


2WIN Software Installation Instructions

The following two procedures are equivalent.

If you have a MicroSD card reader, you can choose either of the two procedures. If you do not have a MicroSD card reader, use the USB cable provided with the device.

ATTENTION! Before starting the software update check if the update is allowed in the following chart. Note that software downgrade is never allowed.

|  | < 5.3 | 5.3 | 5.33 | 5.4 | > 5.4 |
|---|--------|--------|--------|--------|-------|
| < 5.3 | safe | safe | unsafe | Safe | safe |
| 5.3 | unsafe | safe | unsafe | safe | safe |
| 5.33 | unsafe | unsafe | safe | safe | safe |
| 5.4 | unsafe | unsafe | unsafe | safe | safe |
| > 5.4 | unsafe | unsafe | unsafe | unsafe | safe |

Using MicroSD card reader

- Make sure the battery of the 2WIN is fully charged before updating the instruments.
- Extract the zip archive "full-system-x.x.x.zip". The "full-system-x.x.x" folder will be created.
- Extract 2WIN MicroSD card and plug the MicroSD in your card reader
- Copy in the MicroSD the files "2win.update" and "fullsystem-xxxxxx.update" contained in the folder "full-system-x.x.x". If present, copy also "firmware-bp-x.x.bin" file in the MicroSD card.
NOTE: The files shall be saved in the MicroSD root, never in subfolders.
- Safely remove the MicroSD device from your pc
- Plug the MicroSD into the turned off 2WIN
- Turn the 2WIN on ("System updating" message is displayed on 2WIN's screen and blue lights appear on the front).
- Wait a few minutes, until you see green lights flashing on 2WIN front and "Update complete!" message appears on 2WIN's screen.
- DON'T TURN OFF THE 2WIN
- Wait until the 2WIN restarts (approximately one minute).
- If also a firmware upgrade is required 2WIN will reboot again.

Using USB cable


- Make sure the battery of the 2WIN is fully charged before updating the instruments.
- Extract the zip archive "full-system-x.x.x.zip". The "full-system-x.x.x" folder will be created.
- Connect the 2WIN, with MicroSD plugged in, to your computer with the USB cable (once connected the 2WIN will automatically turn on).
- The computer will open the MicroSD of the device as a remote disk.
- Copy in the MicroSD the files "2win.update" and "fullsystem-xxxxxx.update" contained in the folder "full-system-x.x.x". If present, copy also "firmware-bp-x.x.bin" file in the MicroSD card.
NOTE: The files shall be saved in the MicroSD root, never in subfolders.
- Safely remove the MicroSD device from your pc and disconnect the 2WIN from the USB cable
- Turn the 2WIN off
- Turn the 2WIN on ("System updating" message is displayed on 2WIN's screen and blue lights appear on the front).
- Wait a few minutes, until you see green lights flashing on 2WIN front and "Update complete!" message appears on 2WIN's screen.
- DON'T TURN OFF THE 2WIN
- Wait until the 2WIN restarts (approximately one minute).
- If also a firmware upgrade is required 2WIN will reboot again.

KALEIDOS Software Installation Instructions

The following two procedures are equivalent.

If you have a MicroSD card reader, you can choose either of the two procedures. If you do not have a MicroSD card reader, use the USB cable provided with the device.

ATTENTION! Before starting the software update check if the update is allowed in the following chart. Note that software downgrade is never allowed.

|  | < 5.3 | 5.3 | 5.33 | 5.4 | > 5.4 |
|---|--------|--------|--------|--------|-------|
| < 5.3 | safe | safe | unsafe | safe | safe |
| 5.3 | unsafe | safe | unsafe | safe | safe |
| 5.33 | unsafe | unsafe | safe | safe | safe |
| 5.4 | unsafe | unsafe | unsafe | safe | safe |
| > 5.4 | unsafe | unsafe | unsafe | unsafe | safe |

Using MicroSD card reader

- Extract the zip archive "full-system-x.x.x.zip". The "full-system-x.x.x" folder will be created.
- Switch the KALEIDOS off and open its back door, which contains the 2WIN.
- Extract the MicroSD card from 2WIN and plug it in the card reader
- Copy in the MicroSD the files "2win.update" and "fullsystem-xxxxxx.update" contained in the folder "full-system-x.x.x". If present, copy also "firmware-bp-x.x.bin" file in the MicroSD card.
NOTE: The files shall be saved in the MicroSD root, never in subfolders.
- Safely remove the MicroSD device from your pc
- Plug the MicroSD into the turned off 2WIN
- Turn the 2WIN on using the ON/OFF button on KALEIDOS back panel ("System updating" message is displayed on 2WIN's screen and blue lights appear on the front).
- Wait a few minutes, until you see green lights flashing on 2WIN front and "Update complete!" message appears on 2WIN's screen.
- DON'T TURN OFF THE 2WIN
- Wait until the 2WIN restarts (approximately one minute)
- If also a firmware upgrade is required 2WIN will reboot again.
- Close the back door of the KALEIDOS.

Using USB cable

- Extract the zip archive "full-system-x.x.x.zip". The "full-system-x.x.x" folder will be created.
- Open the KALEIDOS back door which contains the 2WIN and unplug the 2WIN from the battery pack.
- Connect the 2WIN, with MicroSD plugged in, to your computer with the USB cable (once connected the 2WIN will automatically turn on).
- The computer will open the MicroSD of the device as a remote disk.
- Copy in the MicroSD the files "2win.update" and "fullsystem-xxxxxx.update" contained in the folder "full-system-x.x.x". If present, copy also "firmware-bp-x.x.bin" file in the MicroSD card.
NOTE: The files shall be saved in the MicroSD root, never in subfolders.
- Safely remove the MicroSD device from your pc
- Turn the 2WIN off
- Turn the 2WIN on using the ON/OFF button on KALEIDOS back panel ("System updating" message is displayed on 2WIN's screen and blue lights appear on the front).
- Wait a few minutes, until you see green lights flashing on 2WIN front and "Update complete!" message appears on 2WIN's screen.
- DON'T TURN OFF THE 2WIN
- Wait until the 2WIN restarts (approximately one minute).
- If also a firmware upgrade is required 2WIN will reboot again.
- Close the back door of the KALEIDOS.