

CSE 450/453

Shooter Game Controller System

User Manual

Game Development Team

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User Manual

Gun Controller Functions

To use the gun controller, simply plug the USB-A cable into your computer. From there, you can immediately begin using the controller, it should recognize your device automatically without any additional setup of software.



Trigger Button Functions

Button	Action
Mouse 1 (Primary trigger)	Left Click (Not in game)
Mouse 2 (Secondary trigger)	Right Click (Aim in game)
Hold Secondary + Press Primary	Shoot (In game)
Hold Recalibration + Press Primary	Increase Sensitivity
Hold Recalibration + Press Secondary	Decrease Sensitivity
Hold Recalibration + Primary + Secondary	Reset Controller

Arcade LED Button Functions

Left

Button Color	Game Function	Keyboard Mapping
Green	Open Inventory Menu	Q
White	Switch to Hand	1
White	Select Pistol	2
White	Select Rifle	3

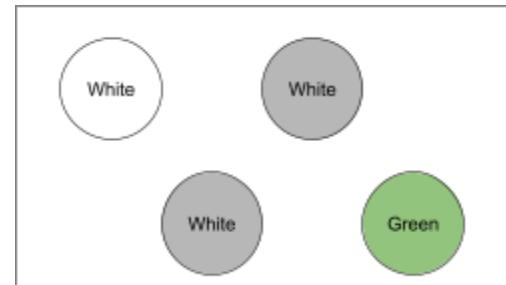
Right

Button Color	Game Function	Keyboard Mapping
Blue	Interact/Equip	E
Red	Reload Weapon	R
Yellow	Use Rope	F
Yellow	Flashlight	4

Button Combinations

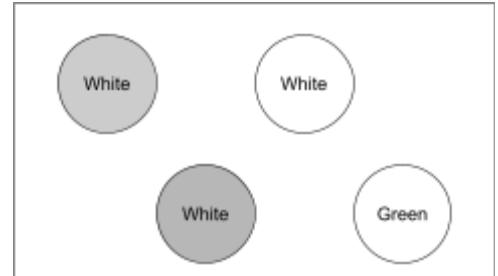
Inventory Scroll Up/Down

Hold	Press	Results
Q (Green)	1 (White)	Scroll up
Q (Green)	2 (White)	Scroll down



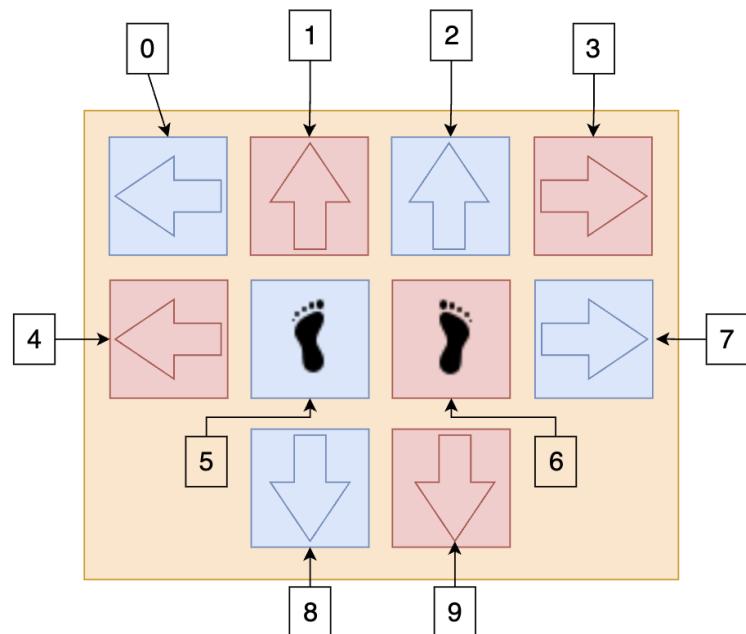
Double Jump

Press	And	Results
2 (White)	3 (White)	Double jump



Movement Pad Functions

To use the movement pad, similar to the gun controller, all you need to do is plug the USB-A cable into your computer. From there, the movement pad will be automatically recognized, and you can start using it right away without any setup.



Pad To Key Mapping

Pad	Keys
Pad 0	Ctrl
Pad 1	W
Pad 2	W
Pad 3	Ctrl
Pad 4	A
Pad 5	N/A
Pad 6	N/A
Pad 7	D
Pad 8	S
Pad 9	S

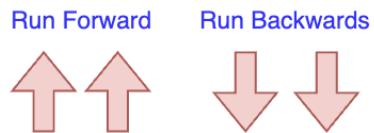
Pad Combinations

Walking



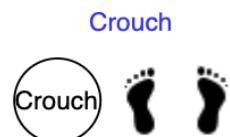
Pad Combination	Keys	Action
6 (left leg) + 1 (right leg)	N/A + W	Walk Up
4 (left leg) + 6 (right leg)	A + N/A	Walk Left
5 (left leg) + 7 (right leg)	N/A + D	Walk Right
8 (left leg) + 6 (right leg)	S + N/A	Walk Down

Running



Pad Combination	Keys	Action
1(left leg) + 2 (right leg)	Shift + W	Run Forward
8 (left leg) + 9 (right leg)	Shift + S	Run Backward

Crouch controls



Pad Combination	Keys	Action
(0 left hand or 3 right hand) + 5(left leg) + 6(right leg)	Ctrl + N/A +N/A	Toggle Crouch

Jumping



When there is no pressure on tiles 5 & 6, the character will jump

Pad Combination	Keys	Action
N/A + N/A	Space	Jump