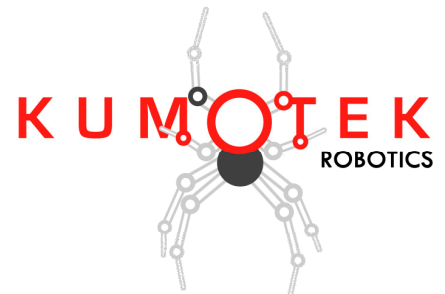


# KT-X



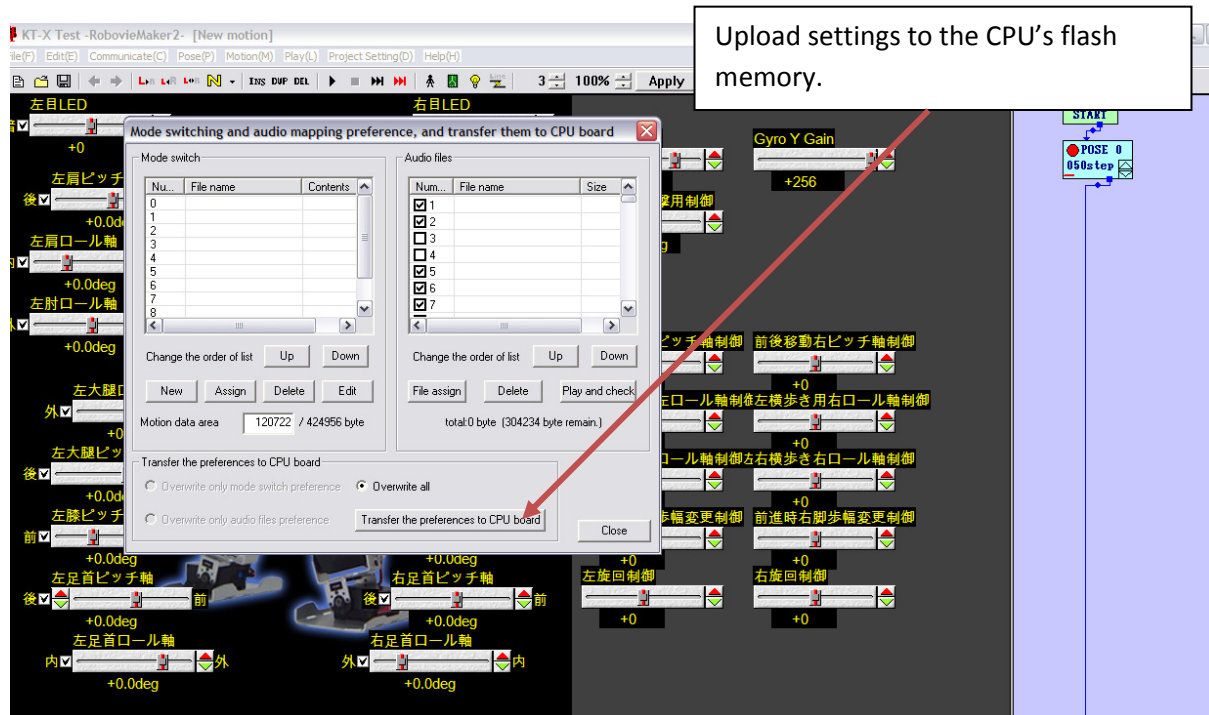
## Remote Control Manual



This manual explains how to operate the KT-X bipedal humanoid robot with a PS2 gamepad controller.

**Step 1:** Make sure the KT-X battery is fully charged the controller programs have been uploaded into the robot.

**Step 2:** Place the CPU rotary switch to the desired position. Note: only positions with values assigned during the motion programming phase of the setup will be assigned controller values. For instance, if you did not assign a routine to CPU rotary switch position “5” and upload it to the robot’s flash memory, the controller will be inoperative in this position, or the controller will use the previous uploaded settings to position “5”. This position is empty by default.



**Step 3:** Apply power to the robot and press the reset button on the robot’s CPU.

**Step 4:** Make sure the robot is in a safe place and will not endanger anything around it when power is suddenly applied to the servos. You may want to hold the robot by its torso with one hand, and...

**Step 5:** ...with power applied to the robot, and the rotary switch in the desired position, hold down the “select” button on the remote control and push “start” (while holding continuously holding “select”).



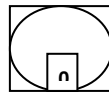
Your KT-X should have sprung to life at this point. If not, go back and assess the following:

1. The robot is turned on.
2. Both the battery on the robot and inside the controller is fully charged.
3. The upload to the robot's CPU was successful.

