

Star Citizen — Dual Thrustmaster SOL-R 2 HOSAS

Complete Button Mappings (Pure In-Game) — 4.10

AXES

Stick	Axis	Function
Right	Y	Pitch
Right	X	Yaw
Right	Twist (Z)	Roll
Left	X	Strafe Left / Right
Left	Y	Throttle Forward / Back
Left	Twist (Z)	Strafe Up / Down

RIGHT STICK — AIMING & COMBAT

Control	Location	Function
Main Trigger 1st	Dual-stage trigger (half)	Fire Weapon Group 1
Main Trigger 2nd	Dual-stage trigger (full)	Fire Weapon Group 2
Secondary Trigger	Upper / secondary trigger	Boost / Afterburner
Pinky Switch	Rear pinky lever	Space Brake
Face Button 1	Top face button	Launch Missile
Face Button 2	Second face button	Missile Operator Mode
Hat 1 Up	Primary hat	Cycle Hostile Targets
Hat 1 Down	Primary hat	Cycle Friendly Targets
Hat 1 Left	Primary hat	Cycle Target in View
Hat 1 Right	Primary hat	Lock / Unlock Target
Hat 1 Push	Primary hat	Target Under Reticle
Hat 2 Up	Secondary hat	Power to Weapons
Hat 2 Down	Secondary hat	Power to Shields
Hat 2 Left	Secondary hat	Power to Engines
Hat 2 Right	Secondary hat	Reset Power
Hat 2 Push	Secondary hat	Gimbal Assist Cycle
Ministick Click	Ministick press	Deploy Decoy
Thumbwheel	Thumb scroll wheel	Cycle Missile Type / Increase Missiles

LEFT STICK — MOVEMENT & SYSTEMS

Control	Location	Function
Main Trigger 1st	Dual-stage trigger (half)	Coupled / Decoupled
Main Trigger 2nd	Dual-stage trigger (full)	Flight Ready
Secondary Trigger	Upper / secondary trigger	Space Brake
Pinky Switch	Rear pinky lever	Exit Seat (Hold)
Face Button 1	Top face button	Activate Scan / Mining Laser
Face Button 2	Second face button	Radar Ping
Hat 1 Up	Primary hat	Master Mode Cycle
Hat 1 Down	Primary hat	Engage Quantum Travel
Hat 1 Left	Primary hat	Landing Gear
Hat 1 Right	Primary hat	VTOL Toggle
Hat 1 Push	Primary hat	Request Landing
Hat 2 Up	Secondary hat	Ship Lights
Hat 2 Down	Secondary hat	Night Vision
Hat 2 Left	Secondary hat	Lock / Unlock Doors
Hat 2 Right	Secondary hat	Self Destruct (Hold)
Hat 2 Push	Secondary hat	Scanning Mode
Ministick Click	Ministick press	Mining Mode Toggle
Thumbwheel	Thumb scroll wheel	Speed Limiter / Scan Angle

BASE CONTROLS (per stick)

Control	Function (suggested)
Thrust Slider	Speed Limiter (left) / Mining Laser Power (right)
Base Buttons (8)	MobiGlas, Inventory, Doors, Lights, Preference
Mode Selector	Operator Modes or secondary systems
Rotary / Encoder	Shield Faces or secondary power

Bind in-game: Options → Keybindings → Advanced Controls Customization. Save profile when finished. Use pp_resortdevices joystick 1 2 if sticks are swapped.