8 - DISPLAYING AND UPDATING OF THE SOFTWARE

8.1 - Software change log

Version 1.6, 18/03/2014:

• general improvements of hit detection when high capacitance epee are used;
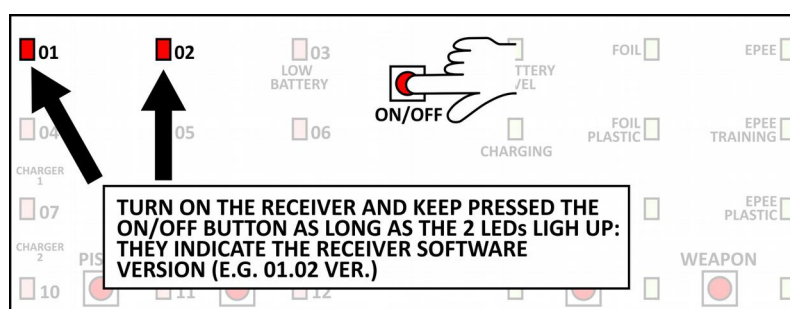
• improvements on fast hits for EPEE.

Version 1.5, 19/11/2013:

• solved some issues with extremely capacitive epees;

• better radio communication in case of Wi-Fi interferences.

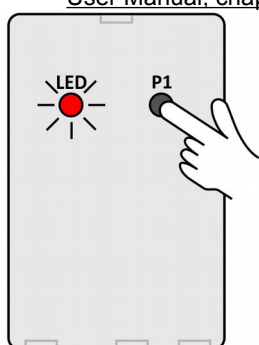### *8.2 - Verification of the RECEIVER and TRANSMITTERS software version*

It is possible to display the RECEIVER and Transmitters software version number through the following procedure:

1. Be sure that both TRANSMITTERS have been programmed with the RECEIVER, see user manual paragraph 3.1 and 3.2.

2. Turn off the RECEIVER.

3. Turn on the RECEIVER by pressing the ON/OFF button and keep it pressed for about 5s, until the two red LEDs light up: those LEDs indicate the number of the software version of the RECEIVER (e.g. picture below, version 01.02). Now it is possible to release the ON/OFF button.
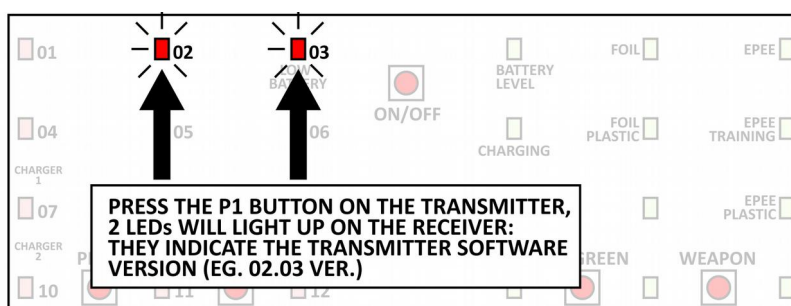

4. On the TRANSMITTER, press the P1 button, two red LEDs will light up on the RECEIVER for a few seconds: those LEDs indicate the software version of the TRANSMITTER (e.g. picture below : 02.03).

   Please note: The TRANSMITTER must have been previously programmed on the same piste of the RECEIVER (see User Manual, chapter 3)!
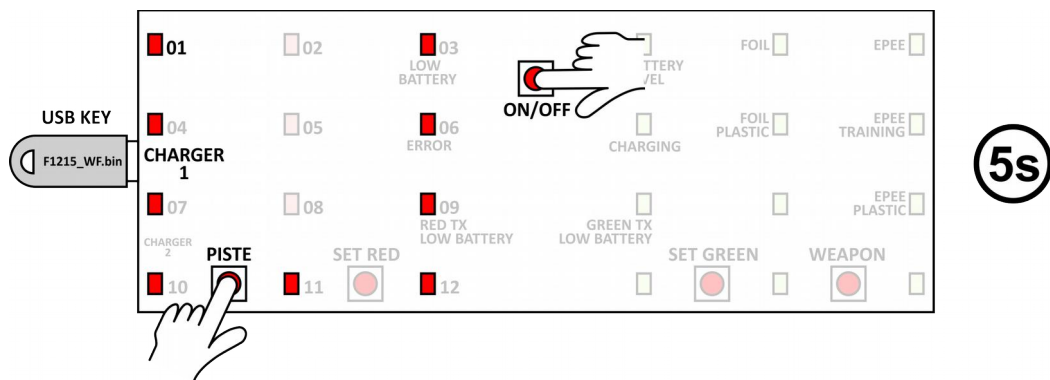

TRANSMITTER

5. Please press the ON/OFF button shortly to exit this procedure.

8.3 - Updating of the RECEIVER software

The RECEIVER and TRANSMITTER software is upgradeable by using a USB pen containing a single file. It is possible to verify the current version of the RECEIVER and TRANSMITTER software through the procedure indicated in chapter 8.1.

See here below the procedure for the upgrading:

1. Make sure the RECEIVER battery is fully charged: the green LED indicating the battery level has to blink two or three times . Otherwise, you have to do a complete recharge of the battery (see User manual chapter 6).
2. Download from the WF1 webpage the new software version, e.g. the file "WF1_release_1.5.zip".
3. Extract the zip file you have just downloaded and select the file "**F1215_WF.bin**".
4. Prepare a new and empty USB pen, without any file or folder in it.
5. Copy only the file "F1215_WF.bin" directly on the root of the USB pen, do not do it on a sub folder.
6. Turn off the RECEIVER by pressing the ON/OFF button. No LEDs have to blink.
7. Insert the USB pen on the connector indicated as **CHARGER 1**.
8. Keep pressed the **PISTE** and **ON/OFF** button for about 5s, as soon as you see a "U" on the red LEDs. Release the buttons.