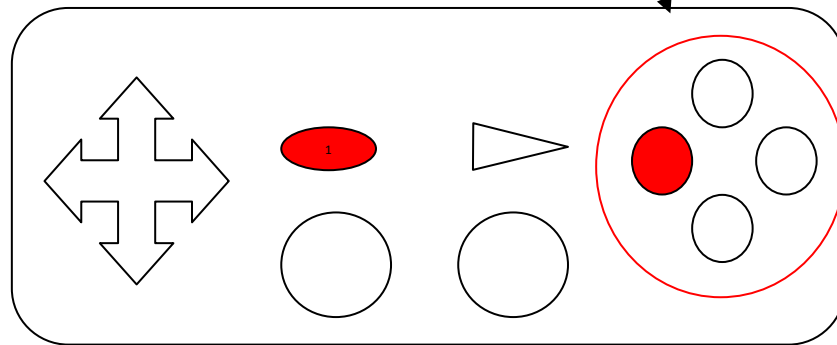
Default Gamepad configurations:

Activate and switch between modes by pressing one of the four buttons while holding down the "select" button.

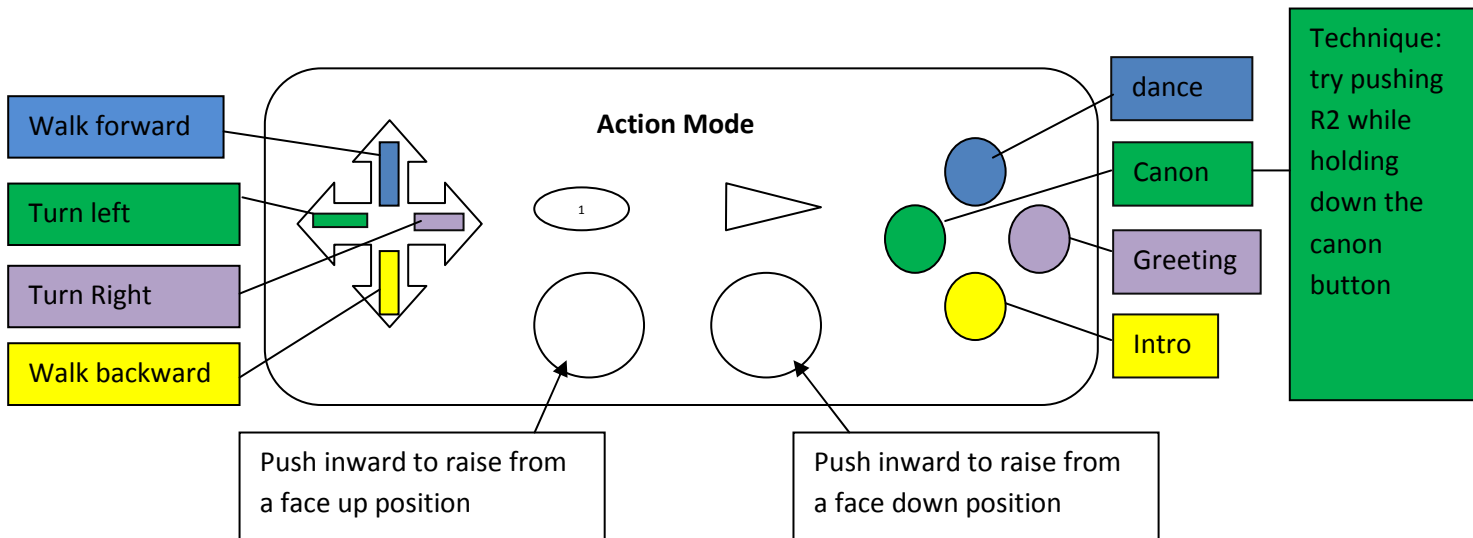
### Rotary Switch Position "0"



