



Installation instructions

Go to www.easylaser.com>Support>Software download

1. For XT12 Display unit: Download XT12 app update file.
For XT11 Display unit: XT11 display unit firmware update.
NOTE! This is a very large file! (approximately 1.3 GB)
2. Download the update file and save it to a USB memorystick.
3. Unzip the files to the root of the USB memory stick.
4. Start the Display unit.
5. Insert the USB memory stick into the Display unit.
6. On the start view, tap  to open Settings.
7. Tap  to open System information. The installation file should now be visible under UPDATE.
If the Display unit doesn't restart within five minutes, start it manually.

NOTE! For detector unit software update, see XT Instruction manual. Current software versions: **3.5.2/4.1.0**

Installation instructions in **German, Spanish and Swedish** are found on the on the last page of the Release notes.

Version 8.3.4

- Fixed a problem with programs not starting on Android.
- Fixed a problem with the camera function on Android.
- Updated the default report names for Horizontal, Cardan and Belt.

XT11 and XT12

- Fixed a problem in the time settings, when changing the time manually.
- Fixed a problem with time shown in reports.

Version 8.3.3

All programs

- Added support for sending emails to multiple recipients by separating with space, comma or semicolon.
- Added support for turning off keyboard sounds and vibrations for XT12.
- Improved file naming when working with templates. The name of the template will be suggested when Finalizing the measurement.
- Photos are not added (and saved over) automatically to reports anymore and must instead be added manually in the report.
- Added shortcut to Wi-Fi settings from the Start screen.

Shaft

- Improved machine train report. The first page of the report now shows more information.
- Added RPM input field to Cardan Prepare view.
- Changed icons for vertical foot adjustment in Shaft programs. Previous icon was not clear and has been changed to arrows.
- Increased threshold for Sweep direction error slightly.
- Fixed a bug with the default name when adding a custom tolerance.
- Fixed a bug with detector serials in reports. In some cases they would say "Demo" even though real ones were used.

Other

- XT12 screen no longer rotates.
- Added possibility to toggle 24h/12h time format in Vibration report.
- Added unit information to Values autorecord settings.
- Fixed a bug and re-added Twist to XT550.
- Fixed a bug with time format.
- Various minor visual bug fixes.

Version 8.1.1

- New background image.
- Changed the default tolerance in Cardan.
- Fixed a connection problem in Horizontal.
- In EasyTrend, fixed a problem with the start and stop line.
- Several minor translation fixes.
- Several minor visual bug fixes.

Display unit XT11

NOTE! As of November 2022, the XT alignment app will no longer support the XT11 rev 1 Display unit (serial number 129231 or lower). XT alignment app version 8.1 and higher will not be compatible with XT11 rev 1.

Version 8.0.17

- Fixed communication bugs on Android.
- Various other bug fixes.

Version 8.0.15

Shaft

- Simulations made in the Adjustment Guide will no longer affect the adjustment view. Your simulated adjustment values will **NOT** be saved and used in the Adjustment view.
- The latest measurement method used is now permanent until another method is selected (for example 9-12-3 or EasyTurn).
 - The selected measurement method is saved after doing a Softfoot measurement.
 - The latest measurement method used, will be reselected for new measurements.
- The result view (table, graph or machine) is now permanent until another view is selected.
 - The latest result view used, will be reselected for new measurements.
- Fixed a bug and re-added XT50 to Cardan.
- It is no longer possible to select other measuring units while in the middle of a Sweep measurement for example.

EasyTrend

- Added start and end **date** to the EasyTrend report.
- Not possible to finalize the measurement while measuring. You need to stop the measurement before finalizing it.

Values

- Added the button “Delete All” to delete all registered values.
- Fixed the icon for angle settings in Values.
- Fixed an issue halving and zero setting the value. It now works in the same way if you do it from a single live device as if you do it for all the Live devices at the same time.

Belt

- Fixed an issue with sheave width.

All programs

- You now need to register a measurement value before finalizing a measurement.
- All reports now have unit information. Units was for example missing for sheave width and diameter in the Belt program.
- Fixed some report template thumbnails and names.
- More descriptive e-mail error message when missing wifi.
- It is no longer possible to change photos in report while report is being regenerated.
- Several minor translation fixes.
- Several minor visual bug fixes.

