

NEXEDGE®

Release Notes

Information for December 2025 Update

NX-5000 Series	R6.0
NX-3000 Series	R5.0

Last Updated:	1st. December. 2025
Language:	English
Document No:	RN-25-0002
Version:	1.00

Contents

Document Copyrights	- 2 -
Disclaimer	- 2 -
1. RELEASE INFORMATION	- 3 -
1.1. Radio Equipment Directive-RED-DA	- 3 -
1.1.1. Firmware format change	- 3 -
1.1.2. KFL change.....	- 4 -
2. FIELD PROGRAMMING UNIT (FPU) CHANGES.....	- 5 -
2.1. KPG-D1/D1N.....	- 5 -
2.2. KPG-D3/D3N.....	- 5 -
Revision History.....	- 5 -

Document Copyrights

Copyright 2025 is owned by JVCKENWOOD Corporation. All rights reserved.

No part of this manual shall be reproduced, translated, distributed or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, for any purpose without prior written consent from JVCKENWOOD Corporation.

Disclaimer

This document is intended to provide basic and general information about the specifications of the products listed above and the system configuration. The intended purpose of all technical descriptions herein shall be to improve your understanding of product specifications and system configuration. The descriptions provided in this document are carefully examined and are believed to be entirely reliable. JVCKENWOOD Corporation shall be entirely free from any responsibility and liability for inapplicability, damage or loss arising from inaccuracies in this document and reserves the right to change the product specifications herein to improve readability, function or product design. The applicability of the descriptions in this document may vary depending upon the product specifications and configurations of relevant equipment.

Furthermore, you are neither licensed nor entitled to use and/or divert any descriptions in this document to your application.

Contact JVCKENWOOD Corporation for further details.

The AMBE+2™ voice coding Technology embodied in this product is protected by intellectual property rights including patent rights, copyrights and trade secrets of Digital Voice Systems, Inc.

NEXEDGE® is a registered trademark of JVCKENWOOD Corporation in the U.S. and other countries

NXDNTM is a trademark of Icom Incorporated and JVCKENWOOD Corporation.

All other product names referenced herein are trademarks or registered trademarks of their respective manufacturers.

1. Release information

1.1. Radio Equipment Directive-RED-DA

The following new versions will be released in early December 2025:

- NX-5000 Series: R6.0
- NX-3000 Series: R5.0

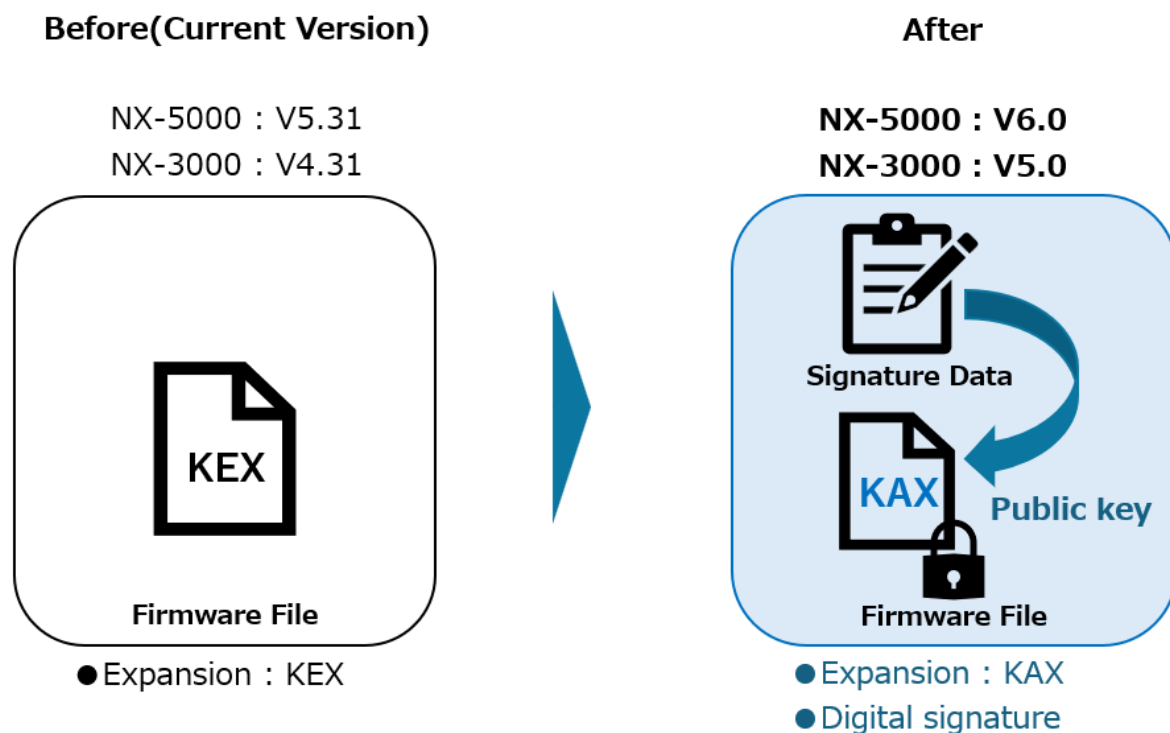
This update addresses the cybersecurity requirements of the European Radio Equipment Directive-RED-DA, which came into effect on August 1, 2025. Radio equipment marketed in the EU after this date must comply with these requirements.