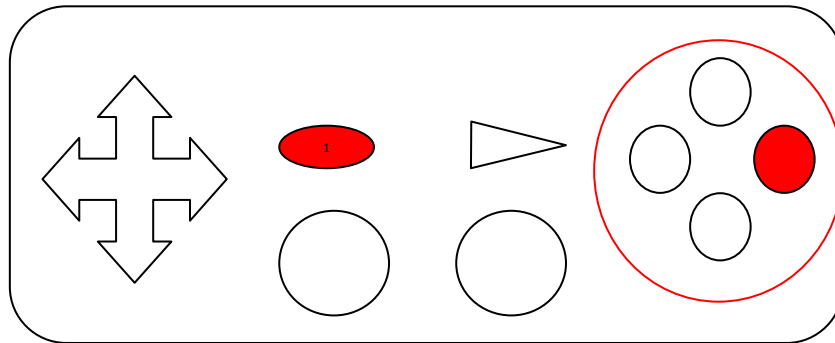
### Digital Action Mode



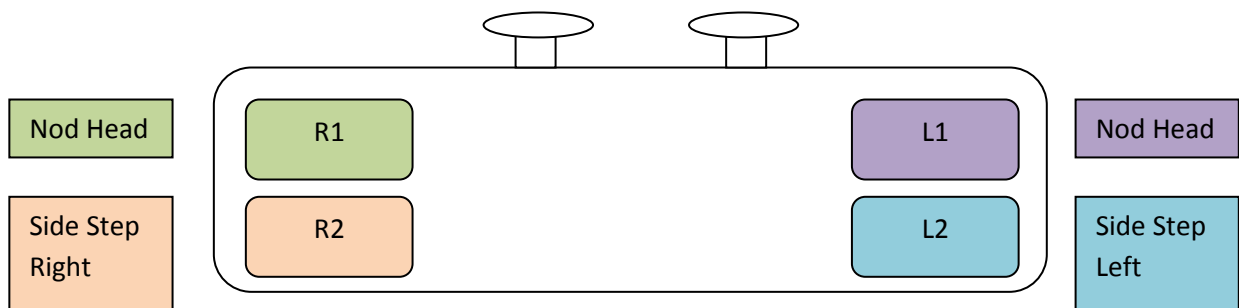
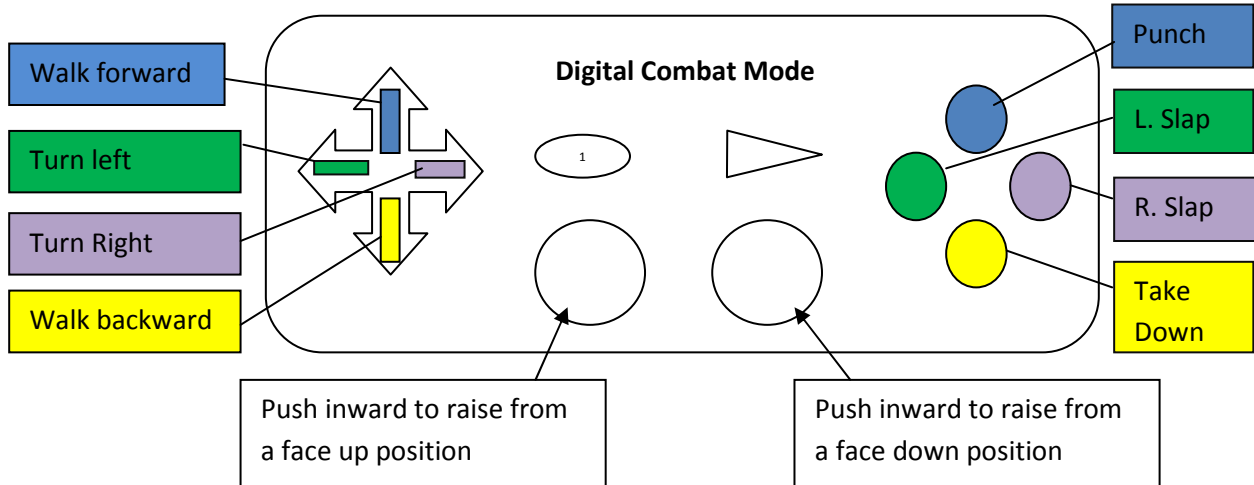
Hold down select and press the button as shown above to activate digital action mode.



