

Programming of the remote head digital engines

1. Installation of the Faulhaber-software
2. Remove cover plate at the remote head (4 screws)
3. Pull out the 9-pole VGA jacks out for Pan and Tilt easily
4. Connect the control unit with the remote head and switch it on
5. Connect the USB-/null-modem cable with the VGA socket at the remote Head (first Pan, then Tilt)
6. Open the Faulhaber-software
7. Motion manager drive knot found
8. Open the terminal
9. Parameter file received (values are read out)
10. Important: AC – SP – MAV
11. Now give command:
 - a. AC = ramp for start and exit
 - b. SP = speed
 - c. MAV = window for joystick

Examples:

AC 50 -> soft ramp
AC 1000 -> hard ramp

SP 50 -> slow max.-speed
SP 1000 -> quick max.-speed

MAV 50 -> small window (sensitive behaviour of the joystick)
MAV 1000 -> big window (less sensitive behaviour of the joystick)

Normal values::

Pan:

AC 150
SP 8000
MAV 800

Tilt:

AC 200
SP 4500
MAV 800

12. If the desired values are determined, programming with EEPsAV must be stored into the EPROM.
13. Control of the new values: Open terminal - > Receive parameter file
14. Separate the computer connection and attach the cover again
15. The remote-head now runs with the new values