

# NovoTouch EK-2 Release Notes

## V4.5.7

2024/4/30

### New Features

- Remote Manager Cloud is supported.
- Singlewire (mass-notification) functionality is added to NovoDS.

### Enhancements & Changes

- [Note App] Google Drive and OneDrive are enabled for file uploads.
- [Android Settings App] Hotspot settings page is added.
- [NovoDS App] NovoDS App is updated to V4.3.2

### Bug Fixes

- Fixed the issue where repeatedly clicking on Sticky Note causes the Note App to crash.
- Fixed the issue where ChromeCast stopped working for Chromebooks. (This issue was caused by Chromebook software update.)
- Fixed the issue of YouTube playback failure. (This issue was caused by security changes by Google's YouTube service.)
- Fixed the issue where apps downloaded and installed from the NT APP Store or Google Play Store would not display correctly in the App Menu after installation.
- Fixed the issue where renaming recorded videos in NT Minutes would result in duplicate copies of the video.
- Fixed the issue where videos recorded in NT Minutes could not be played from the View Gallery.
- Fixed the issue where NT LiveScreen failed to transmit

video streaming when no external microphone was connected.

## V4.5.5

2023/7/27

### Notes

- Model name: EK653i, EK753i, EK863i
- Use the following software versions (or above) to have the best user experience.
  - Remote Manager with version V3.3.4 or above.
  - NovoConnect Software and Wi-Fi Launcher with version V4.5.5 or above.
  - NovoConnect App (Android/ iOS) with version V4.5.4 or above.

### New Features

- Enabled Touchback for Miracast.
- Added “Broadcast” feature in NT LiveScreen, which allows users to view the NovoTouch screen via a web browser on a tablet, a mobile phone or a laptop.

### Enhancements & Changes

- Updated Note App (whiteboard App)
- Updated NovoDS App to V4.2.4
- Updated BYOM device driver to V1.35

### Bug Fixes

- [NovoConnect App] Fixed an issue where YouTube clip was not playable.
- [NT Settings] Fixed the issue blocking access to password setting page when both Password Protection and Screen Lock were enabled.
- [NT LiveScreen] Resolved the video transmission issue

when microphone was enabled in NT LiveScreen settings but a microphone was not present.

## V4.5.3

2022/6/2

### Enhancements & Changes

- Updated BYOM device driver to V1.31
- Added new restful API: Auto Reboot
- Added new item in factory settings: Android Enable[ON/OFF]

### Bug Fixes

- Fixed an issue of popping up the query window after restarting NovoTouch when the NT APP Store was selected.
- Fixed an issue of NovoTouch (device) displaying default signal source on cold boot and previous (before shutdown) signal source on warm boot.
- Fixed an issue of BYOM not working on Windows for Bose, Polycom, ClearOne camera.
- Fixed the issue that NovoConnect APP was not fully launched after NovoTouch switched the input source.

## V4.5.1

2022/4/8

### Bug Fixes

- Fixed BYOM failing on EK2 after upgrade.
- Fixed the issue of BYOM not being able to use RDM to enter license for remote activation when upgrading using Ethernet instead of Wi-Fi.

# V4.5.0

2022/2/11

## Notes

- Model name: EK653i, EK753i, EK863i
- To fully exercise the new features developed in this release, the following Software are required
  - Remote Manager with version V3.3.1 or above.
  - NovoConnect Software and Wi-Fi Launcher with version V4.5.0 or above.
  - NovoConnect App (Android/ iOS) with version V4.5.0 or above.

## New Features

- Added BYOM to session info (Lite/Full mode) in NT Launcher.
- Add BYOM info in Home Screen Configuration, the factory value is "On".
- Support BYOM function, users can purchase serial number or register for 30-day free trial.
- Session info will show the Camera/Microphone/Speaker on the device detected by the NovoTouch when BYOM is enabled, and the BYOM icon will be displayed in the bottom right corner of the home page.
- Support using NovoTouch or Remote Manager V3.3.1+ to upload BYOM license code.
- Added software remote control function.
- Added the function of hiding NT App Store & Google Play Store through Remote Manager V3.3.1+.
- Added NovoDS default Playlist, if NovoTouch has not uploaded the playlist, use the Remote control to click NovoDS to play the default Playlist.

## Enhancements & Changes

- [SECURITY] Properly throws exceptions from

SmbTransportPool.logon (jcifs-ng 2.0.6)

- [SECURITY] Do not leak NTLM session keys (jcifs-ng 2.0.4)
- Added "Playlist Schedule" to session info (full mode) in NT Launcher
- It will ignore the auto-start playlist option and schedule the playlist first if NovoTouch has a schedule.
- Auto-play setup will be disabled when there is a schedule in progress.
- Added auto-clear and clear accounts to clear history.
- Sleep time (enter sleep mode after idle time) and Auto-play settings are mutually exclusive, only one can be enabled at a time and Auto play and NovoDS Schedule will not be played during sleep.
- Device launch time specification adjustment
- It will play the scheduled playlist if the launch time is within the schedule.
- It will play the default playlist if the launch time exceeds a predetermined range.