The changes are as follows:

- Firmware file format
- Kenwood Firmware Loader (KFL)

1.1.1. Firmware format change

To prevent unauthorized tampering of firmware files by third parties, the firmware format will be changed so that tampering can be detected, the firmware will not be written to the radio. The firmware file extension will change from KEX to KAX format to distinguish it from existing firmware files. Additionally, the KAX format will support digital signatures for enhanced security.

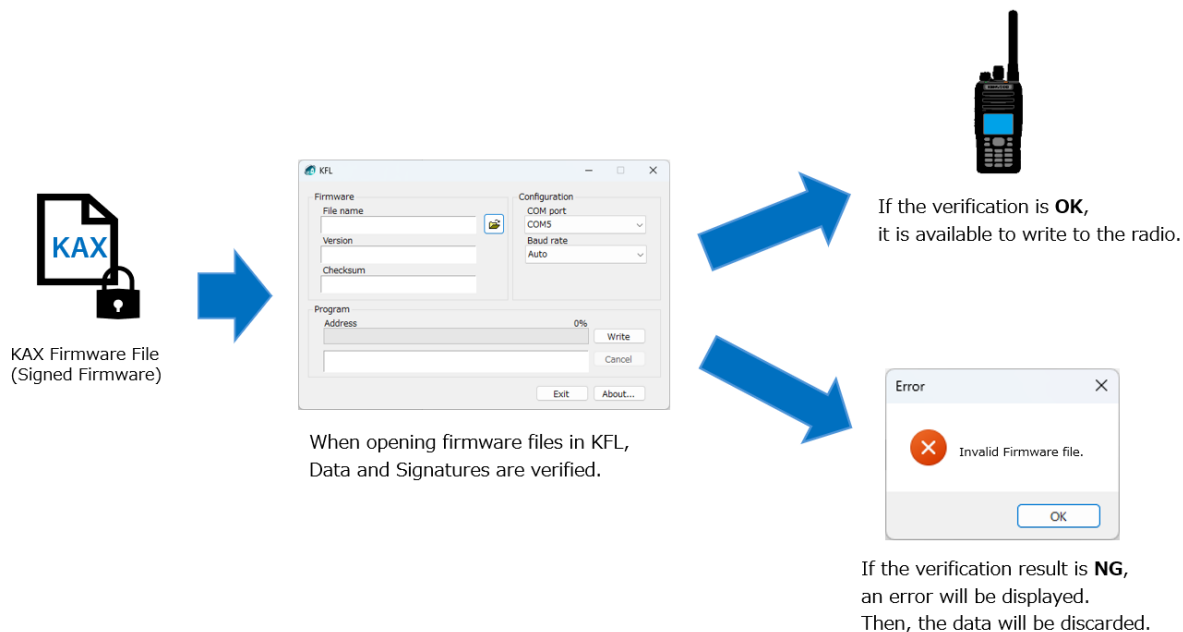


1.1.2. KFL change

As the firmware format changes, KFL is also updated.

