



TELEX

Radio Dispatch

Radio Dispatch Engineering Group

Telex System Manager 2.400 Engineering Release Notes

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F01U306256 - Revision 12

September 20, 2018

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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 |
| H | 02/20/2015 | Radio Dispatch Engineering | Updated System Manager Version 2.000 |
| I | 5/05/2016 | Radio Dispatch Engineering | Updated System Manager Version 2.100 |
| 10 | 5/25/2017 | Radio Dispatch Engineering | Updated System Manager Version 2.200 |
| 11 | 11/27/2017 | Radio Dispatch Engineering | Updated System Manager Version 2.300 |
| 12 | 9/20/2018 | Radio Dispatch Engineering | Updated System Manager Version 2.400 |

2. Overview

This is the release notes document for the Telex System Manager Version 2.400 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 2.300.

3. New Features

Version 2.400

- IP-224:
 - Hardware Setup
 - Added Serial Protocol Version setting.
 - Limited available Baud Rate settings based on Serial Type setting.
 - Per-Line Setup
 - Added LAM/COR -> Rx W/ PTT Time setting.
 - Fixed a problem with iDen Function tones, in which a Function Tone's Call Type would incorrectly switch between Group Call and Call Alert
 - Fixed a problem with iDen Function Tones incorrectly disabling entries 11, 21, 31, etc when F1 Last Call was checked.
 - Security Updates
 - Download Configuration, Record Configuration, and Firmware Updates now use SSL/TLS
 - VU Meter
 - Added new VU Meter feature to monitor volume levels of each line's Rx and Tx Multicast address/ports.
- ADHB-4
 - Gain Setup
 - Added gain settings/sliders for Remote Headset Boxes:
 - RHB 1 Mic Gain
 - RHB 1 Mic Input Noise Threshold
 - RHB 2 Mic Gain
 - RHB 2 Mic Input Noise Threshold
 - System Setup
 - Added setting Minimum Headset Volume.

- Device Detection
 - Added Device Query Target List, accessible in View -> Device Query Targets. Device Query Target window contains a Target Endpoint List, and a Receive Port List.
 - When TSM sends a multicast “Ping”, TSM will now also send a “Ping” to each IP Address / Port entry in the Device Query Target List. This list can include both multicast and unicast endpoints, allowing for device detection over networks in which multicast traffic is blocked.
 - During TSM Ping, TSM will now additionally listen for a response on all ports included in the Receive Ports list.
 - Added detection and firmware update of ADHB-4 Gen 2.

4. Improved Features and Fixed Issues

Version 2.400

- IP-224 and ADHB-4
 - Ethernet Setup
 - Fixed swapped System Manager Incoming and Outgoing port values.
- Firmware Update Dialog
 - User name field is now editable to be compatible with IP-224 customizable account logins.
- General
 - Added validation to numerous text fields to not allow invalid characters.
 - Fixed a crash encountered when attempting to open an IP-224 2.100 (or prior) configuration file.
 - Fixed a potential crash encountered if another device is using TSM's Device Detection receive ports.
 - Improved TSM's guess of initial “default” network interface, and now checks the connection's “Up” state. This greatly reduces the network error message on startup after installing a new version of TSM.

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 v2.400 supports the following device firmware versions:

| Device | Minimum Firmware Version |
|---------|--------------------------|
| ADHB-4 | v3.100 |
| IP-1616 | v4.100 |
| IP-2002 | v4.100 |
| IP-223 | v4.505 |
| IP-224 | v2.400 |

7. Installation and Upgrade

- To install Telex System Manager 2.400



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System Manager Version 2.400 Release Notes

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