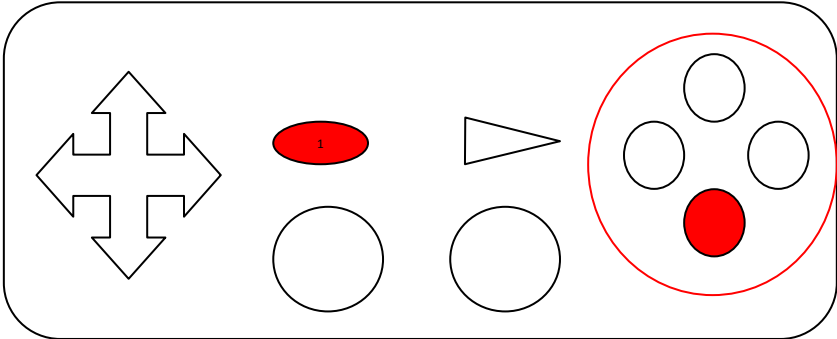
## Digital Combat Mode



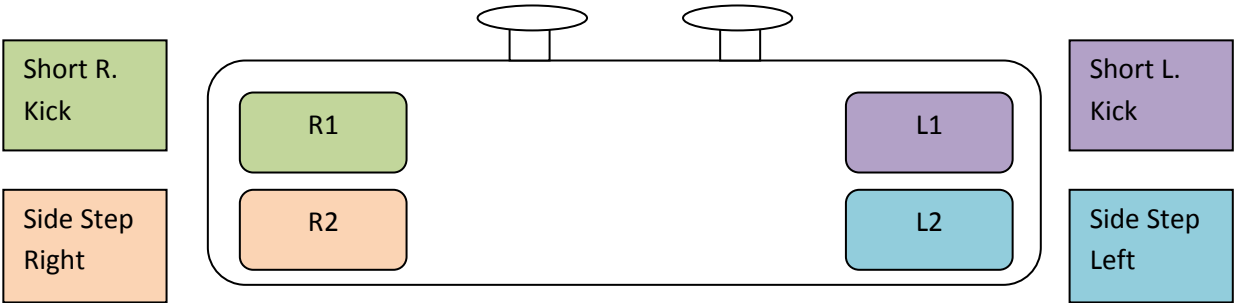
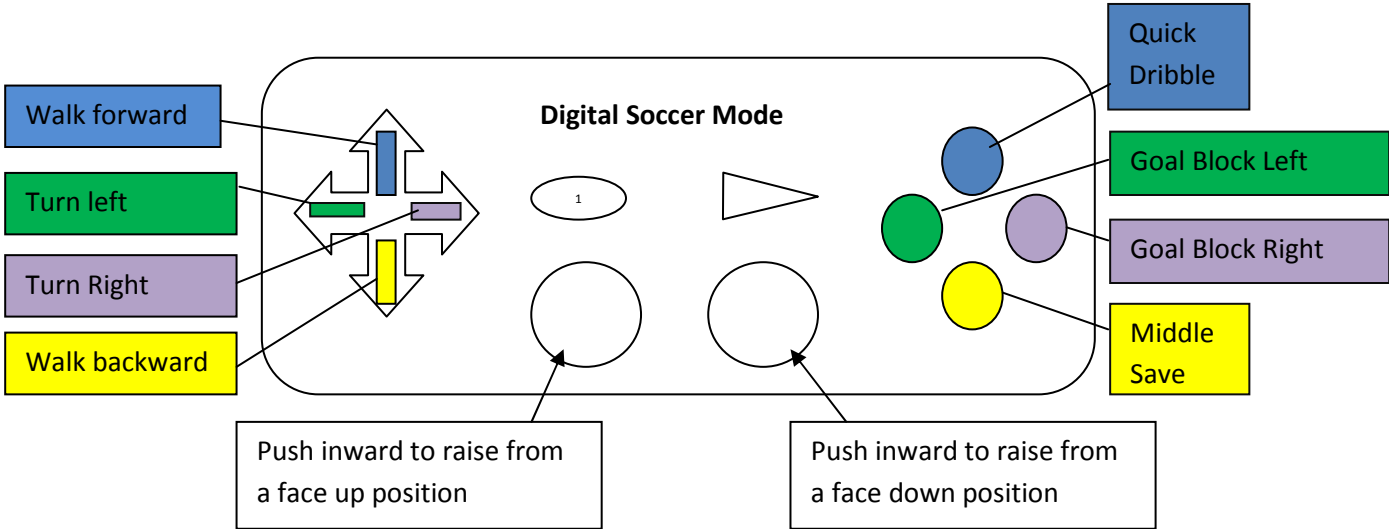
Hold down select and press the button as shown above to digital combat mode.



