

Wizard - III Board

Motion / Switched Digital Output Controller

General Description

The **WIZARD - III BOARD** is a small 9 and 5 Volt dc powered interface board that will record and playback up to **13 minutes** of action for up to 8 standard R/C type servos and 8 - digital outputs, 4.0 Volt dc @ 100 mA .

The Wizard - III board also incorporates features such as looping playback action with variable delay rates between start-up on power up and sensor input.

A terminal connection block for remote switching, pressure pad or synch signal from other device to initiate playback sequences is built on board also.

Recording sessions are built up on a channel by channel process - no complex programming is required. During recording, all previously recorded channels are re-played to aid synchronization the current channel being programmed. Programming is easily done, with a set of LED's, push button keys and control potentiometer built onto the board.

No host computer or other programming device is needed to operate the Wizard- III board. The Wizard - III board operates from a 5 Volt dc and 9 Volt dc regulated wall power supplies.

The Wizard - III board is pre-assembled, tested and comes with user manual, application drawings. Servos and Power supplies not included.

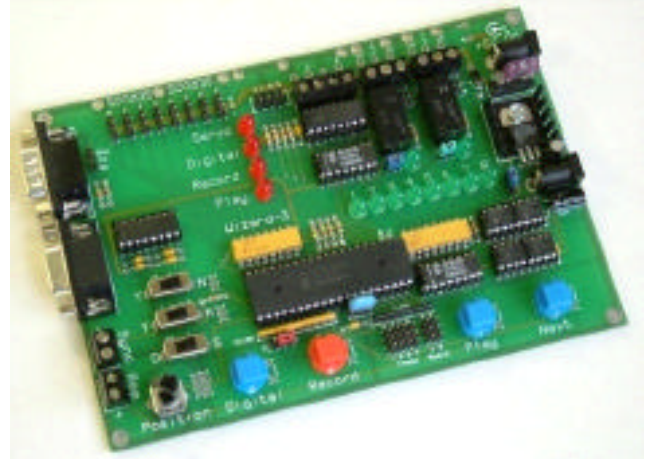
Power Requirements: 9 Volt dc @ 2 Amp. and 5 Volt dc @ 5 Amp regulated supplies.

Applications

- Animatronics
- Robotics
- Technology
- Haunted Attractions
- Media Arts
- Entertainment
- Trade Shows
- Marketing
- Other

Ordering Information

Catalog Number:
WAC-0030



Board Size: 6-5/8" L x 4-1/2" W

Power Requirements: 9 Volt dc @ 2 Amp. Wall power and regulated 5 Volt dc @ 5 Amp power supply.

Features

- 8 Servomotor output channels, each capable of recording and playback of up to 13 minutes of action.
- 8 direct Digital channels with 4 Volt dc at 100 mA outputs, each capable of recording and playback of up to 13 minutes of action.
- 2 selectable onboard relays (2 Amp @ 30 Vdc).
- Relays have insert wire terminal connection blocks.
- 8 direct Digital control signal 0-4 Volts dc -100 mA output connection pads, for hard wiring to board outputs.
- On board Potentiometer to adjust the servo positions during recording or to determine the time delay between play loops during automatic loop play, fully adjustable between 0 and 65 seconds.
- On board NEXT, PLAY and RECORD buttons.
- Record enable / disable jumper to protect programming.
- On board AUTO-PLAY and LOOP-PLAY switches.
- On board Status LED's (Green and Red).
- Battery remote operation or wall power operation.
- Remote terminal block activation switch connection.
- Programming and operation green and red LED's.
- The servo outputs provide standard pulse coded signals of between 1 msec and 2 msec duration repeated every 20 msecs making it suitable for all standard hobby +5 Volt dc R/C type servos.
- EEPROM - containing the programmed data, can easily be removed and copied to other Wizard boards.
- Synchronization signal to activate other Wizard boards.
- Many more unique features.

[For more information on this product or to place an order](#)