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XBee LR Release Notes

XBee LR

Version A5013 - (May 1, 2025)

INTRODUCTION

These release notes document changes made to the firmware on the XBee LR modules..

- [Product Information](#)
- [Documentation](#)
- [Support](#)

SUPPORTED PRODUCTS

- XB-LR – XBee LoRaWAN module
 - Micro (MMT)

KNOWN ISSUES

1. *There are no known issues in this release.*

UPDATE CONSIDERATIONS

XBee Studio is recommended for updating the firmware of your radio module to the latest firmware version: www.digi.com/xbee-studio

The following files are included in XBee XR 900 firmware releases:

- Firmware
 - .gbl: Firmware image for serial updates. This image will also upload the bootloader if the included version is newer than what is currently installed on the device. It is recommended to use this file for most updates.
- Configuration
 - .xml: XBee Studio configuration
 - file

UPDATE BEST PRACTICES

Digi recommends the following best practices:

1. Test the new release in a controlled environment with your application before you update production devices.
2. Unless otherwise noted, apply updates in the following order:
 1. Device firmware
 2. Modem firmware
 3. Configuration
 4. Application

TECHNICAL SUPPORT

Get the help you need via our Technical Support team and online resources. Digi offers multiple support levels and professional services to meet your needs. All Digi customers have access to product documentation, firmware, drivers, knowledge base and peer-to-peer support forums.

Visit us at <https://www.digi.com/support> to find out more.

CHANGE LOG

A5013 – XBee LR (May 1, 2025))

- This is a recommended hotfix release
- Bootloader version: 1.01.1
- Hardware Revisions: XB-LR Rev A

NEW FEATURES

- N/A

ENHANCEMENTS

- Improved validation for AT command length to prevent malformed input across several commands
- Resolved issues related to re-entering command mode after execution.

SECURITY FIXES

- N/A

BUG FIXES

- Fixed command handling that could lead to unexpected system behavior and slow serial responses.

A5012 – XBee LR (April 2, 2025)

- Bootloader version: 1.01.1
- Hardware Revisions: XB-LR Rev A

ENHANCEMENTS

- Updated AT command response format to return hex values for improved tool compatibility.
- Improved AT command support and validation for: AK, NK, AS, NS, A1, N1, A2, N2, LC, DE, SH, SL, AE, DA, DX, CM.

SECURITY FIXES

- N/A

BUG FIXES

- Fixed issue with API Guard Time causing command delay.
- Resolved XML default value inconsistencies and formatting bugs.