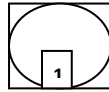
# Digital Soccer Mode



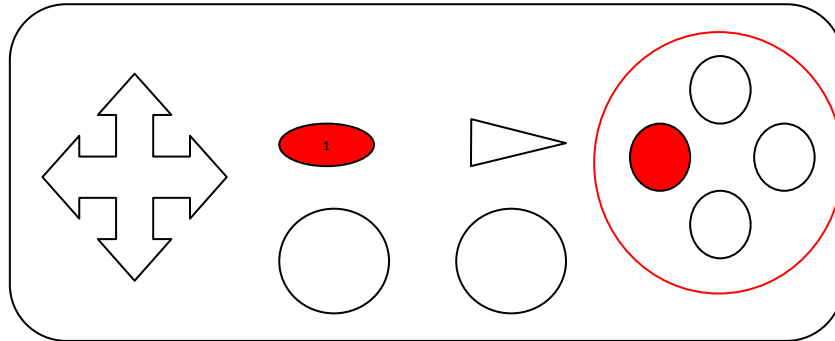
Hold down select and press the button as shown above to digital soccer mode.



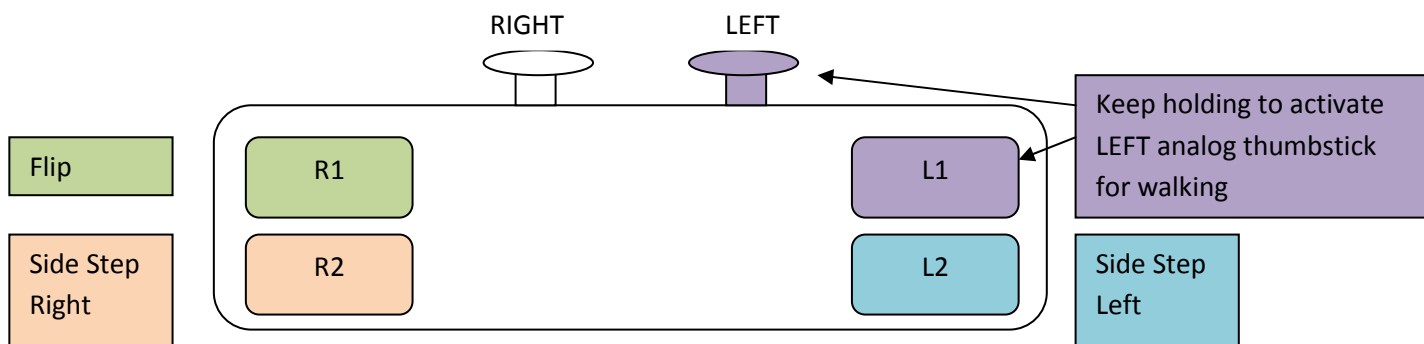
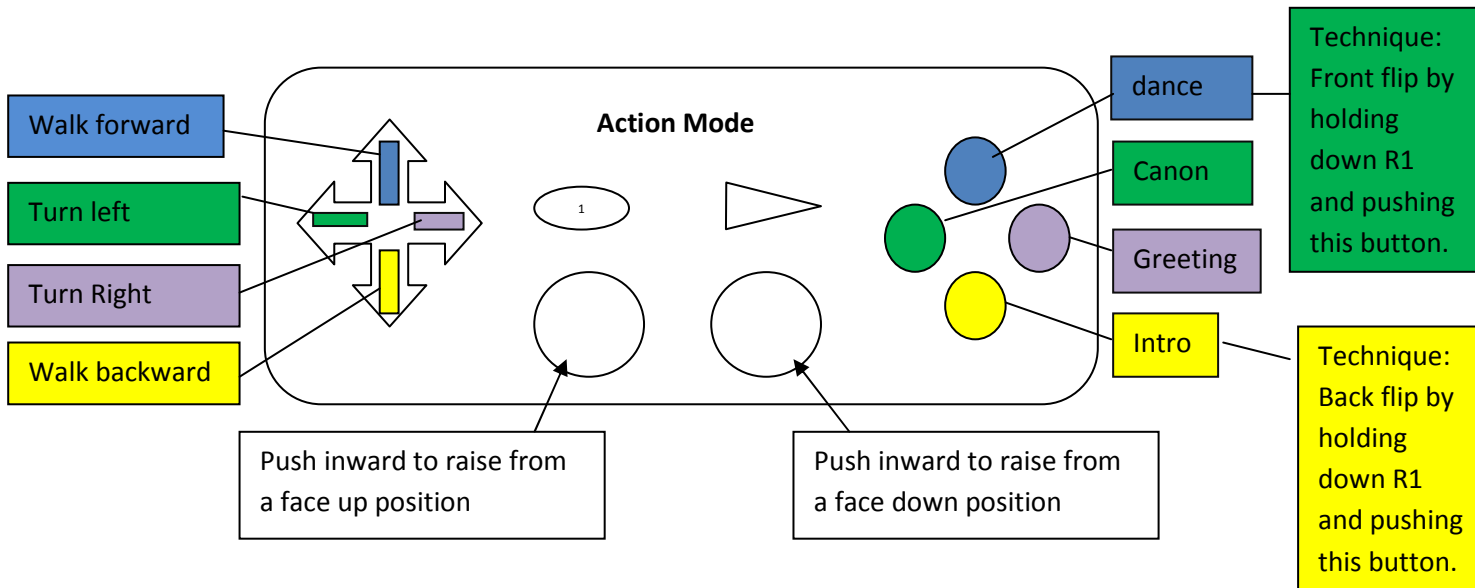
# Rotary Switch Position "1"



