

Configure your EWD & SD programm



There are important things to setup before you can use this software.

First off all the EWD SD programm needs the AST Server IP address. Please press **CTRL + ALT + SHIFT + R** to get into the configuration form. You can see in the lower part of this form the current IP address from the EWD or SD ini file.

to change the IP address please enter the new address into the text boxes and press the **SET** button. The new IP address is stored in the ini file. Now restart the program. The connection to the AST server should be established.

Further you can change the weight unit between **KG** and **LBS** and the **AST** or **PM blue** color for the units. It is also possible to remove the main window frame. The aircraft area is disabled, but it is needed for next upgrades like **A330** and **340** in the future. Please use the red **X** button to close this window.

MOVING AND SIZING THE MAIN WINDOW

You can easily move and size you main window by mouse or you use of the arrow keys together with the CTRL key to move the window as well. Please look at hot key function table below. If you close the program (with the main window frame on) it will automatically store the window position into the EWD.ini or SD.ini file.

MOVING, SIZING AND ROTATING THE OpenGL WINDOW

Please use the arrow keys to move the OpenGL window inside the main window. To zoom in or zoom out the OpenGL window use the NUM PAD ADD or SUB key together with the CTRL key.

You can rotate the OpenGL window as well. There are four positions: 0, 90, 180 and 270 degrees. Take the R key together with the CTRL key to rotate the window plus 90 degrees to the actual position. Please look at hot key function table below.

If you close the program all information's like size, position and rotation will automatically be stored in the EWD.ini or SD.ini file.

THE KEYBOARD COMMANDS

All key strokes are transmitted to the server with exception of the hotkeys as listed below. You can control the whole system by using just one keyboard or you split the key strokes to 2...5 keyboards to have a better overview. Please refer the server user manual for further informations.

HARD CODED KEY COMMANDS

FUNCTION	KEY
ROTATE	CTRL + R
FRAME ON/OFF	CTRL + SHIFT + R
SHOW SETTINGS	CTRL + SHIFT + ALT + R
ZOOM IN	CTRL + NUM PAD ADD
ZOOM OUT	CTRL + NUM PAD SUB
MOVE MAIN WINDOW LEFT	ALT + NUM PAD 4 KEY
MOVE MAIN WINDOW RIGHT	ALT + NUM PAD 6 KEY
MOVE MAIN WINDOW UP	ALT + NUM PAD 8 KEY
MOVE MAIN WINDOW DOWN	ALT + NUM PAD 2 KEY
MOVE OPENGL WINDOW LEFT	CTRL + LEFT ARROW KEY
MOVE OPENGL WINDOW RIGHT	CTRL + RIGHT ARROW KEY
MOVE OPENGL WINDOW UP	CTRL + UP ARROW KEY
MOVE OPENGL WINDOW DOWN	CTRL + DOWN ARROW KEY
BRIGHTNESS MORE	NUM PAD ADD
BRIGHTNESS LESS	NUM PAD SUB

FSUIPC CONTROLS

Please write the following numbers to the FSUIPC offset &H4850 (2 Bytes) to control the EWD & SD.

FUNCTION	FSUIPC value @ &H4850	KEY CMD
EWD On	1	F1
EWD Off	2	F1 + CTL
EWD Toggle	3	F1 + ALT
SD On	4	F2
SD Off	5	F2 + CTL
SD Toggle	6	F2 + ALT
ECAM Panel ALL	60	F1 + SHIFT + CTL
ECAM Panel CLR	61	F2 + SHIFT + CTL
ECAM Panel RCL	62	F3 + SHIFT + CTL
ECAM Panel EMER CANC	63	F4 + SHIFT + CTL
ECAM Panel T.O CONF	64	F5 + SHIFT + CTL
ECAM Panel APU	65	F1 + SHIFT
ECAM Panel BLEED	66	F2 + SHIFT
ECAM Panel COND	67	F3 + SHIFT
ECAM Panel DOOR	68	F4 + SHIFT
ECAM Panel ENG	69	F5 + SHIFT
ECAM Panel ELEC	70	F6 + SHIFT
ECAM Panel F/CTL	71	F7 + SHIFT
ECAM Panel FUEL	72	F8 + SHIFT
ECAM Panel HYD	73	F9 + SHIFT
ECAM Panel PRESS	74	F10 + SHIFT
ECAM Panel WHEEL	75	F11 + SHIFT
ECAM Panel STS	76	F12 + SHIFT

FUNCTION	FSUIPC value @ &H4850	KEY CMD
Eng1 Switch On	20	F6
Eng1 Switch Off	21	F6 + CTL
Eng1 SwitchToggle	22	F6 + ALT
Eng2 Switch On	23	F7
Eng2 Switch Off	24	F7 + CTL
Eng2 SwitchToggle	25	F7 + ALT
Eng3 Switch On	26	F8
Eng3 Switch Off	27	F8 + CTL
Eng3 SwitchToggle	28	F8 + ALT
Eng4 Switch On	29	F9
Eng4 Switch Off	30	F9 + CTL
Eng4 SwitchToggle	31	F9 + ALT
Engine Starter SW Pos Starter	44	F12
Engine Starter SW Pos Norm	45	F11
Engine Starter SW Pos Crank	46	F10
AB LOW Toggle	50	F10 + CTL
AB MED Togge	51	F11 + CTL
AB MAX Toggle	52	F12 + CTL
BRAKE FAN On	53	F5
BRAKE FAN Off	54	F5 + CTL
BRAKE FAN Toggle	55	F5 + ALT
ASKID On	56	F4
ASKID Off	57	F4 + CTL
ASKID Toggle	58	F4 + ALT

FUNCTION	FSUIPC Offset	Range
Brightness EWD	&H4860	0-255
Brightness SD	&H4861	0-255

Please refer to www.airsimtech.com for further information's.