Service Bulletin No 3/2019

Kanardia d.o.o.
Lopata 24A
3000 Celje
Slovenia

Date:	16.7.2019
Product:	Nesis II and Nesis III
Subject:	System reset

Revision History

The following table shows the revision history of this document.

Rev.	Date	Description
1.0	July 2019	Initial release

Contents

1 Effectivity

Only when needed – in the case if the Nesis does not want to start anymore.

2 Purpose & Background

For rare cases, when Nesis does not want to start anymore, system reset may solve the problem. Fail to start ussualy happens when configuration (layout) file has been changed. It can also happen after an update.

3 Compliance

Only when problem appears.

4 Instructions

This problem is solved in two steps. In the first step, a system reset is made. The system reset will put Nesis into *default* configuration (layout). In the second step, your specific configuration must be loaded.

Most probably, you do not have your specific configuration at hand and you will have to contact Kanardia to obtain it.

4.1 System Reset

An USB memory stick will be needed. Please make sure that the memory stick has less then 32 GB capacity and that is formated to FAT32 file format.

1. Download the latest software from our website. The latest version for Nesis II is 2.15.10. Nesis III may have versions 3.x.

2. Copy the file to USB stick. Make sure you use the *Safe remove* option before you remove the stick from the USB port on PC.

3. When Nesis is powered on, push and hold:

   Nesis II . . . the QNH button (top left button – first below the top left knob).
   Nesis III . . . the left most (page switcher) button.

   You shall hold the button until special update menu appears on the screen.

4. Select the `System Reset` from the menu.

5. Enter `49046` for the password. Use the knob. Touch screen is not working on Nesis III.

6. Nesis shall respond with the *Format success* message.

7. Insert the USB stick with the latest software into Nesis.

8. Select the `Update` option from the menu.

9. Select the update file from the list. This will put new software into Nesis.

10. Nesis will start, but with the default standard configuration layout.

4.2 Installing Configuration

Most probably you require some specific configuration. This configuration is not a part of the update any you need to obtain it from us.

1. Send an email and request your configuration. If you do not know the name of your configuration, please specify your instrument serial number, airplane type, where did you buy the instrument. This will help us to find correct configuration for you.

2. We will e-mail you the configuration in an attachemnt.

3. Copy the attachemnt to the USB memory stick. The name of the file is usually *yourairplane.kus*.

4. Start Nesis and open the `Options` page.

5. Insert the USB memory stick into

6. Select the `Transfer` icon.

7. Select the `Copy` command.

8. Select *yourairplane.kus* file from the list. This will copy the file into the system, but it will not activate it yet.

9. Close all windows and Nesis will reboot.

10. Open the `Options` page.

11. Select the `Info` icon.

12. Search for the `Service pass` option, you will probably need to scroll down. Write down or rember the number next to it. This is the password needed in the next steps.

13. Close the window and select the `Service` icon.

14. Enter the password. A window with service icons appears.

15. Select the `Settings` icon.

16. Select the `Layout` option.

17. Depending on your software version, select either `Layout` or `Load Layout`.

18. If asked for `Internal` or `USB`, select `Internal`.

19. Select *yourairplane.conf* from the list.

20. Close all windows. Nesis will restart with the new configuration.

Not all setting will be restored. You will probably have to make some manual tuning afterwards. Please refer to Nesis User's and Installation manuals for more details.

5 Additional Instructions

Weight and Balance: Not affected.

Manual: Not affected

Repetitive Inspections: Not required

Continuing Maintenance: Not required.

Appendix

Please refer also to:

- Nesis III User Manual.

- Nesis III Installation Manual.

The most recent manuals can be downloaded from our web site: `www.kanardia.eu`.

© Kanardia 2019