



Software Release Notes for nordicAktiva v2.1

Date: July 10th, 2026

Introduction

These release notes describe the bug-fixes and enhancements included in nordicAktiva, software version 2.1 released on 10.07.2026.

Overview

This update provides a combination of minor new features, the removal of the Docker Desktop application, the provision of endpoints and linux compatibility to permit integration with GE MR scanner software, and a general security update.

Resolved Issues

- Docker Desktop dependency has been removed.
- Issues related to slide/trial errors within the Paradigm Builder were resolved.
- Bug relating to renaming new trial has been fixed.
- It is now possible to specify 'no button press' as an expected response to a slide.
- Template paradigms now contain slide placeholders for all versions.
- Option to 'Clone' blocks is now available.
- Inability to add variables to paradigms with no variables has been fixed.
- 'Backup' and 'Restore' scripts now available to create backup of user paradigms. See Installation Instructions for further details.

Enhancements

1. **Display orientation controls**
Within the Display Settings, it is now possible to change the orientation of the patient display. This improvement removes the need to change the display orientation for fMRI physically on the MR room monitor, or via nordicComfortPlayer.
2. **Audio controls**
Within the Audio Settings, controls for volume and balance are included. These are directly connected to the Windows volume and balance settings.
3. **nordicAudio connection status**
When using nordicAudio with USB connection to the PC, feedback that the device is connected is now available via the Hardware Toolbar*.
4. **Changes to facilitate GE Healthcare integration**
For users of MR scanners from GE Healthcare, access to core functionality of nordicAktiva v2.1 will now be available directly from the scanner console. This applies to MR Concerto Software for Gershwin and future software releases. To facilitate this, API endpoints were made available for the following functionality in a linux environment:
 - Selection of paradigms from the nordicAktiva Paradigms v2.0.2 library, which is provided with nordicAktiva v2.1
(Note: On selection of a paradigm, the scanning protocol will automatically populate with the required paradigm timings)
 - Run, stop, pause and resume of paradigms
 - Check of the SyncBox connection status

Supplementary Notes

- The software can be installed on Windows 11 by running the installer nordicAktiva v2.1 Setup.exe, available on request. See Installation Instructions for further details
- Paradigms remain a separate installer, available on request
- Resources web page www.nordicneurolab.com/HelpAll/nordicAktiva has been updated, and is available via the Help menu. Supporting documents such as Paradigm Syntax description are available here
- User paradigms can be shared via the 'Paradigm Sharing' space within the NNL Online Forum <https://forum.nordicneurolab.com/c/forum/>.

Known issues

Issue	Description	Suggested work-around
Too fast re-boot of SyncBox may cause issue detecting connection	Switching off the NNL SyncBox and switching it back on within a few seconds can result in nordicAktiva failing to detect the connection. The 'Autodetect' may also fail, and the issue may persist when restarting the software.	If rebooting the SyncBox is required, wait 20 seconds after switching off, before switching on. The SyncBox connection should re-establish automatically after a few seconds.
Conversion of paradigms from previous versions of nordicAktiva can fail	Although there is a conversion option for paradigms from v1.3 (or earlier) to v2.0, the structure required for v2.0 is more rigid. Furthermore, there have been some changes in paradigm structure between v2.0.0 and v2.0.1. User paradigms may not convert without some small changes to the code.	User paradigms from v2.0.0 should be exported as a back-up prior to updating the software, and tested fully in v2.0.1. If user paradigms do not appear in the library after updating to v2.0.1, they can be imported. Error messages should appear on import if there is an issue. Please contact applicationsupport@nordicneurolab.com if you need assistance.
Media files may need to be re-imported into slides after conversion from previous nordicAktiva versions	There may be cases with User paradigms after updating the software where a media file, for example video/audio, is no longer attached to a slide.	The media files will still be present in the paradigm folder within 'assets' in the folder where nordicAktiva has been installed. To solve the issue, simply open the slide in the Paradigm Builder and re-import the video file to attach it to the slide.
Paradigm editing with touchscreen can cause issues	Not all functionality within the Paradigm Builder works with touchscreen, for example drag and drop of Blocks / Trials.	When editing paradigms, it is recommended to use a keyboard and mouse, if nordicAktiva is typically used with a touchscreen monitor.

System Requirements

Please see Installation Instructions for details of minimum requirements.

Contact

For questions or problems, please contact support:

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Support can also be obtained by asking a question in the NNL Online Forum:
<https://forum.nordicneurolab.com/c/forum/>