0 features are only available if the Enhanced Option is purchased and enabled, i.e. the Enhanced option can only be purchased in new radios and the Enhanced option converts the Passport codeplug to an Enhanced codeplug. Radios with Enhanced codeplugs can then be configured for the features listed below.

- Backup Channels;
- Emergency calling;
- Priority Access;
- Limited Service Message;
- Improvements to Selective Call, i.e. PTT notification and across ASID calls;
- Message Trunking;
- Improvements to STUN command, i.e. radio can be stunned at any time.

Item #2:   **Call Alert Reminder**
The Call Alert Reminder can be used by the radio to provide a reminder of a received call alert.

Item #3:   **200 Non-standard VHF DFA**
VHF radios can be programmed up to a list of 200 Non-standard VHF DFA.

Item #4:   **UHF, i.e. Band 5, can be redefined via Band 12**
Band 12 is a band left opened by Trident Micro Systems™ for non-standard frequency assignments. Using Band 12 requires proper setup of NTS sites.

Item #5:   **Band 5b is supported**
Band 5b DFA assignment supports odd multiples of 6.25kHz for use in the RCC bands.

Item #6:   **Power-on Roam Delay timer is supported**
The Power-On Roam Delay Timer is defined as the time that the radio should search the first frequency upon power-up or zone-change.

II. Corrections

ECSss12881: **Reacquire Timer On Collect Channel**
If during the search pattern, the subscriber searches the collect channel of the site it was previously registered on, the subscriber initiates a registration session regardless of the state of the reacquire timer.

This firmware ensures that the reacquire timer is taken into account.

RADsw11842: **Message Error While System is Busy for Selective Call / Call Alert (Mobiles Only)**
"No Acknowledge" appears immediately after "System Busy" if there is no channel available for the initiator of a Selective Call / Call Alert. The call must be re-initiated via the menu, a preprogrammed button or a one-touch button.

This firmware ensures that "No Acknowledge" is not displayed.

RADsw11704: **LED and Musical Icon Do Not Turn On in Selective Call / Call Alert (Portables Only)**

While navigating the Selective Call / Call Alert menu, the yellow LED and musical icon are not activated to indicate the corresponding mode. The yellow LED and musical icon will activate once the PTT is pressed to initiate the call.

This firmware ensures that the LED and musical icon are displayed.

III. <u>Known Issues</u>

CCMPD00492433: **Faulty interconnect (phone) behavior**
When an interconnect call ends the radio immediately keys up a new one. **Workaround is to set Radio CPS Phone option "Access Type" to Manual.**

CCMPD00494400: **Radio will not register anywhere if zone selection changed after MIN and Group are sent**
When a Roamer Radio registers and the MIN and group are sent but the radio does not complete registration before the user selects another zone, the radio will never register.

CCMPD00495539: **Can't cancel Selective Call once in system busy state**
Can't cancel Selective call using Exit Menu button when the call is first attempted while the system is busy.

CCMPD00414616: **Phone display even though in Talkgroup Standby**
After the Voice Storage Record button has been used for 20 seconds (recording should be displayed until the Message Slot is full). The ergonomics on the display are incorrect, i.e. the phone icon is still displayed and the radio does not display the talk group standby ergonomics.

CCMPD00414161: **Missing TX when replying during Message Trunking calls (the issue is only with Interconnect call, i.e. phone call)**
The RX frequency is wrongly used.

IV. <u>Observations</u>

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.

IV. Required Upgrade Tools

A. PassPort ServicePak

The PassPort firmware ServicePak R08.00.17 can be requested from the PassPort development group at Motorola GSG Canada.

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 R08.00.17 is between 15 to 20 minutes.