## **Bug Fixes**

- Fixed the issue that NovoDS Auto play or NovoDS Schedule would automatically wake up the NovoTouch when the NovoTouch sets the sleep timer.
- Fixed a black screen issue when projecting again after the client uses the NovoTouch sidebar and returns to the NT launcher.
- Fixed the problem that the system randomly displayed a black screen when the client connected to wake up the NovoTouch when the NovoTouch was sleeping.
- Fixed a random black screen issue when NovoTouch client connects and starts projection while playing a playlist on NovoDS.
- Fixed an issue of triggering the Home button to cause the system to crash when the NovoTouch powered off and then powered on, woken up from sleep, or returned to the

NT Launcher from other APPs.

- Fixed an issue where auto-start would be triggered after manually stopping the NT Launcher while NovoTouch auto-start was enabled.

## V4.4.2

2021/11/19

### Bug Fixes

- Stability and performance improvements

## V4.4.1

2021/9/24

### Notes

- Model name: EK653i, EK753i, EK863i
- To fully exercise the new features developed in this release, the following Software are required
  - Remote Manager with version V3.2.0 or above.
  - NovoConnect Software and WiFi Launcher with version V4.4.0 or above.
  - NovoConnect App (Android/ iOS) with version V4.4.0 or above.

### Enhancements & Changes

- Added Trello, Slack, Miro Online whiteboard, Asana Your work manager, Kahoot! Play & Create Quizzes to NT App Store.
- Improved the method of handling image size mismatch when replacing the background image of the NT Launcher with USB.
- Added the room name to the session info (lite version) on the NT Launcher homepage when in Miracast mode.

## Bug Fixes

- Fixed the not responding issue of clicking Home/APP menu in Sidebar after restarting the device when connected to external resource of NT-C2100, switched to HDMI and then turned off.
- Fixed issue when downloading the upgrade file, the system log exceeds 60MB.
- Fixed the issue that the NT Launcher home page was incorrectly displayed after the old version was upgraded to the new version.
- Fixed the issue of not capable to drag Shortcut to the boundary of the third page on the NT Launcher homepage.
- Fixed the incomplete text displayed on the widgets and pages of NT Launcher multi-language parts.
- Fixed an issue where the RVA screen displayed abnormally in split-screen mode after using video clips to play YouTube or local videos through the iOS NovoConnect APP.

## V4.4.0

2021/9/3

### Notes

- Model name: EK653i, EK753i, EK863i
- To fully exercise the new features developed in this release, the following Software are required
  - Remote Manager with version V3.2.0 or above.
  - NovoConnect Software and WiFi Launcher with version V4.4.0 or above.
  - NovoConnect App (Android/ iOS) with version V4.4.0 or above.

### New Features

- NT Launcher:
  - New homepage design, including concise/full

version of “Session info”, viewing user list, and long pressing to move location.

- New widgets to the homepage, zooming the widget window, and long pressing to move the widget position.
- The homepage can be added up to 3 pages, and press reset to restore the factory settings.
- NovoDS App two-state settings: “AutoPlay” and “Idle”, the default setting is “Never”.
- Support Miracast.
- NT Launcher background image customization via USB storage.
- NT announcements can be configured via Restful API or RDM V3.2.0+, and the factory setting is disabled.
- NT minutes to record system sound, USB microphone sound and Note writing process.
- Gmail Share when using NT Snapshot.
- Automatic detection of time zone, the default setting is GMT +00:00.
- Upload multiple passwords to lock screen and clear passwords via RDM V3.2.0+.
- The return key in the lower left corner is not displayed during playback.
- Support NovoDS APK independent update.
- [Device/Cloud] NT Bulletin (Turn on/off user interaction via [novods.com](http://novods.com)).
- Support “Auto-Select State” in Cloud Service Setting.
  - (Three states: “Auto-Select”, “Select Cloud Service” and “Select NovoDS Studio”).

## **Enhancements & Changes**

- Skype: Clear History, Account and Data.
- GBoard as the default input method.
- Network Stability Monitor, default: Enable.
- Meeting ID, default: Enable.
- Modified the text description and prompting the user to



install the Full version when LauncherPlus Lite is connected to the educational version of the device.

## Bug Fixes

- Fixed System Log exceeding 60 MB problem.
- Fixed the problem of automatic wake-up after device sleeps.
- Fixed the issue of displaying the new version available for upgrade on the top of the RVA after software is upgraded.
- Fixed the issue of NT LiveScreen crashing randomly or reporting incorrect status.

