NC-X900 Release Notes

V4.2.3

2024/01/10

Notes

- Model name: NovoConnect NC-X900
- To fully exercise the new features developed in this release, the following Software are required
    - Remote Manager with version V3.3.4 or above.
    - iOS NovoConnect App with version V4.5.4 or above.
    - Android NovoConnect App with version V4.5.5 or above.
    - NovoConnect Software with version V4.5.5 or above.
    - BYOM device driver with version V1.41

New Features

- Implemented NovoDS APIs to allow users to create playlists programmatically

Enhancements & Changes

- Removed "Web Conferencing" button from the home-screen
- Updated BYOM driver to V1.41 (latest version)
    - Aver cameras are supported now, including models VB130, PTZ2310, and PTC310.
- Updated NovoDS' web engine to support some modern webpages

Bug Fixes

- [Screen mirroring] 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.)

V4.2.2

2023/01/16

Notes

- Model name: NovoConnect NC-X900
- Use the following software versions (or above) to have the best user experience.
    - NovoConnect BYOM driver with version V2.1.0
    - BYOM device driver with version V1.38Use the following software versions (or above) to have the best user experience.

New Features

- Support clearing Settings lock (password) via SD card and/or remote manager.
- Support online update of NovoDS App.

Enhancements & Changes

- BYOM device driver updated to V1.38
- Use the following software versions (or above) to have the best user experience.
    - Default behavior is off (not displayed);
    - Removed the status indicator (yellow or green circle) at the bottom-right corner;
- Added new language, Slovak.
- Added BYOM support to Konftel 70 speakerphone.

Bug Fixes

- Fixed NT LiveScreen/NT LiveReceiver disconnecting about ten minutes after sending/receiving screen image data.
- Fixed an issue where NovoDS playlists could not be uploaded due to multiple clicks on the Cloud Service

menu item.

V4.2.1

2022/07/22

Notes

- Model name: NovoConnect NC-X900
- To fully exercise the new features developed in this release, the following Software are required
    - Remote Manager with version V3.3.2 or above.
    - NovoConnect App with version V4.5.2 or above.
    - NovoConnect Software with version V4.5.2 or above.
    - BYOM device driver with version V1.35

New Features

- BYOM Support on Mac (MacOS 10, 11, and 12 for Intel-based Mac).
- NovoConnect app full screen mirroring support for IOS 12.1 or later.
- [Device/Studio/DS Cloud] Media widget to play PDF with specified number of pages.
- [Device/Studio/DS Cloud] Support M3U & PLS & MP3 format.

Enhancements & Changes

- Display license code when BYOM is enabled.
- Added a prompt message when trying to start NovoDS with the remote control when the Signage is set to off.
- GUI optimization for the remote control.

Bug Fixes

- Fixed sound playback issue when using Bose with Audio Sample Rate 44.1kHz.
- Fixed the issue of not having sound or not responding for Bose, Polycom and ClearOne using BYOM on the NC-X900.

- Fixed NT settings occasionally stopping working on NC-X900.
- Fixed time display error after NC-X900 software upgrade.
- [Device] Fixed an issue of abnormal display of remote text/UTF-8/UTF-16/Unicode.
- [Device] Fixed an issue of showing black screen when playing 10+ YouTube videos in a row.
- [DS Cloud] Fixed an issue where announcements/playlists were posted too slowly.
- [DS Cloud] Fixed an issue where sometimes playlists could not be published.
- [DS Cloud] Fixed the issue of abnormal display of "Last play".
- [Device] Fixed YouTube widget stopping playing after 1 hour of playlist "resto bois".
- [Device] Fixed YouTube widget crash after playing 4 hours playlist "resto bois".
- Fixed no sound from HDMI input on NC-X900
- Fixed the issue that the NC-X900 displayed a black screen and flickering when the PC was connected to HDMI-IN.
- Fixed NovoConnect software not mirroring when DS plays playlists.
- Fixed the issue that DS devices could not be registered to NovoDS.com when the cloud service was enabled after software upgrade.

V4.2.0

2021/12/15

Notes

- Model name: NovoConnect NC-X900
- To fully exercise the new features developed in this release, the following Software are required
  - Wi-Fi launcher with version V4.5.0 or above

- Remote Manager with version V3.3.0 or above.
- NovoConnect App with version V4.5.0 or above.
- NovoConnect Software with version V4.5.0 or above.

New Features

- BYOM [On/Off] icon in the home screen configuration, the factory default is "On".
- Users can purchase a BYOM license key or register for a 30-day free trial.
- After BYOM is enabled, Session info display will include the device Camera/Microphone/Speaker detected by NC-X900, and the BYOM icon will be displayed in the lower right corner of the home screen.
- Use NC-X900 or Remote Manager V3.3.0+ to set BYOM license number.
- Support (software) remote control function.
- Audio sampling rate, the default is 44.1 KHz, can be set through NT Settings or Remote Manager V3.3.0+.
- The sound output can be set through Remote Manager V3.3.0+ for Auto Detection, USB speakers, HDMI speakers, Bluetooth speakers, and line out.
- NovoDS default playlist: If NC-X900 has no user-uploaded playlist, NovoDS will play the default playlist when the remote control triggers the play action.

Enhancements & Changes

- Changed the factory value of "Enable Network Stability Monitor" to "Enable".
- Skype: Clear History, Account and Data.
- Added the prompt message "Please check the network" when the user clicks BYOM to try it out or enter the BYOM license key if the NC-X900 is not connected to the Internet.

