



TELEX

Radio Dispatch

Radio Dispatch Engineering Group

System Manager 1.700 Engineering Release Notes

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Revision G

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Table of Contents

1. Revision History	1
2. Overview.....	1
3. New Features	1
4. Improved Features and Fixed Issues	1
5. Known Issues.....	2
6. Compatibility.....	3
7. Installation and Upgrade.....	3



1. Revision History

Revision	Date	Author	Description
A	07/30/2008	Radio Dispatch Engineering	Initial draft System Manager Version 1.100
B	08/03/2009	Radio Dispatch Engineering	Updated System Manager Version 1.200
C	03/30/2010	Radio Dispatch Engineering	Updated System Manager Version 1.300
D	10/18/2010	Radio Dispatch Engineering	Updated System Manager Version 1.400
E	06/08/2012	Radio Dispatch Engineering	Updated System Manager Version 1.500
F	08/20/2014	Radio Dispatch Engineering	Updated System Manager Version 1.600
G	01/15/2015	Radio Dispatch Engineering	Updated System Manager Version 1.700

2. Overview

This is the release notes document for the Telex System Manager software. This release contains new features, improved features, and fixed issues. The release notes include all of the changes and fixes since official release Version 1.600.

3. New Features

Version 1.700

- Added support for Microsoft Windows 8.

4. Improved Features and Fixed Issues

Version 1.700

- ADHB-4 Configuration
 - A message box will appear to users when upgrading the ADHB-4 firmware to version 2.300 or newer. The message box informs users that all Additional Feature licenses stored in the ADHB-4 will be deleted after the firmware has been upgraded. Additional Feature licenses are no longer supported in the ADHB-4 beginning in v2.300.
- IP-224 Configuration
 - Additional Features Tab
 - Added the Additional Features tab to the IP-224 configuration. The Additional Features tab displays the number of lines which can be enabled with the following feature sets:
 - EFJohnson Radio, FleetSync Decode, FleetSync Encode, iDEN Radio, MDC1200 Decode, MDC1200 Encode, MOTOTRBO Interface, NXDN Interface, P25 Interface, Sprint Direct Connect, and TETRA Interface.
 - Crossspatch Tab
 - Added the Crossspatch tab to the IP-224 configuration. The Crossspatch tab contains the fields used to configure Line to Line crossspatches.
 - The Line to Line crosspatch fields will be disabled if:
 - The line type of one or more lines is set to Console Mode.
 - The serial type of one or more lines is set to iDEN, MOTOTRBO Interface, MTRBi, or Sprint Direct Connect.

- Gain Setup Tab
 - Added the RX IP Input gain setting. This setting is only enabled when the line type is set to Console Mode.
 - The TX Monitor Input gain setting is now only enabled when the line type is set to Tone Mode.
- Hardware Setup
 - Added the Display Contrast and Menu Enable settings.
- Multicast Setup Tab
 - Added support for the Console Mode line type.
 - Added the following serial types:
 - Hytera MT680
 - Icom
 - PowerTrunk
 - Sepura
 - Tait TM91xx/TM94xx
 - Fixed issue where the MOTOTRBO Interface Setup would disappear if the line or serial type was changed on the line not configured for MOTORBO Interface.
- Per Line Setup Tab
 - Delay Tab
 - Changed the minimum RX Delay time from 0 to 60 ms.
 - Ethernet Crossmute
 - Added Ethernet Crossmute Setup tab. This tab can be configured with the IP Address of up to 10 devices. The IP-224 will automatically mute transmit audio received from the configured devices.
 - Function Tones
 - Renamed the Tone Freq 1 (Hz) and Tone Freq 2 (Hz) fields to Tone Encode Freq 1 (Hz) and Tone Encode Freq 2 (Hz). These fields are shown when the line is configured for either Tone or Console mode.
 - LAM/COR
 - Added validation logic to ensure LAM Time is always greater than or equal to RX Delay.
 - Options
 - Added PTT Tones Encode option.
 - Renamed the Parallel Tone Console checkbox to PTT Tones Decode.
 - The Freq Update w/ PTT option is now disabled when the line type is configured for Tone or Console Mode.
 - Signaling Options
 - The FleetSync Encode and FleetSync Decode fields are now automatically cleared when switching to or from the various Kenwood radio serial types.

5. Known Issues

- IP-1616 v4.100 does not support changing the Console Name or Base IP Setup parameters via System Manager.
- IP-2002 v4.100 does not support changing the Console Name or Base IP Setup parameters via System Manager.

6. Compatibility

- System Manager v1.700 supports the following device firmware versions:

Device	Minimum Firmware Version
ADHB-4	v1.202
IP-1616	v4.100
IP-2002	v4.100
IP-223	v4.505
IP-224	v2.000

7. Installation and Upgrade

- To install Telex System Manager 1.700
 - If the .NET 4.0 framework or greater is not installed, first install using either through the Microsoft update.
 - Run setup.exe and follow the prompts.