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XBee LR Release Notes

XBee LR

Version A5102 - (April 1, 2025)

INTRODUCTION

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

- [Product Information] (Product information page coming soon)
- [Documentation](#)
- [Support](#)

SUPPORTED PRODUCTS

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

KNOWN ISSUES

1. ~~Certain LoRaWAN related AT cmds may take excessive time to respond. These commands include:~~
 - ~~ATJS~~
 - ~~ATDE~~

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 LR firmware releases:

- Firmware
 - GBL: Firmware image for gateways and OEM serial
 - updates
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- Configuration
 - XML: XCTU-NG 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

Digi recommends Digi Remote Manager for automated device updates. For more information, go to <https://www.digi.com/products/iot-software-services/digi-remote-manager>.

If you prefer manually updating one device at a time, follow these steps:

Serial firmware updates:

Invoke the bootloader using one of two methods:

- Issue the %P AT Command
- [Using hardware flow control lines](#)

Interface with the bootloader at 115200 baud and transfer a bootloader or firmware image as per the [user guide](#).

An [XBee MultiProgrammer](#) is available for serial firmware updates in a production environment.

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

A5012 - XBee LR (April 1, 2025)

- This is a required release
- Bootloader version: 1.1
- Hardware Revisions
 - XBLR-RM-001
 - Rev A

 - XBLR-UM-001
 - Rev A

NEW FEATURES

ENHANCEMENTS

- 1. Updated AT command response format to return hexadecimal values for improved tool compatibility. These commands include: AK, NK, AS, NS, DE, AE

SECURITY FIXES

BUG FIXES
