Thanks 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: Some errors may occur when updating your display. There is no need to worry if they include one or more of the following errors. They do not harm your display and will disappear when the update is completed.
It is possible to encounter green/purple image, upside down CTOUCH logo/splash screen or a fallen over Android robot (this happens when multiple firmware versions have been skipped).

Release notes Laser Air+

FIRMWARE (2019-06-30)
- Added OTA update function.
- Added new float bar function: all icons can be turned off and on separately.
- Improved English & Dutch languages.
- Fixed apps in portrait mode bug.
- Fixed changing parameters of the display.
- Delete FS File Explorer
  Note: If you want to keep on using FS File Explorer, please download it yourself from the CTOUCH App Store.

FIRMWARE (2017-09-30)
- Added more SPDIF options.
- Added Energy Save Mode option.
  Note: The display will be in Energy Saving Modes by default.
- Improved writing speed in Android.
- Improvements in backlight function.
- Improved the backlight mute function.
- Added other (international) keyboard layouts.
- Made linguistic changes in Factory and Dealer Menu.
- Made the android keyboard scalable and movable.
- Created the option to change the Home option, without hiding Android completely.

FIRMWARE (2017-09-22) – FOR 75" LG ONLY
- Improvements in backlight function.

FIRMWARE (2017-07-14)

- Float bar can be turned off.
- Added new RS232 commands
- **Note:** Also requires MCU-update.
- Improved the Daydream function.
- Improved the on/off schedule function.
- Re-designed the Service- and Design Menu.
- Service- and Design menu are touch enabled.
- Improved the 'no signal, power off-function'.
- Set ES File Explorer as main file explorer.
- Note: The old USB-drive application can be turned on again in the Service Menu, if required.
- Reduced the number of different firmware files from 17 to 5.
- **Note:** Please keep using the Excel-sheet to find the correct firmware file, for now. Improvements are being investigate

FIRMWARE (2017-05-08)

- Display port control over RS232.
  Note: Also requires MCU-update.
- Solved VGA Buzz (noise).
- Improved the responsiveness of the Home Button.
  Note: on an external device, a delay of ~3 seconds can occur.
- MAC OSX touch issue is solved.
- CTOUCH Store update issues solved.
- UBoardmate (new and improved whiteboard).
  Note: In order to activate UBoardmate you need a license key.
- Please go http://www.ctouch.eu/uboardmate to register. After registration, a license key is sent to you within 24 hours.

FIRMWARE (2017-01-17)

- Some of the highlights:
- Change the wallpaper with your own preferred image.
- Added German language.
- Added an option to make Android inaccessible.
- Added a short-cut to the service menu.
- Increased the responsiveness of the navigation bar.
- Fixed some bugs.

FIRMWARE 2016-04-15

- Initial firmware