Version 8.0.11

- The manual now includes Finnish.
- The manual has a new look, better for smaller screens.
- In Softfoot, the foundation is scaled up for large machines.
- Various bug fixes in Straightness.

Version 8.0.8

- Fixed a bug in detector update. It did not always show 100% progress upon completion.
- Fixed a bug in Horizontal Shaft, in graph result view in mirrored mode.
- Fixed a bug that blocked deselection of offline devices in device lists.
- Bug fixes related to notes and comments in reports.

Version 8.0.6

- Fixed a bug with XT280 Vibrometer on iOS.
- Various other bug fixes.

Version 8.0.5

- New bug fixes on version 8.0.4

Version 8.0.4

- New measurement program "Straightness".
- New machine images in shaft and machine train.
- Support for new XT-laser transmitters.
- Support for new language: Finnish.
- Improved device handling in Values.
- Support for different time and date formats in reports.
- Support for Android 10 and 11.
- Support for IOS 15.
- Various bug fixes.

Version 7.1.6

Driver update to support a new version of the 13M pixel camera.
Includes XT app version 7.1.5.

Version 7.1.5

Version 7.1.5 includes bug fixes on the 7.1.4 release.

The following bugs were corrected in version 7.1.5:

Values

- The target crosshair was not centered correctly after resetting a zero.
- Sometimes the target crosshair became slightly offsetted after zero.

Vibrometer

- Problem with connecting XT280 vibrometer in IOS.

All programs

- Selected unit system information (mm/mils) was missing in the program header.

Version 7.1.4

Shaft Alignment

- New Uncoupled sweep measurement method available for XT550, XT660 and XT770 systems.
- Improvements in shaft alignment tolerance handling: the system will now preselect the last used tolerance table (ANSI/ASA S2.75-2017 or Easy-Laser).
- Improvements in background live handling (in Narrow live, Wide live, and 9-12-3 modes).
- Cardan program now available for XT550 and XT660 systems.
- Adjustment guide now available for XT550 system.

Values program

- Values program now supports new XT290 digital precision level.
- Display and record up to four units at the same time

Other

- Extra digit when entering distances in imperial units.
- Bug fixes and improvements.

Version 7.0.4

- “Zero inclinometer” function in Horizontal and Machine Train programs.
- Adjustment guide in Horizontal and Machine Train program (only for XT770).
- New graph view in Horizontal program.
- Bugfixes and improvements.

Version 6.1.2

- Improvements made in wireless communication and connection.
- It is now possible to update the measurement units and detectors via the XT App.
- Fixed a problem in the horizontal result in the program Easytrend.

Version 6.0.3

- Fixed an appearance problem in the Horizontal Advanced report. The values were correct, but displayed in a wrong format.
- Fixed a problem in Basic Flatness. The input fields were occasionally wrong.

Version 6.0.2

- Cardan measurement program
- Basic flatness measurement program
- New machine types in Horizontal, Cardan, and Machine train programs: fan, generator and wind gearbox
- QR and barcode reader
- Support for thermal growth on feet
- Support for measurement templates
- Support for file import
- Support for signing of PDF files
- Support for multiple images in reports
- Sorting filter in file manager
- Wireless communication and connection improvements
- Other minor improvements and some bugfixes

Version 5.1.1

- Increased sample rate in sweep measurement when using XT70 measuring units.
- Bugfixes and improvements.

Known issues with version 5.1.1

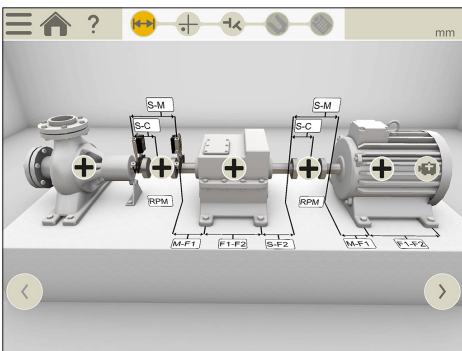
- Does not work on Huawei P20 pro.

