

Resolve Blocking of USB-Driver (Win Update 2026)

TN23

Technical Note for the KLIPPEL R&D and QC SYSTEM (Document Revision 1.6)

Please verify that you are reading the most recent version: <https://klippel.de/go/TN23>.

1 Introduction

With the Windows 11 updates

- [KB5083631](#) (OS Builds 26200.8328 and 26100.8328 released April, 30th 2026) and
- [KB5089570](#) (OS Build 28000.2179 released May, 26th 2026),

Microsoft introduced a massive change in the Windows Driver Policy that removes trust for cross-signed drivers. Klippel used a cross-signed driver for the audio streaming of Klippel Analyzers (PA2 and KA3) up until release v212.812.

Installing this Windows update has the following consequences (with some extra boundaries conditions, e.g. *SecureBoot* active):

1. The system is entering an evaluation (audit) mode. This runs for 250 h (accumulated uptime) and 3 reboots on Windows 11. *Note: Microsoft changed the uptime limit from 100 h to 250 h in June 2026.*
2. If a cross-signed driver is loaded in the evaluation mode, the evaluation mode restarts (uptime and re-boot counters are reset).
3. After the accumulated uptime limit and 3 reboots are reached without loading any cross-signed driver, the PC enters the enforcement mode. The cross-signed Klippel driver will be blocked on next usage and our customers face a potential downtime for their Klippel measurement system.

More information: [Windows Driver Policy](#) , [Windows IT Pro Blog](#).

To check the state of your system, you can use [this script](#) and send us the output in case of problems.

2 Solution

From release v212.813 we replaced the old cross-signed driver with an attestation signed driver for the USB audio, which complies with the current Windows Driver Policy. Please update to the latest release version that is available under the following links:

<https://www.klippel.de/go/current-qc-release>

<https://www.klippel.de/go/current-rnd-release>

Find explanations for symbols at:

<http://www.klippel.de/know-how/literature.html>

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