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

WARNING: You need to use the correct firmware-version in order to prevent damage to your display. You can also use the OTA-update method to update your display. Please look at support.ctouch.eu for more information.

Release notes CTOUCH Riva

FIRMWARE 1010 (2023/04)
- New: Support for upgradeable Heartbeat Android Module RK3588.
- New: Option preferred input resolution FHD in dealer menu.
- New: CTOUCH Store design.
- New: Startup Movie design.
- New: Radix application v25 integration.
- Fixed: Network compatibility.
- Fixed: PIN code change mechanism.
- Fixed: FileCommander not able to login to Google Drive.

FIRMWARE 1009 (2022/09)
- Added support Heartbeat Safe.
- Added Firefox as default browser.
- Simplified Sphere registration.
- Updated CTOUCH app store.
- Improved annotation tool.
- New version OfficeSuite.
- New version File Commander.
- Fixed SSD packet issue EShare.
- Fixed Energy mode bug.
- Fixed eye protection bug.

FIRMWARE 1008 (2022/02)
- Added Android 10 module mechanism.
- Added new types of Wi-Fi certificates options.
- Improved Float Bar.
- Improved Annotation tool.
- Improved pen recognition in UBM2.
- Improved OPS Audio synchronization.

FIRMWARE 1007 (2021/09)
- Added Pixel Shift.
- Added Finnish language.
- Added Swedish language.
- Added screen recorder function.
  - **Note:** only on Android source & 1080p max.
- Added orange in the annotation app.
- Added the option to open xapk-files with File Commander.
- Added the possibilities to change the lay-out of physical keyboard.

- Added the function to use SPDIF/ARC simultaneously with the speakers.
- Added the option to add OneDrive Business account within File Commander.
- Changed the OTA url to https.
- Improved German language.
- Improved the volume slider, made it logarithmic.

FIRMWARE 1006 (2021/01)
- Added Miracast apk.
  - o **Note:** No touch back functionality.
- Added RS232 Audio source command.
- Added IPv6 information in Settings Menu.
- Added UBoardMate 2 apk.
- Added Wi-Fi certificate function.
- Added several security features/updates.
- Fixed USB bug in File Commander.
- Improved Norwegian language.
- Improved touch frame software for whiteboard wings.

FIRMWARE 1005 (2020/11)
- Added RS232 over IP.
- Added IR lock RS232 command.
- Added a special RS232 Home command.
- Added several security features/updates.
- Added Advanced Touch Detection/Hand palm rejection.
- Improved the Start-up Wizard.
- Improved RS232 feedback.
- Improved Dealer Menu lay-out.
- Improved Radix Viso implementation.
- Improved shutdown function in the Float Bar.
- Improved backlight-mute function in the Float Bar.
- Improved the power consumption --> up to 26% decrease in power consumption.

FIRMWARE 1004 (2020/06)
- Added Danish language.
- Added Hungarian language.
- Added Norwegian language.
- Added an app-lock function.
- Added Finger scanner function.
- Added proxy settings to LAN settings.
- Added black color pen in the annotation application.
- Added Human Presence Detection function.
- Improved German language.

FIRMWARE 1003 (2020/04)
- New version EShare.
- Added Auto Switch Source Back function.
- Added execute now button for shutdown function.
- Added execute now button for backlight-mute function.
- Improved styling.
- Improved functions.
- Improved OverScan function.
- Improved Dealer Menu set-up.

- Improved Radix Viso implementation.
- Improved English & Dutch Languages.
- Improved the amount of characters in the Wi-Fi settings.

FIRMWARE 1002 (2020/02)
- New version EShare.
- Improved styling.
- Improved functions.

INITIAL FIRMWARE 1001 (2019/12)