

## Thank you for using our CTOUCH products!

Below you will find the improvements and changes we made in the firmware. If you have any suggestions, found a bug, or want to inform us about how we can make our displays even better, please send an e-mail to [pm@ctouch.eu](mailto:pm@ctouch.eu)

**WARNING:** You need to use the correct firmware-version to prevent damage to your display. Please look at [support.ctouch.eu](https://support.ctouch.eu) for more information.

## Release notes CTOUCH Neo

### Firmware 1.8.2 (December 2024)

- Android: patched with latest applicable security patches
- Browser: Updated Chromium to version 129.0
- Whiteboard: Fixed CDN-library issue in whiteboard download page
- Settings: Added button to open Sphere client
- Settings: Re-added support for WPA2-Enterprise (incl Eduroam)
- Settings: Fixed smart on/off Dutch translation error

### Firmware 1.7.3 (June 2024)

- Added RS232 commands to open whiteboard and AirServer (see RS232 manual)
- Added support for advance firmware update
- Changed smart on/off timer: setting now waits x minutes till black/white UI
- Improved firmware update (OTA) feedback in UI
- Improved resolution of PDF download functions
- Fixed no-audio issue that occurs with some OPS models
- Sphere client 2.6.1

### Firmware 1.6.8 (February 2024)

- Added support for multiple pen widths in whiteboard
- Added support for selecting and opening the desktop apps via remote control
- Added PDF reader for opening PDF files downloaded with browser
- Added PDF download button to QR download
- Fixed speaker issue with certain external USB cameras
- Fully unattended online firmware update implemented
- Fixed video playing bug in browser
- Fixed OPS boot stability issue
- Updated Android security patches up to end of 2023
- Updated Sphere app to 2.6
- Improved Miracast reliability and support older PCs by means of default 2.4Ghz channel selection
- Various UI, JSON API and bug fixes

### Firmware 1.5.8 (October 2023)

- Support for eduroam (WPA-Enterprise)
- Support for Hidden Wi-Fi networks

- Support for Bluetooth in AirServer
- Improved Smart on/off with open apps & sources
- Updated Sphere app to 2.5
- Bug fix Fix whiteboard crash bug
- Bug fix Remember MediaOut device after boot
- Various UI improvements and bug fixes

#### **Firmware 1.4.10 (July 2023)**

- Updated AirServer application
  - Fixed multiple screen lines bug
  - Improved connectivity
  - Fixed dual popup issue
  - Added channel setting AirServer AP

#### **Firmware 1.4.7 (June 2023)**

- Wizard Offline Sphere support
- Whiteboard Marker made transparent
- Settings/UI Support for external sharing devices in UI (Clickshare, etc)
- Added Option to limit video input sources to 1080p
- Added support for external USB audio devices
- Improved USB-C Ethernet on/off
- Fixed several small German translation errors
- Patched Android with security fixes
- Fixed smart on/off bugs
- Various small security improvements
- Various minor UI and bug fixes

#### **Firmware 1.3.2 (March 2023)**

#### **Firmware 1.1.5 (October 2022)**

#### **Initial Firmware 1.0.16 (July 2022)**