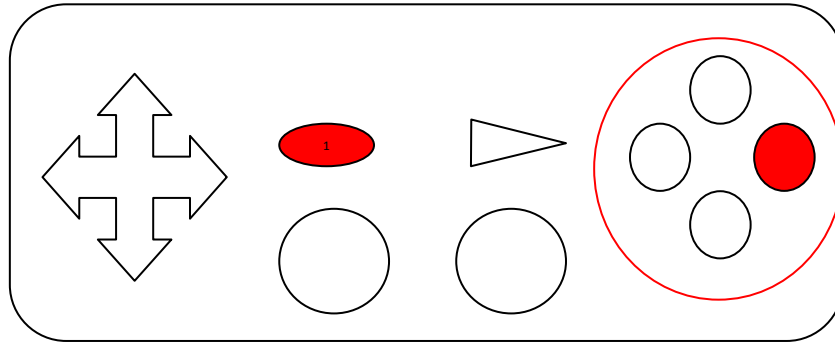
## Analog Action Mode



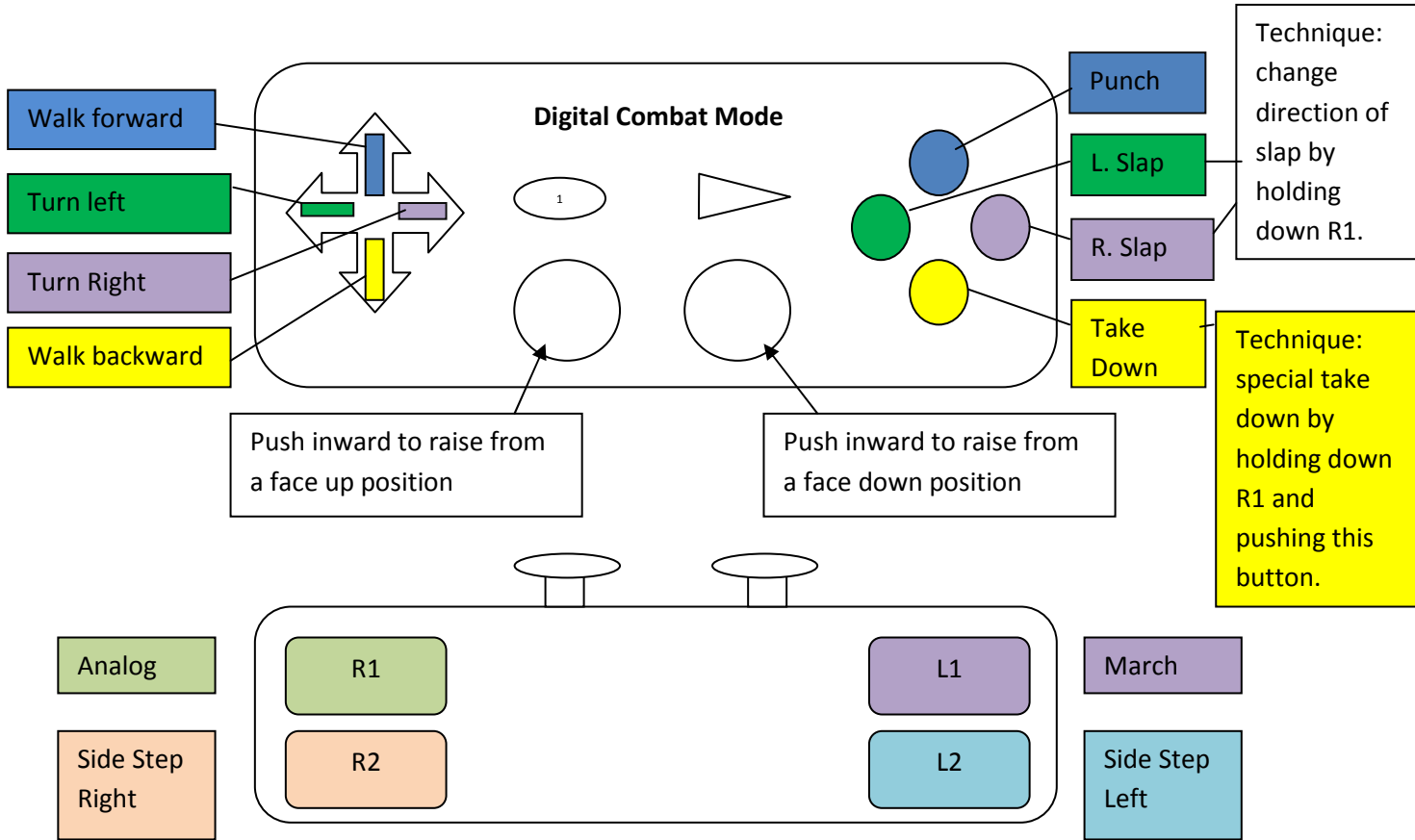
Hold down select and press the button as shown above to activate analog action mode.