Version 5.0.3

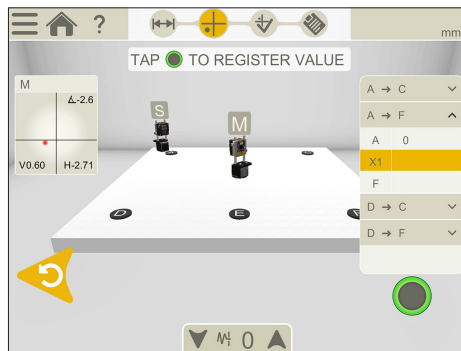
Fixed a problem with unsecured wifi connections causing the XT11 unit to reboot.

Version 5.0.2

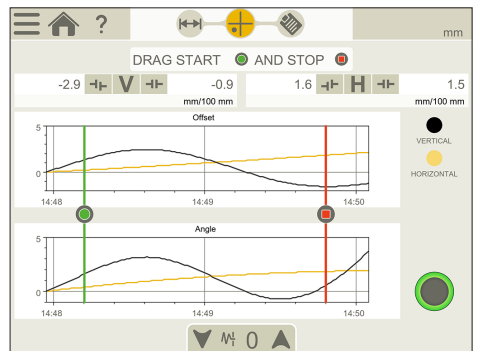
- Machine train measurement program
- Twist measurement program
- EasyTrend measurement program
- Support for Polish language



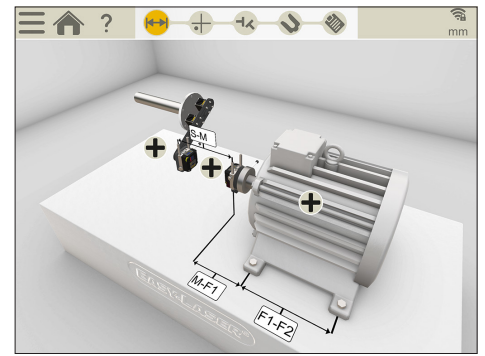
Version 5.0.2 Machine train program.



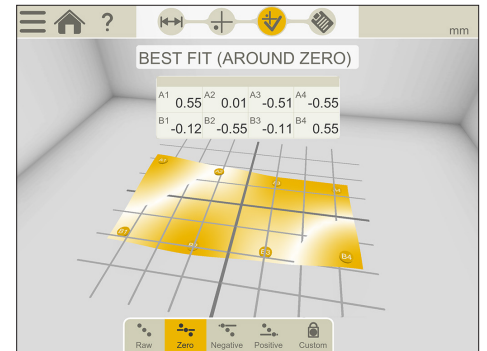
Version 5.0.2 Twist program.



Version 5.0.2 EasyTrend program.



Cardan program



Flatness program

Version 4.1.2

- Measure Softfoot on both machines.
- Support for spacer shaft couplings.
- Support for ANSI/ASA S2.75-2017 tolerance tables.
- Support for machines with 2 or 3 feet pairs.
- Choose between different machine type images:
pump, compressor (2, 4 and 6-throw), gearbox, generic machine,
support bearing, gas turbine, electric motor and diesel motor.

Version 4.0.3

- Fixed a problem with the settings menu that could cause an unstable system.
- Fixed a bug in shaft alignment reports (Gap was not presented in report)
- Fixed a tolerance bug in shaft alignment programs.
- Fixed a bug in Values that could cause problem when resuming an ongoing measurement.

Version 4.0.1

- Support for XT50 measuring units.
- Vibration program.
- Improved file handler (copy/share/delete multiple files, improved performance).
- Softfoot graphics in default and advanced reports.
- Comments in Values program always visible.
- Custom subjects in email.
- “Clear all” button in softfoot.

Version 3.0.2

- Vertical shaft alignment
- New languages: Italian and French

Horizontal program

- Locked feet
- Custom tolerances
- New Live mode (Live Wide)
- New report template with result tables

Values program

- Values reports
- Comments for each measuring point in Values

Version 2.0.8

- Mirrored view in Belt program improved.
- Tolerance settings updated.
- Updated adjustment view for mirrored machines.

