



HelixNet

v4.0.28.0

RELEASE NOTES



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1 Introduction

1.1 Scope

This document describes the 4.0.28.0 firmware release of the HelixNet Digital Partyline product family.

1.2 Version 4.0.28.0

Minor release squashing bugs.

Bug fixes and enhancements:

- 37681, 37684, 37736 - Fixed a variety of mDNS issues
- 37680 - SA key press and release results in lost latched keys on expanded panels
- 37682, 37683 - Audio outputs on 4W and 2W modules occasionally missing the first syllable

Note: Upgrade of the new HXII-BP beltpack requires an additional *.ubifs.gz file to be uploaded to the HMS Main Station to enable automatic update of all beltpacks connected to the system.

1.3 Upgrade Instructions

Using the CCM browser-based interface with HMS-4X units running v3.0 or higher:

1. Download the two v4.0.28.0 upgrade files (.ccb and .ubifs.gz)
2. Within the CCM browser utility, navigate to **Device > General** on target HMS
3. Select the .ccb upgrade file and click **Upgrade**. Allow the system to update.
4. Select the .ubifs.gz upgrade file and click **Upgrade**. Allow the system to update.
5. Verify that the system is now updated to version v4.0.28.0 from within the **General** page.
6. **NOTE: Make sure to update all HMS units within the Link-Group. Open a CCM window for each individual HMS (the IP address on the device icon must be orange) to update that particular HMS unit.**

Using the front panel menus on HMS-4X units running v1.0 or higher:

1. Download the two v4.0.28.0 upgrade files to a USB Flash Drive (.ccb and .ubifs.gz)
2. Insert the USB Flash Drive into the USB port on the front of the Main Station
3. Press the Menu button on the HMS and navigate to: **Administration > Software > Upgrade**
4. Select the .ccb upgrade file within the 4th display and press the encoder to apply. Allow the system to update.
5. Press the Menu button and navigate to: **Administration > Software > Upgrade**
6. Select the .ubifs.gz upgrade file within the 4th display and press the encoder to apply. Allow the system to update.
7. Verify that the system is now updated to version v4.0.28.0
8. **NOTE: Make sure to update all HMS-4X units.**

Note: Upgrade of the new HXII-BP beltpack requires an additional *.ubifs.gz file to be uploaded to the HMS Main Station to enable automatic update of all beltpacks connected to the system.

2 Part Number Reference

2.1 Firmware

Part No	Description	File Type	Production Rev	Dev Issue	Last updated in Release
780G061	HelixNet System Firmware	*.ccb	B	4.0.28.1	V4.0
780G061	HelixNet HXII-BP	*.ubifs.gz	B	4.0.28.1	V4.0

2.2 Documentation

Part No	Description	Production Rev	Doc Issue	Last updated in Release
810589Z	HelixNet Partyline Quick Start Guide	E	E	V3.1
399G070	HelixNet Partyline 2.0 Quick Start Guide (HRM/HKB)	B	B	V3.0
399G051	HelixNet Partyline Linking Quick Start Guide	C	C	V3.0
399G230	HelixNet Partyline Roles Quick Start Guide	A	A	V4.0
399G299	HelixNet Partyline User Guide v4.0	A	A	V4.0
None	HMS-4X HelixNet Main Station Datasheet			
None	Digital-Analog Partyline Cabling Comparison Technical Guide			
None	HelixNet Cabling Calculator			
None	SFP Chart for Clear-Com Products			
None	HelixNet Passcode Customer Letter Template			

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3 Known Issues

This section details those issues that contradict the relevant manuals included in this release. These issues have not yet been resolved and are listed here to help you use the system more effectively.

21235	Audio clicks occasionally heard when connecting and disconnecting beltpacks to a powerline that has more than 7.
25544	Rapid changes within the Front Panel menu on a Main Station may sometimes be missed.
26126	Call signalization not working after pairing a beltpack to another Main Station. Rebooting either the beltpack or HMS fixes the issue.
28442	Hostname header is selectable within the Roles Menu on Endpoints.
28593	Audio level not changing when "Rotate Display" option is enabled and only one Channel has been assigned to the Beltpack.
28600	During an update that includes a large number of HXII-BP endpoints, the number of devices updating displayed on the front panel may not be accurate initially.
28601	Support info unable to complete after upgrade until the unit is rebooted
28665	Occasionally, CCM incorrectly reports a failure during a firmware upgrade operation.
28696	Very rare linking failure between HMS Main Stations during bootup.
28718	When connecting a HXII-BP beltpack over IP to an HMS running 3.0.x, beltpack does not show that there is a discrepancy between firmware version running on the BP and HMS. Result is single-direction call signalization and audio.
28834	Occasionally, a beltpack may fail to pair to its host Main Station during bootup. Rebooting device normally fixes the issue.
34439, 34837, 36362, 36671	Changes to either the IP Address or Hostname of any Link-Group member may result in a disconnection of that device until one or all affected units are rebooted.
36614	Performing a Reset-to-Default operation on HMS resets 2-wire Nulling parameters therefore requiring the interface to re-Null after the reset operation has completed
36646	When running 3.1.46 or a greater version of firmware on a HXII-BP beltpack, downgrading to any version of firmware below 3.1.46 is not supported and will lock (brick) the unit if attempted. Workaround: If a downgrade of a system is required, disconnect and remove any HXII-BP beltpack devices from the system prior to the downgrade and only reconnect when the system has once again been upgraded to a version of firmware that is 3.1.46 or above.
36687	Unable to restore a HelixNet archive file when attempted through a linked LQ CCM host. The only way to restore a HelixNet archive is to direct the web browser and access the CCM on any HMS member of the Link-Group.
36692, 36714, 36715	CCM not displaying correctly while in portrait mode on iPad.
36881	When HMS or HRM panels are in "expansion" mode, upon releasing a currently pressed "All Talk" button on the "host" device within the expansion set will remove the audio routes of any latched Talk keys on the expansion panels but leaving keys illuminated. Unlatching and then latching the key will resolve the issue.