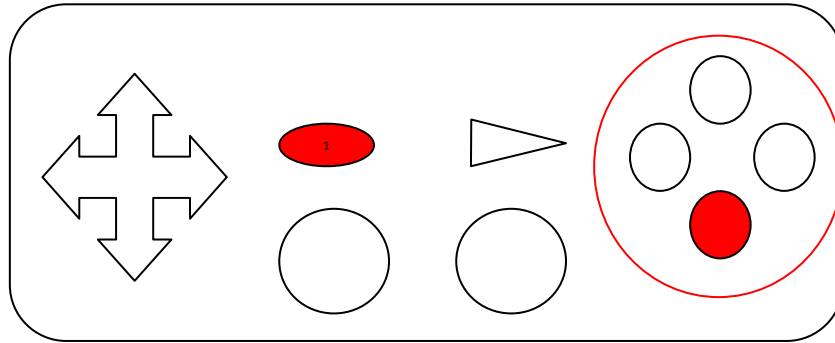
# Analog Combat Mode



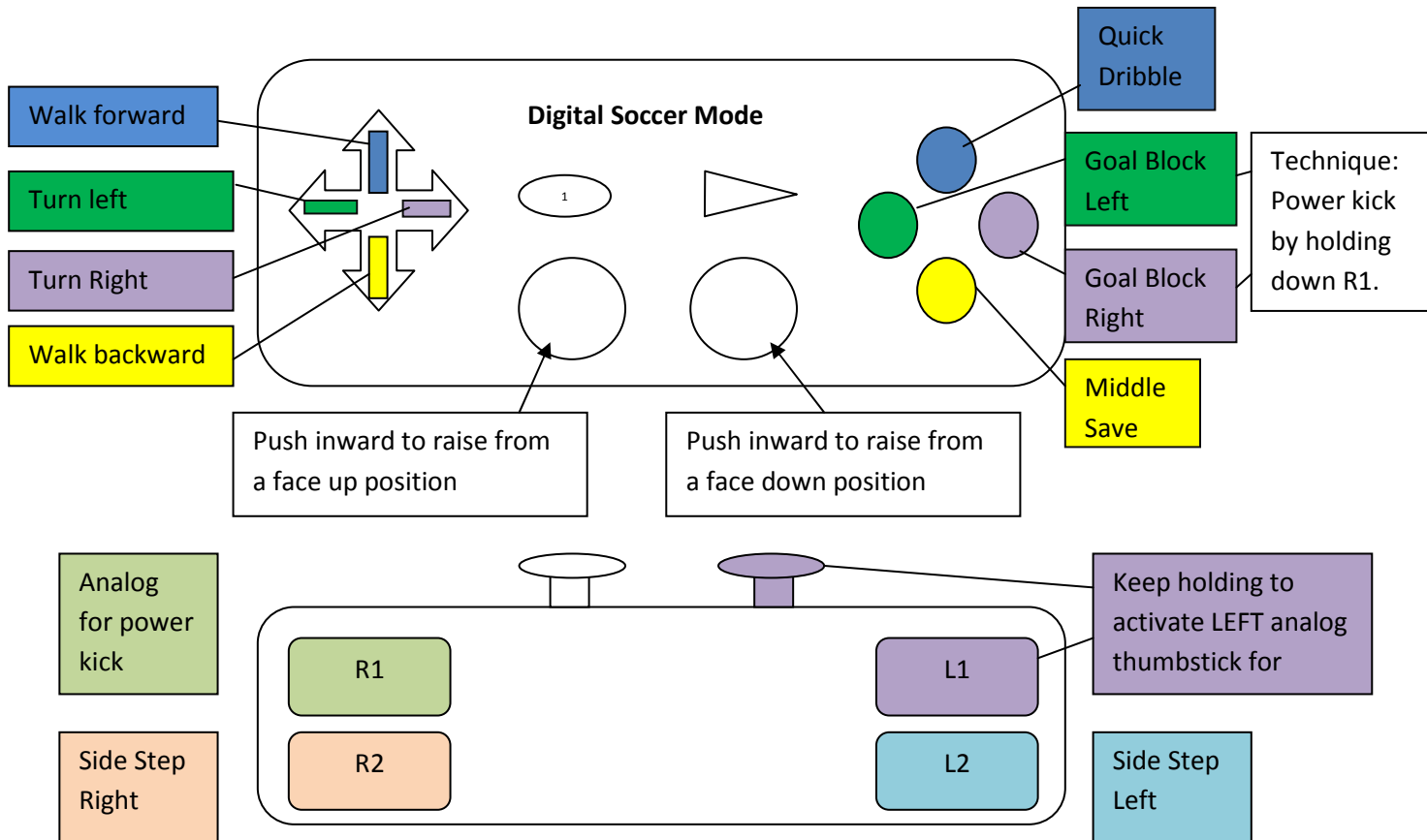
Hold down select and press the button as shown above to analog combat mode.