Version 2.0.6

Continuous Sweep

Added functionality when using the XT60 measuring units. Automatic recording of measurement values during continuous sweeping of the shaft. Hundreds of points are registered.

Multipoint

Added functionality when using the XT60 measuring units.

Belt program

Program for alignment of Belt drives (hardware XT190 required).

Values program

Added functionality – automatic recording of values (set duration and interval).

XT11 improvements

WiFi communication

Share to e-mail added

Version 1.1.3

Support for 10 languages:

English, German, Russian, Spanish, Portuguese, Swedish, Korean, Japanese, Chinese (Simp.) and Chinese (Trad.)

Improved settings menu

Custom logotypes and user information in reports



Support for 0.001 mm / 0.1 mils resolution

Tables available in both measurement view and result view

Improved thermal camera software (XT11)

Installationsanweisungen



Gehen Sie zu www.easylaser.com > Support > Software Download.

1. Für XT12 Anzeigeeinheit: Laden Sie die XT12-App-Update-Datei herunter.
Für XT11 Anzeigeeinheit: **Hinweis** zum Firmware-Update für die XT11-Anzeigeeinheit:
Dies ist eine sehr große Datei! (ca. 1,3 GB).
2. Laden Sie die Update-Datei herunter und speichern Sie sie auf einem USB-Speicherstick.
3. Entpacken Sie die Dateien in das Stammverzeichnis des USB-Speicherstick.
4. Starten Sie die Anzeigeeinheit.
5. Stecken Sie den USB-Speicherstick in die Anzeigeeinheit.
6. Tippen Sie in der Startansicht auf , um die Einstellungen zu öffnen.
7. Tippen Sie dann auf , um die Systeminformationen zu öffnen. Eine neue Datei sollte jetzt unter UPDATE sichtbar sein.
Wenn die Anzeigeeinheit nicht innerhalb von fünf Minuten neu gestartet wird, muss sie manuell gestartet werden.

Hinweis! Informationen zum Update der Software der Detektoreinheit finden Sie in der XT-Bedienungsanleitung.
Aktuelle Software-Versionen: **3.5.2/4.1.0**.

Instrucciones de instalación



Ir a www.easylaser.com > Soporte > Actualizaciones de software.

1. Para la unidad de visualización XT12: Descargue el archivo de actualización de la app XT12.
Para la unidad de visualización XT11: Actualización del firmware de la unidad de visualización XT11.
Nota: Es un archivo muy grande (aproximadamente 1,3 GB).
2. Descargue el archivo de actualización y guárdelo en una memoria USB.
3. Descomprima los archivos en la carpeta raíz de la memoria USB.
4. Encienda la unidad de visualización.
5. Inserte la memoria USB en la unidad de visualización.
6. En la vista Inicio, toque  para abrir la pantalla de Configuración.
7. Toque  para abrir la Información del sistema. El archivo de instalación deberá ser visible ahora en ACTUALIZAR.
Si la Unidad de visualización no se reinicia en cinco minutos, iníciela manualmente.

Nota: Para la actualización del software de la unidad del detector, consulte el manual de instrucciones de XT.
Versiones de software actuales: **3.5.2/4.1.0**.

Installationsinstruktion

Gå till www.easylaser.com > Support > Programvaror.

1. För Avläsningsenhet XT12: Ladda ner XT12.
För Avläsningsenhet XT11: XT11 Firmware-uppdatering.
Obs! Detta är en mycket stor fil. (ca 1.3 GB)
2. Ladda ner uppdateringsfilen och spara den på ett USB-minne.
3. Packa upp filerna till roten på USB-minnet.
4. Starta Avläsningsenheten.
5. Sätt i USB-minnet i Avläsningsenheten.
6. På startvyn, tryck  för att öppna Inställningar.
7. Tryck på  för att öppna Systeminformation. En ny fil bör nu vara synlig under UPPDATERINGAR.
Om Avläsningsenheten inte startar om inom fem minuter, starta den manuellt.

Obs! För uppdatering av detektorenhetens mjukvara, see XT Användarhandbok.
Aktuella mjukvaruversioner: **3.5.2/4.1.0**