9. If the updating of the RECEIVER has been done correctly, **all the green LEDs light up for 5s**, then the RECEIVER turns off.
10. If the updating has **not** been performed correctly, an X will appear on the red LEDs for 5s, then the RECEIVER turns off.
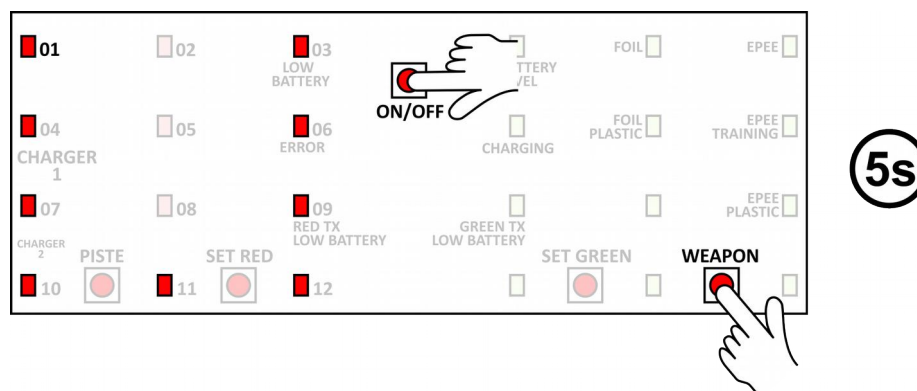
If the update procedure fails:
• check to have correctly inserted the USB pen on the correct connector **CHARGER 1**;
• check to have the file "**F1215_WF.bin**" on the root of USB key, and delete all other files;
• format the USB key using a PC, selecting FAT32 and quick format, copy again the file "**F1215_WF.bin**" and repeat the procedure from point 5.
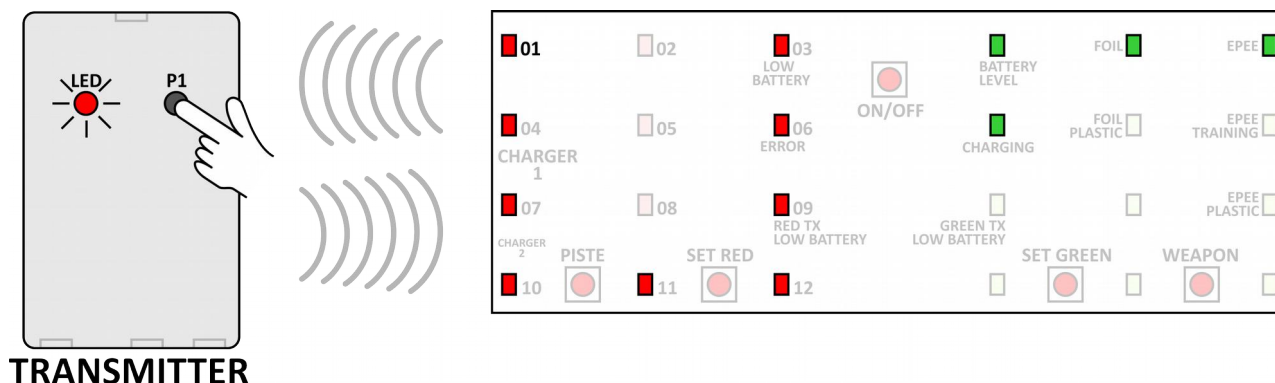
Please note: after the software update procedure of RECEIVER and TRANSMITTERS, program again the TRANSMITTERS as indicated in chapter 3.1 of the WF1 user manual.

8.4 - *Updating of the TRANSMITTER software by the RECEIVER*

1. Make sure the Transmitters are properly programmed with the RECEIVER: see User Manual chapters 3.1 and 3.2.

2. Make sure the TRANSMITTER battery is charged: do a complete recharge (see User Manual, chapter 6)

3. Turn off the RECEIVER by pressing the ON/OFF button. No LEDs have to blink.

4. Keep pressed the **WEAPON** and **ON/OFF** button for about 5s, as long as a blinking "U" appears on the red LEDs. Release the buttons.

5. If not yet operating, turn on the TRANSMITTER, and go close to the RECEIVER.

6. Keep pressed the P1 button on the TRANSMITTER as long as its L1 LED starts blinking and as long as the blinking "U" on the RECEIVER lights up stationary. The green LEDs have to light up in sequence.

7. The updating is completed within 15-20 sec. If executed correctly, all the green LEDs will light up stationary for 5s, after that, the RECEIVER will turn off.

8. If the updating has been interrupted or there have been problems, wait until the TRANSMITTER turns off automatically, then turn it on again by pressing the P1 button. If the RECEIVER is still in the updating procedure, it will restart the programming by lighting up again the green LEDs in sequence.

9. If the procedure interrupts again, wait until the TRANSMITTER turns off automatically. After that, turn off the RECEIVER by pressing the ON/OFF button. Repeat the procedure from dot 4.

10. If it is not possible to complete the procedure you can contact the Favero technical support.

Please note: In case the updating procedure has been started but has not been completed correctly the TRANSMITTER will not work. In such case, you have to repeat the procedure as long as it will be completed correctly

Please note: after the software update procedure of RECEIVER and TRANSMITTERS, program again the TRANSMITTERS as indicated in chapter 3.1 of the WF1 user manual.