

Important information on Firmware-Update AC-3X SW 2.6

Firmware 2.6 adds the following functions to AC-3X:

- Additional 3D tailmode with extra crisp stop
- Automatic trimfunction on swashplate and tail
- Optimized swashplate algorithm → very insensitive on center of gravity position!
- Servo reverse also on tail servo

Things to remember when updating to 2.6.:

1. Download the most recent AC-3X PC-SW Version 1.04 and install it on your PC.
2. I recommend to read out the AC-3X parameters via PC SW and to save them on your hardisk. Note the serial number of your AC-3X
3. The update to SW 6 can be done as described in the update manual which can be downloaded on the AC-3X homepage. When updating from SW 2.5 no manual data backup is necessary. When updating from SW 2.4 it might happen that your AC-3X has an inactive USB port. In this case follow the instructions given in the update manual.
4. The update should run automatically, follow the instructions given during the update. At the end of the update process please wait until all windows opened during the update have been closed.
5. **After the update it is important to check for correct function of the tail servo!** Due to the fact that its direction now can be reversed, the parameter for tail direction must be initialized. Normally this is done automatically but nevertheless I recommend to check this. In case that something is wrong with the tail servo, please go to the servo menu and set the servo direction manually.
6. The automatic trim function is switched off after the update. To activate it, please go to the tools menu and switch it on. When doing so, after first flight please press the lower button to store the trim values. When doing so, it is important to put pitch to middle position directly after landing as otherwise the trim position will be still influenced when the helicopter is standing on the ground. After saving the trim positions an "S" is displayed in the right upper corner of the AC-3X display.
7. When you want to use the new 3D tailmode you have to set the Stick Dynamic to negative values. Then two additional stop parameters appear in the tail menu which you have to optimize by yourself. For my Acrobat SE, Voodoo and Shark I recommend a Stick Dynamic of -30 to -35 and a Stop A of approx. 35 while Stop B can be left at 0.

The online Update of firmware 6 is free. In case that you do not want to do the update by yourself it is possible that you send the AC-3X to me for update at a cost of €20 plus postage.

www.acrobat-helicopter.com

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