## V4.3.1

2021/4/28

## Notes

- *Model name: EK653i, EK753i, EK863i*
- *To fully exercise the new features developed in this release, the following Software are required*
  - *NovoConnect Software & WiFi Launcher with version V4.0.0 or above..*
  - *NovoConnect App (Android/ iOS) with version V4.4.0 or above.*
  - *RemoteManager with version V3.1.7 or above.*

## Bug Fixes

- *Fixed issue: if “standby after startup” was enabled and system was restarted, (EK-2) Panel Backlight would continuously turn on then turn off and never stop, the user have to refresh firmware to stop it.*
- *Fixed the Airplay lag issue on MacBook Pro for some screen resolution*

# V4.3.0

2021/2/9

## Notes

- Model name: EK653i, EK753i, EK863i
- To fully exercise the new features developed in this release, the following Software are required
  - Remote Manager with version V3.1.7 or above.
  - NovoConnect App and LauncherPlus with version V4.0.0 or above.
  - NovoConnect App (Android/ iOS) with version V4.4.0 or above.

## New Features

- Screen Lock with a 4-digit password
- Screen Lock by NFC/RFID tag (RFID reader is required)

How to create RFID login list: Use Remote Manager V3.1.7 or above to edit RFID login list

- Adjustable Panel background blue light which is adjustable via side bar menu or Remote Manager (with version V3.1.7 or above)
- Apps Auto Start via NT Settings.
- Panel Sleep Timer which is configurable via NT Settings, Remote Manager or RESTful APIs
- HDMI CEC with [On/Off] setting which is configurable via NT Settings or Remote Manager (default: Off)
- Auto Reboot with [On/Off] setting which is configurable via NT Settings or Remote Manager (default: Off)
- Setting Lock with [Enable/Disable] setting which is configurable via NT Settings or Remote Manager (default: Disable)
- Direct Power On with [On/Off] setting which is configurable via NT Settings or Remote Manager (default: Off)

- Network Stability Monitor with [On/Off] setting which is configurable via NT Settings (default: Off)
- **[Home Screen (NT Launcher)]** History clear setting, by one button clicking to remove Apps and folders according to the setting.
- LauncherPlus (full version) Client Auto Moderator support. The first connected LauncherPlus client set itself as moderator automatically when the device is in Education mode
- Controlling NT Live Start/Stop and switching Broadcast/Receiver dynamically via NovoConnect App [on Windows and Mac]
- Enhanced RESTful APIs to turn on/off screen via Remote Manager

## **Enhancements & Changes**

- Enhanced On-Screen Annotation
- Data Encryption Support for communication with **Remote Manager**
- Data encryption support for File Sharing, Voting, and AirNote
- Improved Mirroring App startup procedure and Reduced App launch time
- Brand new APP icon for NT LiveScreen and NT LiveReceiver
- Added password protection for getting into Android Settings [NT Settings > General > Advanced]

## **Improvements**

- [Signage (NovoDS)] Feature set is updated to NovoDS V3.5.0.
- [Screen-shot (NT Snapshot)] Enable users to send screenshot images directly to Note App

## **Bug Fixes**

- Fix for Energy Star logo disappearing issue in EK653i
- Fix for Google Meet App crash issue during startup (by

- upgrading App via NT APPS)
- Fixed crash issue caused by adding more account on Google Drive
- Fixed showing “Detail of Malware” issue on WPS office
- Fix for Novo Upgrade not responding issue
- Fix for no input audio issue from USB microphone for NTLive App
- Fix for YouTube live Stream not responding issue on AirPlay
- Fix for lagging issue for AirPlay mirroring

### **Known Issues**

- No Bluetooth microphone support for NTLive App

## **V4.2.0**

2020/7/24

### **New Features**

- [Home Screen (NT Launcher)] Introduce a new design that enables users to add, remove, and relocate Apps on home screen
- [LaunchNow (NovoConnect)] Internal webpage supports “LaunchNow” capability (Namely, users can start mirroring using a web browser.)
- [Device Management] Users can turn on/off screen using Remote Manager or RESTful APIs

### **Improvements**

- [Signage (NovoDS)] Feature set is updated to NovoDS V3.5.0.
- [Screen-shot (NT Snapshot)] Enable users to send screenshot images directly to Note App
- [Mirroring (NovoConnect)] Improve clarity of screen mirroring at 1080p resolution
- [WiFi Hotspot] Default channel is changed from 8 to 40

to reduce the chance of WiFi channel congestion

## **Bug Fixes**

- [Screen Recording (NT Minutes)] Fixed the issue of “jerky/irregular playback of the screen recording clips”
- [Remote Manager] Fixed the issue of “Reboot Now does not work”
- [Signage (NovoDS)] Fixed the issue of “not supporting two Google Drive URLs in one playlist”
- [Signage (NovoDS)] Fixed the issue of “program crashes when Remote Snapshot is enabled”
- [Signage (NovoDS)] Fixed the issue of “RESTful APIs do not work”
- [System] Improved system stability by fixing a number of defects