TELEX
Radio Dispatch

Radio Dispatch Engineering Group

System Manager 1.500
Engineering Release Notes

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Revision E   June 8, 2012

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1. Revision History

Revision	Date	Author	Description
A	7/30/2008	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

2. Overview

This is the release notes for Telex System Manager firmware/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 1.500.

3. New Features

Version 1.500
- Added support for IP-224. Supports reading, writing, modifying, and copying IP-224 device parameters.

- IP packet TTL value, Device Detection timeout, Configuration Update timeout, and Firmware Update timeout are now user configurable parameters. These fields are located in Tools -> Options.

- System Manager now displays an LED icon in the Device List to indicate if a device is running a firmware version compatible with the version of System Manager. The LED colors mean the following:
    - Green – Device is running firmware compatible with this version of System Manager. System Manager can read and write parameters to this device
    - Red – Device is running firmware incompatible with this version of System Manager. The device's firmware must be upgraded to a supported firmware version before device parameters can be read or written.
    - Blue – System Manager detects this device on the network but does not support reading or writing device parameters for this device type.

4. Improved Features and Fixed Issues

Version 1.500
- General
    - Delete key is now recognized in the login username and password fields.
    - The firmware version for configuration files read from a file is now displayed in the device list's tool tip.
    - Improved exception handling if System Manager is unable to open a Telnet window.
    - Resolved issue which caused System Manager to become unresponsive if the Network Device list was being refreshed while System Manager was closing.

- ADHB-4 Configuration
    - Changed "Console Name" field to "Position Name".
    - Deck Mic Connector Setup field is now being read correctly from the ADHB-4.
    - Microphone Input Noise Threshold settings were not being copied when copying configurations between ADHB-4s.

- o Resolved issues where certain device firmware checksum values would cause System Manager to crash.
- o The Console Name and IP Address fields were being recorded to an ADHB-4 even if the Record Name & IP Address checkbox was unchecked.
- o The following fields were not being saved correctly:
  - Console Generated PTT
  - Footswitch PTT
  - NENA PTT
  - PTT Priority

- IP-1616 Configuration
  - o Account Setup checkboxes now matches the IP-1616's webpage Account Setup.
  - o Added Gain setup as a configurable setting in Account Setup.
  - o Added logic to disable the TX All Enable Key field if TX Blocks were configured for any of the lines.
  - o Added support for up to 15 Local Console IP Addresses.
  - o Can now read and write to the System Manager Enabled and TTL fields on Multicast tab.
  - o Changed label for RX Block field from seconds to milliseconds.
  - o Combined Paging and ID Directory fields in Account Setup.
  - o Disabled the Record Name and IP Configuration checkbox when recording the IP-1616's configuration. Version 4.100 of the IP-1616 does not support changing the Console Name or Base IP Setup parameters via System Manager.
  - o Entries in ID Directory can now be deleted via the 'X' delete button.
  - o Fixed issue with reading the ID Directory parameters in version 4.100 of IP-1616.
  - o Handset Speaker Gain drop menu no longer displays duplicate values if the configuration is re-downloaded from the device.
  - o Removed the following fields:
    - DNS 3 field from the Network Setup tab.
    - The Aux Relay Button field under System Setup in Copy Configuration. Settings can be copied using the NEO10 Aux Relay Button field under Multicast Setup.
  - o Renamed the following fields to match the IP-1616 webpage:
    - "RX Only" to "TX Inhibit" on the ID Directory tab.
    - "Custom Accounts" to Created Accounts in Account Setup tab.
    - "TX/RX Block" to "RX/TX Block" on RX/TX Block tab.
    - "Nextel Phone" to "iDEN Phone" on Per Line Setup tab.
  - o The following fields were not being copied correctly
    - Line Type in Multicast setup
    - Base IP in Multicast setup
    - Multicast IP in Multicast setup
    - TX Port in Multicast setup
  - o The following fields were not being saved correctly:
    - Disable Call List in System setup
    - Enable ID Lookup parameter in ID Directory
    - Handset to Speaker in System setup
    - Multicast settings except for first two lines
    - Page String and Page Format in Paging
    - Pair Mode configuration in Per Line setup
    - SNTP Local Time Offset in Network setup
    - Tape Mix settings in System setup

- IP-2002 Configuration
  - Account Setup checkboxes now matches the IP-2002's webpage Account Setup.
  - Added Gain setup as a configurable setting in Account Setup
  - Added support for up to 15 Local Console IP Addresses.
  - Combined Paging and ID Directory fields in Account Setup
  - Disabled the Record Name and IP Configuration checkbox when recording the IP-2002's configuration. Version 4.100 of the IP-2002 does not support changing the Console Name or Base IP Setup parameters via System Manager.
  - Fixed issue where the TX Block field for line 1 was disabled when configuring line 2.
  - Fixed RX Block Time field so the field is displayed and saved in milliseconds. In previous versions this field was displayed and saved in seconds.
  - Handset Speaker Gain drop menu no longer displays duplicate values if the configuration is re-downloaded from the device.
  - Removed DNS 3 field from the Network Setup tab.
  - Renamed the following fields:
    - "Custom Accounts" to "Created Accounts" in Account Setup tab
    - "RX Only" to "TX Inhibit" in the ID Directory tab
    - "TX/RX Block" to "RX/TX Block" on RX/TX Block tab.
  - The following fields were not being copied correctly:
    - Per Line Radio settings when copying only the Radio settings
    - Select Call settings in Per Line setup.
  - The following fields were not being saved correctly:
    - Enable ID Lookup parameter in ID Directory
    - Pair Mode configuration in Per Line setup
    - System Manager and TTL fields in Multicast setup
    - RX/TX Block parameters in Per Line setup
    - Select Call settings in Per Line setup
    - Page String and Page Format fields in Paging
    - SNTP Local Time Offset in Network setup

- IP-223 Configuration
  - Added additional validation to ensure the Crosspatch PIN field is four digits.
  - Added additional validation to ensure the Crosspatch Drop All field contains the same number of digits as specified by the Dialing Digits field.
  - Fixed issue where iDEN Direct Connect and Group fields were being populated with data from the previous page.
  - Fixed data validation logic for the Relay Group field in Function Tone setup when importing via .csv file.
  - Function Tone – CTCSS data can now be imported via a .cvs file.
  - Modifying LAM Time or Busy Channel Lockout field on one line caused the parameter to be updated on both lines.
  - Renamed "Custom Accounts" to Created Accounts in Account Setup tab.
  - System and Channel fields in Function Tone-CTCSS setup can no longer be set to 0.
  - The following fields were not being copied correctly:
    - MSK Tone Gain fields
    - Ethernet Setup when copying only the Ethernet Setup or child parameters of Ethernet Setup
  - The following fields were not being saved correctly:
    - Crosspatch Drop All field in Crosspatch setup
    - Crosspatch RCP DTMF Decode field in Crosspatch setup
    - DNS 3 field in Network setup

- Serial Over IP fields would save only if another field was clicked before recording the configuration to the IP223.
- Serial Over IP TCP Client in Serial Over IP setup

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 v1.500 supports the following device firmware versions:

Device	Minimum Firmware Version
ADHB-4	v1.202
IP-1616	v4.100
IP-2002	v4.100
IP-223	v4.500
IP-224	v0.042

7. Installation and Upgrade

- To install Telex System Manager 1.500
    - If the .NET 2.0 framework or greater is not installed, first install using either through the Microsoft update.
    - Run setup.exe and follow the prompts.