

XL3 Firmware

Revision History

July 2024	V1.36	<ul style="list-style-type: none"> • STIPA • Sound Level Meter <ul style="list-style-type: none"> ◦ Short split intervals of 5, 10 and 15 minutes • General: <ul style="list-style-type: none"> ◦ Improved data acquisition clock ◦ Measurement Explorer and Storage Website now can handle thousands of folders and files. ◦ Define the line output settings in the configuration files
May 2024	V1.32	<ul style="list-style-type: none"> • Reloading saved measurements • XL-View of Sound Levels on the XL3 Website • Guest Link for XL-View • Basic streaming API that streams the displayed sound levels • Digital Audio S/PDIF output on the DIO connector • WP40 / WP62 support
March 2024	V1.28	<ul style="list-style-type: none"> • Building Acoustics: <ul style="list-style-type: none"> ◦ Resume partitions ◦ Import existing measurements • Sound Level Meter: <ul style="list-style-type: none"> ◦ Weather logging resolution down to 1 sec • Control API new commands: <ul style="list-style-type: none"> ◦ Query state of health ◦ Set decimals for results
Dec 2023	V1.26	<ul style="list-style-type: none"> • Chinese UI • State of Health: Added clock- and power source • Streaming API <ul style="list-style-type: none"> ◦ Streaming of aggregated data (SPLREP) ◦ Text and binary log data format simultaneously ◦ Connection Watchdog • Building Acoustics: <ul style="list-style-type: none"> ◦ ASTM E336 (US) standard • General: <ul style="list-style-type: none"> ◦ OneDrive support in File Push Service ◦ Symbol for running measurement in the top bar ◦ Start & stop measurement from any screen ◦ Language-independent selection of keyboard ◦ #GeneralScreenshots folder for screenshots which do not belong to a measurement. ◦ Support WP61 weather protection ◦ Lock the keypad along with the display

Aug 2023	V1.22	<ul style="list-style-type: none"> • Sound Level Meter <ul style="list-style-type: none"> ○ Added State of Health log file ○ Added support for the external NTi-Audio GPS mouse • API <ul style="list-style-type: none"> ○ New Streaming API ○ The command set of the Control API has been extended • “usb.local” has been changed to “xl3-usb.local” • Website <ul style="list-style-type: none"> ○ Delete files and folders ○ Upload files
June 2023	V1.20	<ul style="list-style-type: none"> • File Push Service • Italian and Spanish UI • Sound Level Meter <ul style="list-style-type: none"> ○ xt-chart (level time history) ○ eq_dt indicator ○ New measurement every hour • Reverberation Time <ul style="list-style-type: none"> ○ Audio Recording • Building Acoustics: <ul style="list-style-type: none"> ○ Document E (UK) standard
Feb 2023	V1.11	<ul style="list-style-type: none"> • Sound Level Meter <ul style="list-style-type: none"> ○ Logging Weather data with Vaisala and LJC Sensors • Reverberation Time <ul style="list-style-type: none"> ○ Delete a decay of an active RT measurement ○ Improved decay triggering • Building Acoustics: <ul style="list-style-type: none"> ○ ISO 16283: Impact and Façade measurements ○ Source not linear display ○ Result chart y-scale is now scrollable • General: <ul style="list-style-type: none"> ○ Support for M2010, M2015, M2310, M2311, M2315 and M2914 microphones
Nov 2022	V1.10	<ul style="list-style-type: none"> • Initial Release