

IL ☆ 2 STURMOVIK GREAT BATTLES

Joystick Gremlin and vJoy buttons

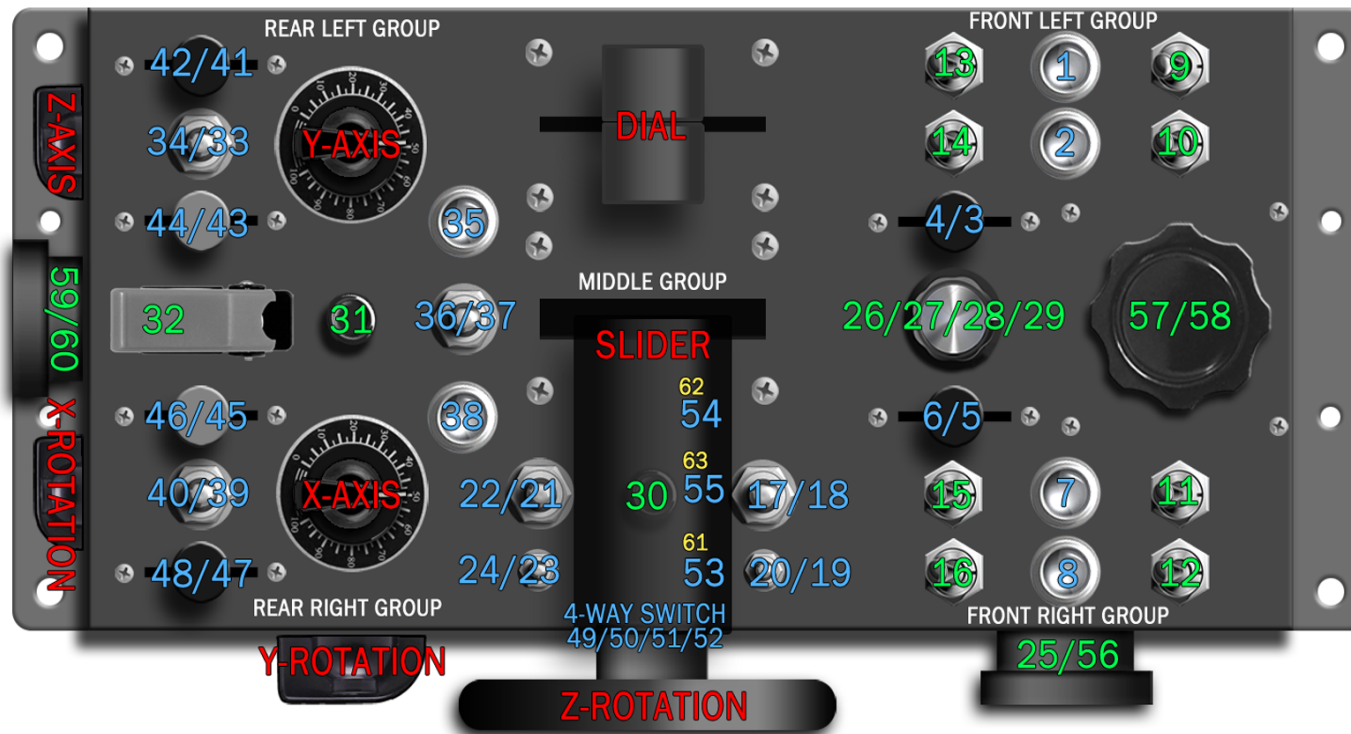
Kanttorin Kone Throttle Console functions

Custom in game Key Mapping Example ver 2.0

JOYSTICK GREMLIN AND vJOY MAPPING

BLUE = ORIGINAL BUTTON NUMBERS 1 - 55 / GREEN = REMAPPED BUTTON NUMBERS 65 - 110

YELLOW = 3 OPTIONAL BUTTON NUMBERS 61 - 63 / RED = 8 ANALOG AXES



Notice that IL-2 Sturmovik button numbers are always vJoy (or any other device) button number minus 1!
Throttle handle button numbers and amount may vary between models (small yellow numbers are new 3 small buttons).
These button functions are only my personal mapping examples. Make your own mapping if you don't need some of my functions! :)