Bug Fixes

- Fixed the problem that the NC-X900 sometimes could not

activate its hotspot after the software upgrade.
- Fixed an issue where NovoConnect would sometimes crash when clicking explorer and trying to return to NovoConnect.

V4.1.0

2021/8/6

Notes

- Model name: NovoConnect NC-X900
- To fully exercise the new features developed in this release, the following Software are required
    - Wi-Fi launcher with version V4.4.0 or above
    - Remote Manager with version V3.2.0 or above.
    - NovoConnect App with version V4.4.0 or above.
    - NovoConnect Software with version V4.4.0 or above.

New Features

- LauncherPlus Full version Client Moderator rule. The first connected LauncherPlus Full version client set itself as moderator automatically when the device is in Education mode.
- Support adjustable Panel Blue-Light Mode which is adjustable via NT Settings or Remote Manager (with version V3.2.0 or above).
- HDMI CEC with [On/Off] setting which is configurable via NT Settings or Remote Manager (with version V3.2.0 or above) (default: Disable).
- Customizable screen background. The screen background image can be reset through Remote Manager V3.2.0+.
- Controlling NT Live Start/Stop and switching Broadcast/Receiver dynamically via NovoConnect App [on Windows and Mac].
- NT announcement function. Users can use Restful API or Remote Manager V3.2.0+ to add announcement messages or

change settings (default: Off).

- Support automatic reboot function, can be set through Remote Manager V3.2.0 (default: Disable).
- Network Stability Monitor with [On/Off] setting which is configurable via NT Settings (default: Off).
- DSA/Wi-Fi Launcher will display the network stability monitoring status icon during full-screen mirroring.
- Sound output and automatic detection. Support USB speakers, HDMI speakers, Bluetooth speakers, Line out.
- NT Live Screen supports USB microphone sound playback.
- Added time zone auto detect function.
- Customized Hotspot IP Address.
- NovoDS uses "first come, first served" as the default rule (setting) to accept connection requests from management clients (DS Studio and NovoDS.com), and this rule can be reset through the settings menu.
- The device ID can be reset after NovoDS is connected to the cloud service (NovoDS.com).
- [Device/Cloud] Support NT Bulletin (Turn on USER INTERACTION via novods.com).
- Added "Auto-Select State" in Cloud Service: Auto-Select (No UI) or Select Cloud Service or Select NovoDS Studio.

Enhancements & Changes

- NT LiveScreen APP icon was changed.
- Hotspot Channel default value was set to 40.
- Show Meeting ID [Enable/Disable] default value was set to Enable.
- Modified the text description when LauncherPlus Lite version is connected to the educational version of the device, prompting the user to install the Full version.
- Added a prompt not to enter manual pairing when pairing QL300 (2.4G only) under 5G hotspot.
- Changed the default keyboard input method to GBoard.
- Modify the built-in download page of the device to include only the log page and the LauncherPlus Lite

version software download page, supporting 15 languages.

- Added encrypt for Remote Manager, FileSharing, Voting & AirNote data.
- Added floating widgets of Home Key and Back Key when leaving the RVA homepage.
- Improved initial projection speed and reduced the mirroring latency for DSA / Wi-Fi Launcher.
- Improved image quality (clarity, sharpness) at true 4K resolution.
- Added MDM APP, YouTube APP on App page.
- Added 5 new APPs for Web Conferencing: Zoom, Skype, MS Teams, Google Meeting, Cisco Webex Meeting.
- Improved the projection method to avoid ANR problems in RVA.
- Adjusted the PCM channel to only allow the sound from the USB camera (including speakers).
- Added 4 options in "How-to Present" in Home Screen Configuration: Launcher Dongle; NovoConnect App; Using web browser and Native Mirroring. They can be set through Remote Manager V3.2.0+.
- The "go back" button in the lower left corner is not displayed when NovoDS is playing.

Bug Fixes

- Reduced the chance of a green screen at high DPI.
- Fixed the camera noise problem during Skype or Teams video conference.
- Fixed the problem of blurred image for Split Screen.
- Fixed a random RVA crash when answering a call in Google Meet.
- Fixed the issue of invalid volume keys for remote control on the NC-X900.
- Fixed electric current noise problem on NC-X900.
- Fixed the stop-and-go issue for Video Clip to play MOV files.
- Fixed the issue that 4K portrait videos cannot be

played.
- Fixed the issue that USB Camera video cannot be displayed after Camera is connected to NC-X900.
- Fixed the issue that the NC-X900 did not display image on screen after switching from 4K to 1080P screen.
- Fixed the problem of random screen jam and NC-X900 automatic restart after Wi-Fi switched from 2.4G to 5G on NC-X900.
- Fixed the issue of turning off the hotspot after using the remote control to put the device to sleep.
- Fixed the problem that NC-X900 could automatically wake up after it entering sleep mode for about 10 seconds.
- Fixed the issue of black screen or unsynchronized video and audio when using YouTube live broadcast with AirPlay.
- Fixed an issue where the remote control did not ask for a password when pressing the shortcut key when the setting lock was turned on.
- Fixed the problem of random black screen and NC-X900 restart after client disconnection caused by unstable RVA network.
- Fixed an issue where the NovoDS-4K model would occasionally fail to update.
- Fixed the issue of NT Live Screen occasionally crashing or reporting wrong status.

V4.0.2

2020/7/25

Bug Fixes

- [Audio-Out] Fixed the issue of "high-frequency audio glitches at Audio-Out"