Description

- Communicate with and power Lynxmotion Smart Servos
- Several input / communication methods (USB, Arduino, XBee)
- Arduino shield compatible
- Raspberry Pi mounting hole compatibility

The Lynxmotion Smart Servo (LSS) - Adapter Board is an electronic board which allows for easy connection to and control of the Lynxmotion Smart Servos. The board includes a variety of features and functions as a central power distribution board via six LSS connectors.

The LSS Adapter is ideally intended to be powered from a LiPo battery through the onboard male XT60 connector, or with a wall adapter equipped with a female XT60 connector.

The Adapter Board is Arduino shield compatible using stacking headers and offers USB, Arduino or XBee as control method. It provides Raspberry Pi B+ / A+ / 3 mounting hole compatibility as well as an XT60 connector for power input and automatic logic power selection (USB/External).

Features

- Control LSS actuators on the same bus via 6x connectors
- Onboard Bee Socket (XBee, Bluetooth Bee WiFi Bee modules)
- Can function as a USB XBee explorer board
- Arduino shield compatible using stacking headers
- Selectable control method: USB, Arduino or XBee
- Raspberry Pi B+/A+/3 mounting hole compatibility
- XT60 connector for power input
- Automatic logic power selection (USB/External)

Specifications

- Continuous current per connector: 3 A (max)
- Built-in USB to serial (FTDI Virtual COM Port chip)
- Built-in 5 V regulator
- Built-in 3.3 V regulator
- USB Mini connector
- Mounting hole diameter: 3.1 mm

What's Included

- 1 x Lynxmotion LSS Adapter Board
- 1 x Extra long stacking headers

Useful Links

Website

- [Lynxmotion Website - Home](#)

Wiki

- [Lynxmotion Wiki - Home](#)
- [Lynxmotion Wiki - LSS Adapter Board](#)

Dimensions

Size

- 64 x 64 x 15 mm

Multimedia

https://www.youtube.com/watch?v=ir3X1RGKHPk&feature=emb_title