

Tattendorf, 11.04.2019

MVX Firmware Changelog

Version: **4393**
(since vers. 4374 20.8.2018)

Date: 09.04.2019
Engineer: Dietmar Pfurtscheller

Improvements:

- Further stability improvements
- Internal Flash SPI interface more robust
- SDRAM Interface to cpu established, allows calibration
- DDC_CI integration
- Copper Phy Interface delay adjusted
- SDRAM ctrl Timing improved
- USB lowspeed improved
- USB Remote handling improved for Mice with 16bit coordinates
- USB Remote LED handling
- USB save feature more save
- USB Emulation Mode introduced for superfast USB switching
- VGA handling improved
- VGA Auto pixel adjustment improved
- FPGA speedgrade qualifying
- SFP temperature measurement
- 1000 Base-T Phy signal quality indication
- OSD shows orange if the fiber connection to local is lost.
- Included VGA 1920x1200 videomode table
- Added flash_Test on local unit
- Added Additional support for customer touchscreen
- Stability improvements for older PCBs.

Bug Fixes:

- Fixed DDC handling and USB recovery from emulation mode
- Fixed LVDS clock invert
- Fixed Stick update Bug
- Fixed Bug with Touchscreen