



# SARK-110-ULM

## Vector Impedance Antenna Analyzer

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### Cumulative Release Notes

Firmware Revision 1.0



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## 1 Release series 1.x

**V1.0 - Release date:** Jan 10<sup>th</sup>, 2018

First production release.

## 2 Upgrading the Firmware

The SARK-110-ULM's firmware may be upgraded via USB as described in the following steps. This procedure assumes you have downloaded the appropriate update file from: <http://www.sark110.com/files/sark110ulm/firmware>

The downloaded file has the following format:

SARK110ULM\_Vx.y.dfu.zip     Where x.y is the incremental version number.

The downloaded file has to be unzipped to produce an update file in the format:

SARK110ULM\_Vx.y.dfu

### Procedure:

1. Connect the SARK-110-ULM to the PC with a USB cable
2. Locate the SARK's USB flash drive unit using the File Explorer of your PC
3. Copy the firmware file, e.g. SARK110ULM\_V.x.y.dfu to the SARK's USB flash drive unit
4. Do a safe eject of the SARK's USB flash drive unit from your computer
5. Power off the SARK-110-ULM and power it on again while simultaneously holding down the Run/Hold [Ⓞ] button. Then press the Enter [■] button.
6. The Device Firmware Upgrade screen prompts you to install the firmware file
7. If several firmware files are on the SARK's USB flash drive unit, use left or right arrow buttons to select the file to load
8. The firmware upgrade will commence after pressing the Enter [■] button
9. Once complete, press the Enter [■] button, which will reset the analyzer and run the upgraded firmware
10. Press the Setup [⚙] button, select «About» and check if the firmware version shown on the screen agrees with the installed one

### 3 License Agreement

By downloading, installing, or using the firmware, you agree to be bound by the terms and conditions of the following license agreement. Please read this agreement carefully.

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