**Release Notes**

# HelixNet
# v3.1.46.0
# RELEASE NOTES

Date: 01-Sep-2017

Release: v3.1.46.0

Doc Part No: 399G248 Rev A

CONTENTS

# 1 Introduction

## 1.1 Scope
This document describes the v3.1.46.0 release of the HelixNet Digital Partyline product family.

## 1.2 Version 3.1.46.0
Minor release providing enhancements and bug fixes.

Bug fixes and enhancements:
- ➢ Fixed a production issue with HXII-BP. New HXII-BP can no longer downgrade to 3.1.45.0.
- ➢ Upgrading HXII-BP requires a separate file (*.ubifs.gz) to be copied on HMS-4X

## 1.3 Upgrade Instructions

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

1. Download the two v3.1.46.0 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 v3.1.46.0 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 v3.1.46.0 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 v3.1.46.0
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 | A | 4.0.18.1 | *V4.0* |
| 780G061 | HelixNet HXII-BP | *.ubifs.gz | A | 4.0.18.1 | *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 | | | |

# 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.

| | |
|---|---|
| 28593 | Audio level not changing when Rotated Display and single channel<br>   Workaround: Configure with same channel on both keysets |
| 28834 | BP stuck unable to pair despite having valid IP address<br>   Info: Happens very rarely right after reboot. Next reboot is OK. |
| 28665 | CCM reported a failure during software update<br>   Info: Happens rarely. Software Update succeeded but CCM shows it did not |
| 25544 | FP: Last value selected is not applied and the user is kicked out of the menu<br>   Info: Happens sometimes when making changes very quickly on menus. |
| 28718 | HXII-BP connect to 3.0.x MS and does not show Version Mismatch<br>   Info: Happens when connecting Beltpack over Ethernet. Beltpack does connect but with one way Call and audio.<br>   Workaround: Upgrade HMS to 3.1 |
| 28696 | Linking failed on one MS, causing missing audio and incorrect channel settings<br>   Info: Happened twice during 350+ reboot tests. Did not happen on power cycle tests. Next reboot is always fine. |
| 21235 | HRM-4X audio gaps when plugging and unplugging 8 BP to powerline.<br>   Info: When unplugging/re-plugging a line of 8-10 beltpacks, this causes 4-5 audio clicks (less than 20ms gaps) spread over roughly 20 seconds. |
| 28601 | Support info incomplete after software update<br>   Info: After an upgrade and until the next reboot there is some un-freed memory. On a big system this prevents the Support Info from completing. All is good after the next reboot. |
| 28442 | The hostname is shown at the top of a list called Roles.<br>   Info: The hostname is there for quick reference but because you can scroll to it like roles makes it confusing. |
| 26126 | Unable to call local main station from BP after swapping main station<br>   Info: Requires moving the BP from one HMS to another followed by a temporary loss of linking between HMS. All that while HMS are up and running. Next reboot of either HMS or Beltpack does recover. |
| 28600 | Update banner's devices count is misleading when some HXII-BP start their upgrade<br>   Info: Happening when a lot of HXII-BP start upgrading at the same time. Count is fine once they all reach the Flash Erasing stage |