NC-X700 Release Notes

V4.4.3

2024/3/26

Notes

- Use the following software versions (or above) to have the best user experience.
    - Remote Manager with version V3.3.4 or above.
    - NovoConnect App (Android/iOS) with version V4.5.5 or above.
    - NovoConnect Software with version V4.5.5 or above.
    - BYOM Win Driver V2.1.0 on windows
    - BYOM Mac Driver V2.1.4 on Mac.

New Features

- Update NovoDS App
    - Support Instagram Access ID
    - Implemented NovoDS APIs to allow users to create playlists programmatically

Enhancements & Changes

- 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
- Removed "Web Conferencing" button from the home-screen

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.)

V4.4.2

2023/01/16

Notes

- 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 V1.38

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
- Optimized the display of message "Network connection is unstable":
    - 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 the bug of "NT LiveReceiver disconnected in ten minutes after receiving display data".
- Fixed an issue where NovoDS playlists could not be uploaded due to multiple clicks on the Cloud Service menu item.

V4.4.1

2022/07/22

Notes

- Model name: NovoConnect NC-X700
- 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

- Removed Wi-Fi Launcher Information from NC-X700 US Edition.
- Support for clearing Skype data and accounts in Clear History.
- New Restful API for Audio Sample Rate.
- Changed the warning message to "Please check your network" when clicking BYOM trial or entering your BYOM serial number without a network connection.
- 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-X700.
- Fixed NT settings occasionally stopping working on NC-X700.
- Fixed time display error after NC-X700 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 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.

V4.4.0

2021/11/12

Notes

- Model name: NovoConnect NC-X700
- To fully exercise the new features developed in this

release, the following Software are required

- 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 function:
  - BYOM [On/Off] icon in the home screen configuration, the factory default is "On".
  - Users can purchase a license number or register for a 30-day free trial.
  - After BYOM is enabled, Session info display will include the device Camera/Microphone/Speaker detected by X700, and the BYOM icon will be displayed in the lower right corner of the home screen.
- Use X700 or RDM 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 RDM V3.3.0+.
- Automatic time zone detection function.
- Customizable hotspot IP address.
- The sound output can be set through RDM V3.3.0+ for Auto Detection, USB speakers, HDMI speakers, Bluetooth speakers, and line out.
- NovoDS default playlist: If X700 has no user-uploaded playlist, NovoDS will play the default playlist when the remote control triggers the play action.

Enhancements & Changes

- Modified the text description of "Enable Miracast" to "Enable Miracast and turn off Wi-Fi".
- Changed the factory value of "Enable Network Stability Monitor" to "Enable".

Bug Fixes

- Fixed RVA randomly crashes issue when client side using Video clip to play MOV files, dragging the timeline and stopping playback.
- Fixed the RVA randomly crashes issue when using video clip to continuously switch video playback through MAC OS 10.15+.
- Fixed the random disconnection issue after playing YouTube Live using Win 10 Miracast for about 30 minutes.
- Fixed the random disconnection when X700 using NT Live Receiver to receive image data from NT-C2100 for about 1 hour.
- Fixed the issue of Audio output change (changed by RDM) not synchronized instantly when X700 is playing YouTube or Local Video.

V4.3.0

Notes

- Model name: NovoConnect NC-X700
- 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 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 [Enable/Disable] 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).
- 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.
- 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).

Enhancements & Changes

- NT Live Receiver 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 of enabling Miracast to include "Wi-Fi hotspot is turned off".
- 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).

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 X700.
- Fixed the problem of Wi-Fi Hotspot being disabled randomly when X700 is powered off or restart.
- Fixed electric current noise problem on X700.
- Fixed the stop-and-go issue for Video Clip to play MOV files.
- Fixed the problem of incomplete display of some languages after automatic restart.

V4.2.2

Improvements

- [AirPlay] – Improve YouTube playback performance

Bug Fixes

- [Logs] Fixed the issue of "device crash due to log files using up built-in storage"
- [NovoDS] Fixed the issue of "4k portrait video not being played properly"

V4.2.1

Bug Fixes

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

V4.1.0

New Features

- [Device Firmware] Allow users to enable/disable Presentation mode or Signage mode
- [Device Firmware] Support 50Hz refresh rate for all resolutions (4K, 1080p, 720p)
- [Remote Control] Enable users to switch between Presentation mode and Signage mode by clicking the NovoConnect button on the Remote Control
- [Device Firmware] Feature AirNote is supported
- [Device Firmware] Feature Voting/Polling is supported
- [Device Firmware] Feature Sleep Timer is supported
- [Device Firmware] PIN code will show up automatically when someone attempts to connect to X700 during live presentation.
- [Device Firmware] New options added AutoConfig: Miracast

on/off, Miracast PIN on/off, and, Report server on/off.

- [Device Firmware] Two new features related to Signage playback (NovoDS)
    - Support both landscape and portrait modes
    - Support dual-video decoding

Improvements

- [Device Firmware] Updates for home-screen configurations
    - Show or hide LAN and WiFi info separately
    - Update "How-to Present" instructions
- [Device Firmware] Update built-in web browsing capability to be compatible with modern web pages
- Meeting ID is changed to digits only.

Bug Fixes

- [Device Firmware] Disable HDMI-CEC by default to prevent X700 from being forced into sleep mode unexpectedly
- [Device Firmware] Fixed the issue of "WiFi may disconnect unexpectedly after long-term usage"
- [Device Firmware] Fixed stability issue of long-term video playback and Miracast mirroring
- [Device Firmware] Fixed NT Settings' crash issue. In addition, recovery mechanism is added in case of a crash.
- [Device Firmware] Fixed the issue of "forcing users to manually select the pairing IP address during LaucnherPlus pairing process"
- [Device Firmware] Fixed the issue of "unable to start NT LiveReceiver when someone is mirroring"
- [Device Firmware] Multiple bug-fixes for Signage playback (NovoDS)
    - Fixed the blank screen during video-to-video transition
    - Updated Facebook and Instagram APIs to stay compatible with their latest
    - Disabled preview unless X700 is in Signage

playback mode