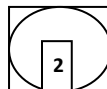
## Analog Soccer Mode



Hold down select and press the button as shown above to analog soccer mode.



## Rotary Switch Position "2"





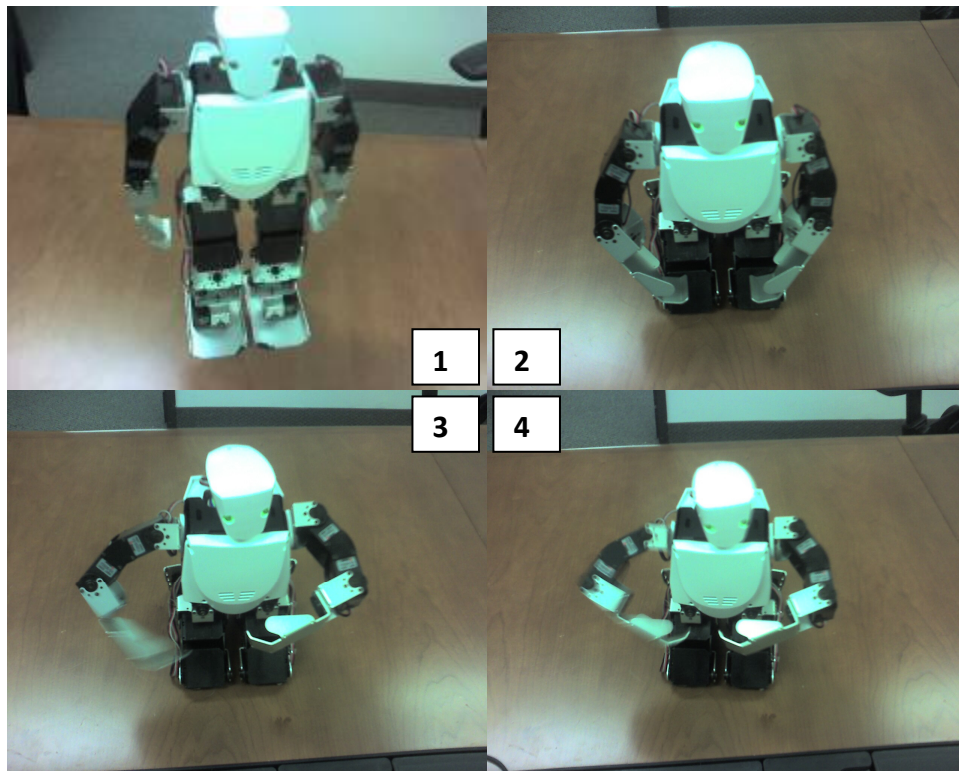
**This is the robot's autonomous routines mode. This can be changed as per the user's preference, however, it comes with a guitar performance preinstalled.**

**Step 1:** Turn robot off

**Step 2:** Place switch into "2" position

**Step 3:** Place robot on flat, open surface

**Step 4:** Turn on robot. He will sit down autonomously, so please do not touch, unless he falls over.



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