Services

ACTIONS (new features = bolt text)	vJoy Button No	CONSOLE button, switch or axis / location (same button)
Accelerate time in mission (or bombs mode toggle!)	vJoy b25	Black round knob (clockwise) / sidewall
Decelerate time in mission (or bombs delay toggle!)	vJoy b53	Black round knob (counter clockwise) / sidewall
<i>Show/hide ESC menu (NO assign, it's in JG profile!)</i>	<i>vJoy b24</i>	<i>Micro On-Off-On switch (backward = bwd) / middle group</i>
Lobby (statistics)	vJoy b20	Micro On-Off-On switch (bwd) / middle group
Show/hide mission briefing (map)	vJoy b54	Black push button (front left) / throttle handle

Pilot Head Control

Pilot head: zoom in	vJoy b50	4-way thumb switch (bwd) / throttle handle
Pilot head: zoom out	vJoy b52	4-way thumb switch (forward = fwd) / throttle handle
<i>Not in game mapping: Track IR centering</i>	<i>vJoy b51</i>	<i>4-way thumb switch (up) / throttle handle</i>

Plane Controls

AI-autopilot for level flight: on/off	vJoy b19	Micro On-Off-On switch (forward) / middle group
Level flight AI-autopilot: left turn	vJoy b17	Metal/rubber On-Off-On switch (left) / middle group
Level flight AI-autopilot: right turn	vJoy b18	Metal/rubber On-Off-On switch (right) / middle group
Rudder trim axis	Vjoy b57/vJoy b58	Black round knob (turn left/right) / front mid
Elevator trim axis	Vjoy Z-ROTATION	Big trim and stabilizer wheel / sidewall mid
Aileron trim axis	Vjoy b59/vJoy b60	Black round knob (turn left/right) / rear end mid
Reset trimmers	vJoy b19	Metal/rubber On-Off-On switch (right) / middle group
Adjustable stabilizer axis	Vjoy Z-ROTATION	Big trim and stabilizer wheel / sidewall mid
Adjustable stabilizer switch: pitch up	vJoy b22	Metal/rubber On-Off-On switch (bwd) / middle group
Adjustable stabilizer switch: pitch down	vJoy b21	Metal/rubber On-Off-On switch (fwd) / middle group
Flaps up	vJoy b5	Big knob On-Off-On switch (fwd) / front right group
Flaps down	vJoy b6	Big knob On-Off-On switch (bwd) front right group
AirBrakes on/off	vJoy b14	Metal On-Off switch / front left group (siren)
Attack Siren on/off	vJoy b14	Metal On-Off switch / front left group (airbakes)
Gear up	vJoy b3	Big knob On-Off-On switch (fwd) / front left group
Gear down	vJoy b4	Big knob On-Off-On switch (bwd) / front left group
Tail wheel lock/unlock	vJoy b8	Metal push button / front right group (personal gun)
Wheel brakes	vJoy b49	4-way thumb switch (down) / throttle handle (nose wheel)
<i>Left wheel brakes</i>		<i>Notice: Your left rudder pedal toe brake = axis w</i>

Right wheel brakes

Nose/tail wheel brakes

Wheels parking brakes on/off

Canopy open/close

Window open/close

Landing lights on/off

Navigation lights on/off

Cockpit light on/off

Formation lights on/off

Altimeter: reference pressure toggle

Eject

vJoy b49

vJoy b15

vJoy b10

vJoy b10

vJoy b16

vJoy b12

vJoy b11

vJoy b15

vJoy b9

vJoy b31

Plane Engine Control

Engage engines start procedure / Stop engine

Engines ignition (Me 262)

Engine blip switch (ignition interruption)

Engines throttle control

Engines mixture control

Engine superchargers mode switch

Engines turbosupercharger control

Switch engines boost: on/off

Propeller RPM control

Switch propellers pitch control mode: manual/auto

Propellers: high pitch

Propellers: low pitch

Propellers feathering: on/off

Oil radiators shutters control axis

Switch oil radiators control mode: manual/auto

He-111, Bf-110 oil radiators:open one step

He-111, Bf-110 oil radiators:close one step

Water radiators shutters control axis

Switch water radiators control mode: manual/auto

Bf-109/110, Spitfire water radiator: open

Bf-109/110, Spitfire water radiator: close

vJoy b31

vJoy b31

vJoy b31

vJoy SLIDER

vJoy Y-ROTATION

vJoy b47 / vJoy b48

vJoy b47 / vJoy b48

vJoy b30

vJoy DIAL

vJoy b34

vJoy b41

vJoy b42

vJoy b33

vJoy Y-AXIS

vJoy b39

vJoy b43

vJoy b44

vJoy X-ROTATION

vJoy b40

vJoy b45

vJoy b46

Notice: Your right rudder pedal toe brake = axis s

4-way thumb switch (down) / throttle handle (wheel brakes)

