All-in-One Handheld Acoustic Camera

Hardware Setup

1 Windows® Surface Pro
2 Magnetic cover
3 USB 3.0 cable
4 Power button
5 a. Plug for digital signals breakout cable
   b. Plug for mains power adapter
6 Battery compartment
7 Bosch® 18 V Lithium-Ion 2.0 Ah SlimPack battery
8 Battery compartment lid
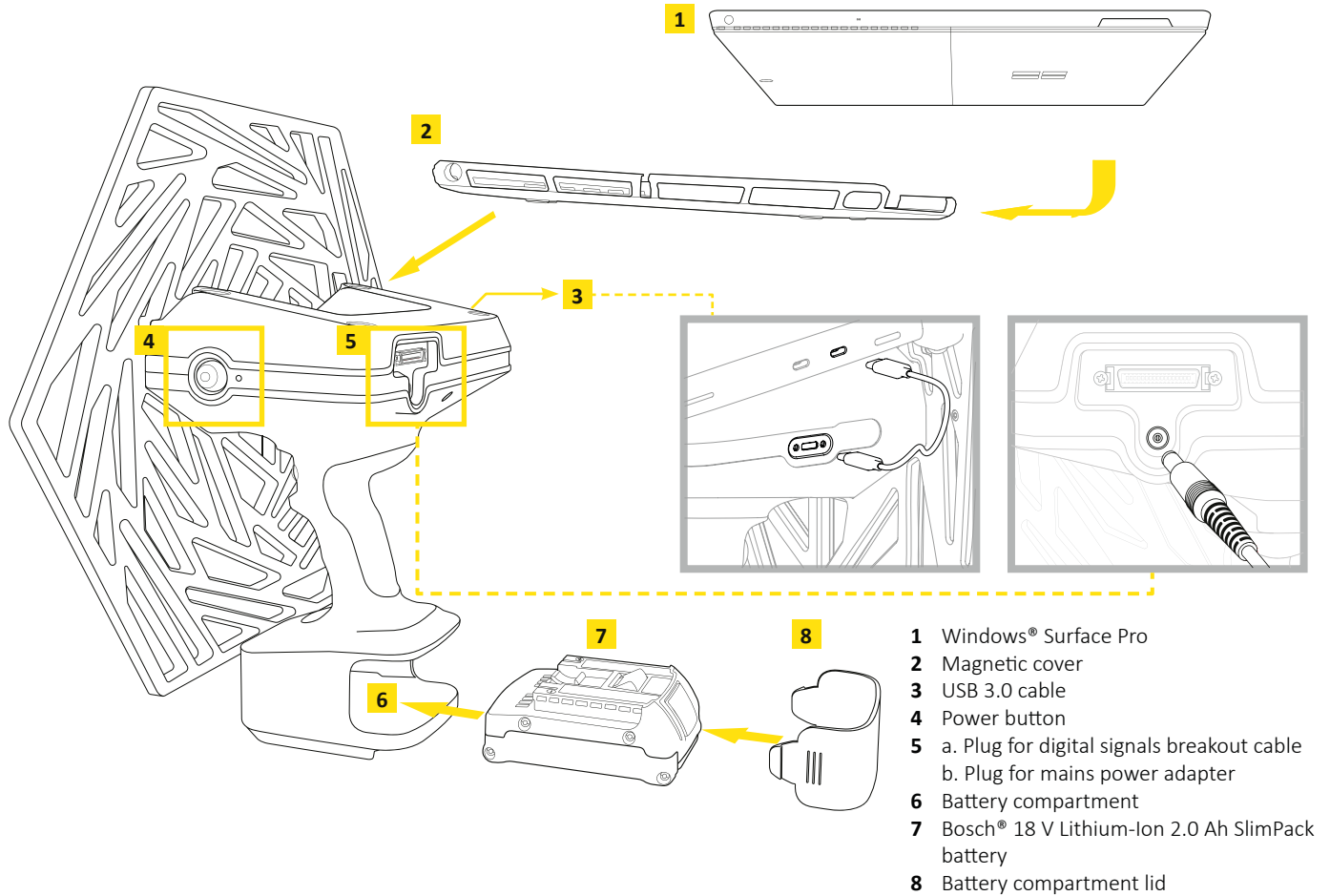
1. Place the Windows® Surface Pro [1] in the supplied magnetic cover [2] and attach it to the back of the Mikado (place magnets in the provided cavities).

2. Connect the Windows® Surface Pro and the Mikado via the supplied USB 3.0 cable [3].

3. Connect an appropriate power source:
- Using the supplied mains adapter [5b] or
- Using a Bosch® 18 V Lithium-Ion 2.0 Ah SlimPack battery [7]

4. Turn on the Mikado [4] and the Windows® Surface Pro, start the software NoiseImage Mobile and choose the desired settings for recording.

! If you use your Mikado for the first time, it may be necessary to install the software NoiseImage Mobile and the Digital Controller on your Windows® Surface Pro – see page 2 for further instructions.

! Use only supplied or specified accessories.

! Operating conditions: 0 – 40 °C, ≤ 80 % RH

Software NoiseImage Mobile

NoiseImage Mobile is a simplified, touch-enabled version of our acoustic measurement and analysis software NoiseImage.
It features three defined layouts for recording (incl. Level view) and analysis.

| 1. Channel view + Acoustic Photo	2. Spectrum + Acoustic Photo	3. Spectrogram + Acoustic Photo
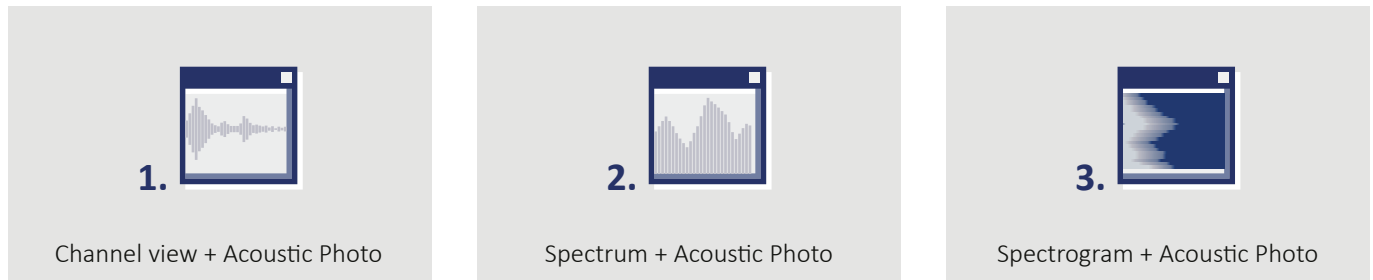
Additionally, an A filter and Butterworth filter as well as limited HDR and Clean-SC functions are available.
To access the settings dialog, double-click / double-tap on the window in question.

Installing NoiseImage Mobile
To install NoiseImage Mobile, start NoiseImageInstaller.exe
and click the button **Ni4**.

Installing the Digital Controller
For USB-TCP streaming, i.e. communication between Mikado and Windows® Surface Pro
To install the driver for the Digital Controller, start NoiseImageInstaller.exe and click the button **g**.

If you have any problems, questions or need, for further instructions click the button **?** on the installer screen.

Install NoiseImage4 64Bit

Ni4 Install NoiseImage

g Install Digital Controller Driver

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