

Puppet Board

Servo Motion Output Controller

General Description

The **PUPPET BOARD** is a small 5 Volt dc powered single servo motion control interface board.

The Puppet board provides up to 4 minutes of programmed recording and playback time for one standard hobby R/C +5 Volt dc servo channel.

The Puppet board incorporates several features such as sequential recording options, daisy chaining of additional puppet boards and loop play with variable inter-loop timing and automatic start-up positioning.

An auto start-up on power option and circuit board connection points for remote activation switching such as a contact switch or mat pressure pad to initiate servo playback motion.

Recording session is built up on a channel process - no complex programming is required.

On-board status LED's for programming and playback.

Programming is easily done, with a set of LED's, push button keys and control potentiometer built onto the board.

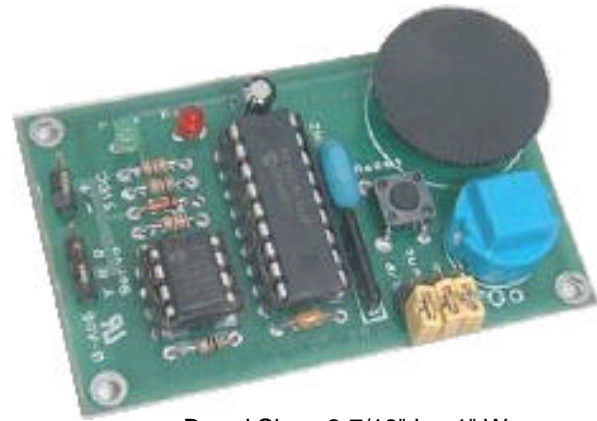
Servo motion are all controlled from a single board.

Full 180 degree servo rotation pulse train.
(for servos that can physically rotate 180 deg).

Connection pins on-board for servos, power hookup.

Puppet Board is pre-assembled and tested.

Power Supply and Servo not included.



Board Size: 2-7/16" L x 1" W
Power Requirements: 5Volt dc@1 Amp.

Features

- 1- Servo output channel, capable of recording and playback of up to 4 minutes of motion.
- On-board potentiometer to adjust servo positions during recording or to determine the time delay between playback loops.
- Full 180 degree rotation pulse train.
(for servos that can physically rotate 180 deg).
- Synchronization pulse for multiple Puppet boards linked together.
- Hand Switch control available for costume head use.
- RECORD / GO button key.
- Record enable / disable jumper, erase protection.
- AUTO-PLAY selection jumper.
- No host computer or other programming device is needed to operate the Puppet board, all controls are built on the Puppet board.

Applications

- Animatronics
- Costumes
- Technology
- Haunted Attractions
- Media Arts
- Other
- Puppets / Dolls
- Ventriloquists

Ordering Information

Catalog Number:
PCA-0010

For more information on this product or to place an order

Blue Point Engineering

www.BPEsolutions.com
Phone (303) 651-3794