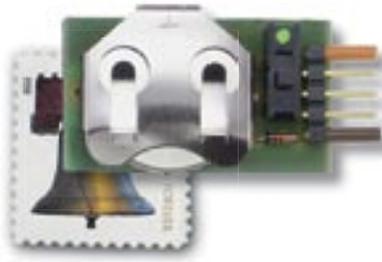


Battery Board

Flight Instrument Power Supply

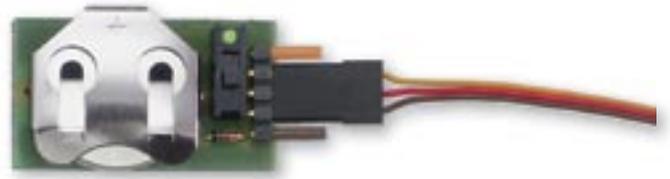
The Battery Board, from Winged Shadow Systems, provides power for the *How High* Altimeter or the *How Fast* Airspeed Instrument. With this board you can use the *How High* and *How Fast* in applications where power is not otherwise available or convenient. Use it in free-flight airplane models or model rockets that do not normally have on-board batteries. Or, use it to create completely self-contained, self-powered instruments with easy portability for radio-controlled models or non-model applications.



The Battery Board features a built-in on-off switch so there is no need to disconnect the connector or remove batteries after a flight.

Connection

Simply plug your *How High* or *How Fast* into the connector on the edge of the board. The connector features side posts that prevent misalignment. The side posts are colored-coded. Align the brown wire on the side with the brown post, and align the orange wire on the side with the orange post (although no damage will occur if the connection is reversed).



Note: The Battery Board outputs 6 Volts and is designed to work only with the *How High* and *How Fast*. Do not plug other items (servos, speed controls, batteries, etc.) into the connector.

Battery Life

The installed batteries will power the *How High* or *How Fast* for 60 to 80 hours. For most modelers, this represents over a year of use -- provided that you turn off the switch after each flight. Instructions for replacing the batteries are on the back of this sheet.

Mounting

Use a patch of Velcro® or double-sided foam mounting tape to secure the Battery Board in any convenient location in your model. For temporary installations, it can be wrapped in foam and wedged into any handy spot in your aircraft. If desired, you can mount the *How High* or *How Fast* circuit board directly on the back of the Battery Board.

Do not allow the exposed battery edges to contact any metal object. Shorting the batteries against any conductor will shorten their life.

Battery Replacement

The Battery Board uses two CR2016 Lithium Coin Cell (non-rechargeable) batteries. They are commonly used in watches and calculators and are available at grocery, drug, and hardware stores. Always replace both batteries at the same time.



1. Use a toothpick, or other non-conductive probe, to push the old batteries out of the holder.
2. Stack the two new batteries with the "+" symbol facing up.
3. Slide the stacked batteries, with the "+" symbol up, into the holder.



WARRANTY

We want you to be happy with your purchase. If you are not satisfied with any product purchased directly from us, return it within 30 days for a full refund of your purchase price. We also provide a one-year replacement warranty on any device that stops working properly - regardless of cause (even crash damage).

Battery Board

Flight Instrument Power Supply

Use only with the ...

- *How High* Altimeter
- *How Fast* Airspeed Instrument

SPECIFICATIONS

- Voltage:** 6.0 V (nominal)
- Capacity:** 75 mAh (minimum)
- Battery Type:** CR2016 (2X)
- Battery Shelf Life:** > 5 years
- Operating Life:** > 60 hours
- Dimensions:** .8 x 1.3 x .4" (21 x 33 x 10mm)
- Weight:** 0.2 oz. (6 grams) with batteries

www.WingedShadow.com

Battery Board

Flight Instrument Power Supply

Designed specifically for the *How High*™ and *How Fast*™ Flight Instruments

- 6 Volt Power Source
- Power Switch
- 60+ Hour Battery Life
- Batteries Included