

## ServoPAL (#28824): *Servo Pulser and Timer*

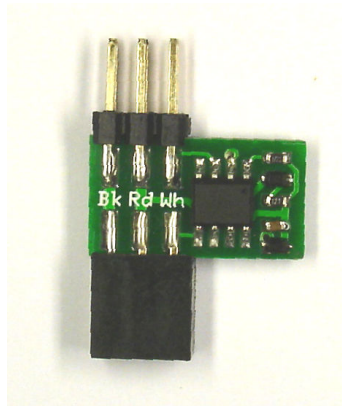
### General Description

The ServoPAL is a tiny module that plugs in between your BASIC Stamp and two servo motors to pulse the motors so your PBASIC program doesn't have to. In addition, it provides an "alarm clock" function to perform timing in the background while PBASIC is busy with other tasks.

### Features

- Plugs in between servo headers and servos: no wiring necessary.
- Simplifies PBASIC programming for both standard and continuous-rotation servos.
- Pulses two servos continuously based on single pulses received from the BASIC Stamp.
- Provides an alarm output, which can be set by a pulse from the BASIC Stamp.
- All interfacing is done by pulsing: no serial protocols to learn.
- Runs from the servo's power (up to 6.5VDC): no additional power source needed.
- Compact size: stackable side-to-side with additional units on 0.1" servo headers.

### What's Included



ServoPAL module

### What You Need to Provide

- BASIC Stamp and carrier board (such as the BOE).
- One or two servo motors.

### Installation

Installation of the ServoPAL is a simple:

1. Unplug the servo connectors from the servo headers.
2. Plug the ServoPAL into the servo headers. (See diagram below.)
3. Plug the servo connectors into the ServoPAL.