Metal On-Off switch / front right group (formation lights)

Metal On-Off switch / front left group (window/rearm)

Metal On-Off switch / front left group (canopy/rearm)

Metal On-Off switch / front right group

Metal On-Off switch / front right group

Metal On-Off switch / front right group

Metal On-Off switch / front right group (parking brakes)

Metal On-Off switch / front left group (gunners orders)

Red/carbon covered On-Off switch / rear middle

Black Push-Pull switch (pull = start/stop) /rear mid

Black Push-Pull switch (pull = start/stop) /rear mid

Black Push-Pull switch (pull = start/stop) /rear mid

Yellow throttle lever handle (axis_p in game)

Big chicken head knob (axis_s in game) / sidewall

Black/yellow On-Off-On switch / rear left group

Black/yellow On-Off-On switch / rear left group

Black/yellow Push-Pull switch / middle group

Red RPM lever handle (axis_q)

Metal On-Off-On switch (bwd) / rear left group

Yellow/black knob On-Off-On switch (fwd) / rear left group

Yellow/black knob On-Off-On switch (bwd) / rear left group

Metal On-Off-On switch (forward) / rear left group

Brown/black chicken head knob (axis_z) / rear end

Metal On-Off-On switch (fwd) / rear right group

Brown/black On-Off-On switch (fwd) / rear left group

Brown/black On-Off-On switch (bwd) / rear left group

Green/black chicken head knob (axis_w) / rear end

Metal On-Off-On switch (fwd) / rear right group

Green/black On-Off-On switch (fwd) / rear right group

Green/black On-Off-On switch (bwd) / rear right group

Engines inlet cowl shutters control (upper/intercooler)
Engines outlet cowl shutters control
Switch common control of engines on/off
Switch engine 1 control on/off
Switch engine 2 control on/off
Start/stop the refueling process (service area)

vJoy X-AXIS
vJoy Y-AXIS
vJoy b36
vJoy b35
vJoy b38
vJoy b37

Black chicken head knob (axis_x) / rear right group
Black chicken head knob (axis_y) / rear left group
Metal On-Off-On switch (left) / rear mid
Metal push button / rear left group
Metal push button / rear right group
Metal On-Off-On switch (right) / rear mid

Weapons Controls

Bomb sight
Drop bombs mode toggle (or accelerate time!)
Drop bombs delay toggle (or declereate time!)
Launch rockets mode toggle
Jettison stores
Bomb bay doors toggle
Reload all guns
Remove personal weapon / flare pistol
Red flare
Green flare
White flare
Personal gun
Shoot personal weapon / flare pistol
Switch to a next free combat post
Switch to default position (pilot position)
Reload turret guns
Gunners: Fire at will

vJoy b55
vJoy b25
vJoy b53
vJoy b1
vJoy b2
vJoy b13
vJoy b49
vJoy b26
vJoy b27
vJoy b28
vJoy b29
vJoy b8
vJoy b7
vJoy b53
vJoy b55
vJoy b49
vJoy b9

Gunners: Normal engage distance
Start/stop the rearming process (service area)

vJoy b9
vJoy b10

Black push button (front middle) / throttle handle (pilot pos)
Black round knob (clockwise) / sidewall
Black round knob (counter clockwise) / sidewall
Metal push button / front left group
Metal push button / front left group
Metal On-Off switch / front left group
4-way thumb switch (down) / throttle handle (Brakes)
Round knob rotary 5-position switch / front mid
Round knob rotary 5-position switch / front mid
Round knob rotary 5-position switch / front mid
Round knob rotary 5-position switch / front mid
Metal push button / front right group (tail wheel)
Metal push button / front right group
Black push button (front right) / throttle handle
Black push button (front middle) / throttle handle (bomb sight)
4-way thumb switch (down) / throttle handle (Brakes)
Metal On-Off switch / front left group (altimeter ref.)

*When I reset the altimeter reference pressure before sortie (home base)
that same switch orders my gunners how to open fire. Use it or not! :)*

Metal On-Off switch / front left group (altimeter ref.)
Metal On-Off switch / front left group (canopy/window)

New: Open your canopy, relax and order ground men to rearm your plane! :)