Joystick inputs

Orx supports up to 16 joysticks or gamepad devices.

Joystick buttons

Here's the list of the available joystick buttons for the input config system (**replace the * with the ID of the joystick you want to use, a number between 1 and 16**):

- JOY 1 *
- JOY 2 *
- JOY 3 *
- JOY 4 *
- JOY_5_*
- JOY 6 *
- JOY 7 *
- JOY_8_*
- JOY_9_*
- JOY_10_*
- JOY_11_*
- JOY 12 *
- JOY 13 *
- JOY_14_*
- JOY 15 *
- JOY 16 *

Joystick axes

Here's the list of the available joystick axes for the input config system (replace the * with the ID of the joystick you want to use, starting with 1):

- JOY X *
- JOY Y *
- JOY Z *
- JOY_R_*
- JOY U *
- JOY V *
- JOY POV *

Each is a axis. For example: JOY_X_ is usually the left right of an analog stick, while JOY_Y_ is the up down axis of the same stick.

JOY_Z_ and JOY_R_ can be the left/right up/down of another stick.

Each controller will implement its layout differently. It is helpful to consider providing remapping in your game.

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Joystick half-axes

Here's the list of the available joystick half axes for the input config system which allow you to easily use the axis like an 8-way old school joystick (**replace the * with the ID of the joystick you want to use: 1 to 16**):

- +JOY_X_* (Binds joystick's positive X half-axis to an input)
- -JOY X * (Binds joystick's negative X half-axis to an input)
- +JOY Y * (Binds joystick's positive Y half-axis to an input)
- -JOY Y * (Binds joystick's negative Y half-axis to an input)
- +JOY_Z_* (Binds joystick's positive Z half-axis to an input)
- -JOY Z * (Binds joystick's negative Z half-axis to an input)
- +JOY_R_* (Binds joystick's positive R half-axis to an input)
- -JOY_R_* (Binds joystick's negative R half-axis to an input)

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Last update: 2025/09/30 17:26 (7 weeks ago)

