

ESCON 50/5

Servo Controller

Firmware Version «Readme»

Edition September 2013

It is essential that you read / understand / follow the below information!

VERSION DETAILS

Type	ESCON 50/5
Order Number	409510
Firmware Version	0x0140
Hardware Version	0x2500

IMPORTANT INFORMATION

The functionality of an ESCON device is determined by its internal operating system (the so called *firmware*). The firmware is subject to continuous development as part of an ongoing improvement process and is therefore being updated on a regular basis.

- ESCON devices are shipped with the latest firmware version available.
- New versions may feature additional or enhanced functionality, as well as improved safety-relevant functions, which might not be fully compatible with former versions!
- You can update your device with the latest versions of the firmware and of «ESCON Studio» (maxon motor's graphical user interface for ESCON Servo Controllers). Download the updates and the latest edition of the documentation from the internet at <http://escon.maxonmotor.com>.



Note: Before downloading a new version, you must check for its compatibility with the hardware version you are currently using! Consult maxon motor if you are in doubt.

- The currently used versions of both, firmware and hardware, can be read out from the device using «ESCON Studio».
- Earlier versions are available on request.
- To install a new firmware version, use the *Firmware Update* option in «ESCON Studio».
- Be aware that you alone are responsible for using the right firmware version in your present device. Consult maxon motor, if you are in doubt.



Note: maxon motor ag or its representatives do not take responsibility nor obligation for any defect (such as, but not concluding; malfunction of the device and/or attached equipment, loss of production, etc.) caused by incompatibility of firmware versions and/or by mismatch of a particular firmware version with a given hardware version!

VERSION HISTORY

Version 0x0140 (release date 2013-10)

0x0140	Description	
Changes	Speed sensor	Hall sensors speed measurement improved

Version 0x0130 (release date 2013-04)

0x0130	Description	
Features	Regulation Tuning	Improvements
Changes	Digital outputs	Introduction of function «Current Comparator»
Bug Fixes	PWM Set Value	Sporadic «PWM Set Value Input out of Range Error» fixed

Version 0x0120 (release date 2012-09)

0x0120	Description	
Changes	Parameter	Definition Motor/Hall sensor polarity changed (only for motors not corresponding to maxon standard)
	Regulation Tuning	Improvements

Version 0x0110 (release date 2012-04)

0x0110	Description	
Features	Full range	Initial release
Changes	–	–
Bug Fixes	–	–