KFL version 1.30 or later is used to write KAX format firmware.

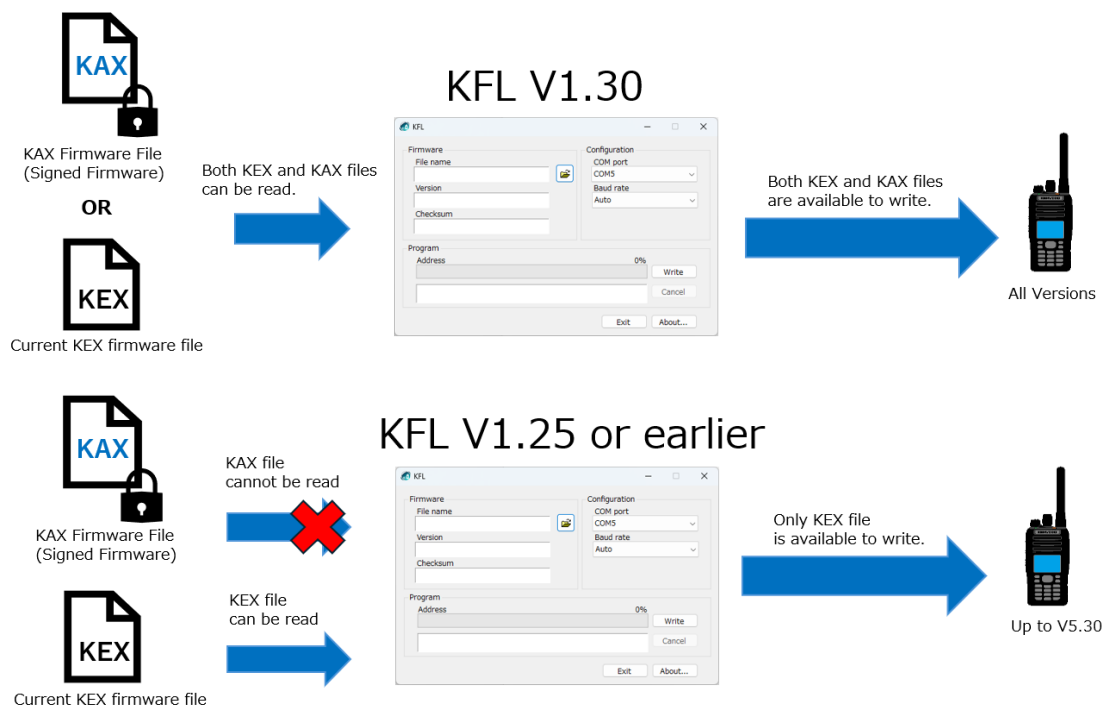
When opening KAX format firmware from KFL version 1.30, the firmware and signature data are checked. If the check result is NG, an error is displayed, and the data is discarded.



KFL V1.30 can load firmware files in both the newly added KAX format and the currently released KEX format.

KFL V1.25 and earlier cannot load KAX format firmware files.

All firmware versions can be written by KFL version 1.30 to radios.



2. Field Programming Unit (FPU) Changes

2.1. KPG-D1/D1N

The FPU version has been updated to V5.31, However there are no additional functions. All versions including NX-5000 series firmware version 6.0 can be read/written.

The included KFL has been changed to version 1.30.

2.2. KPG-D3/D3N

The FPU version has been updated to V4.31, However there are no additional functions. All versions including NX-3000 Series Firmware Version 5.0 can be read/written.

The included KFL has been changed to version 1.30.

Revision History

Version	Date of issue	Note
1.00	1 st December 2025	First Release