



## 3 x AAA Battery Holder with On/Off Switch and 2-Pin JST

PRODUCT ID: 727

IN STOCK

1

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100+

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[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



## DESCRIPTION

This battery holder connects 3 AAA batteries together in series for powering all kinds of projects. We spec'd these out because the box is slim, and 3 AAA's add up to about 3.3-4.5V, a very similar range to Lithium Ion/polymer (Li-Ion) batteries and have an on-off switch. That makes them ideal for use with 3.3V projects that have a 2-pin JST connector meant for one of our Li-Ion/Poly batteries. (Of course, you can't recharge them like Li-Ion/Polys, so don't try to plug this into one of our Li-Ion/Poly charger boards!)

Fits any standard AAA battery. When using rechargeable NiMH the output voltage will range from about 3.7V with charged batteries to 2.7V at the end of life with a nominal voltage of 3.6V. When using alkalines, the output will range from 4.6V with new batteries to 3.3V at the end of life with a nominal voltage of about 4.5V

The polarity matches that of our [2-pin JST cable](#) and [Li-Ion/Poly batteries](#). Uses a genuine JST connector so it won't 'catch and tear' in JST connectors.

# TECHNICAL DETAILS

Box Dimensions: 2.5" x 1.45" x 0.62"

Cable: 6" long, terminated with a genuine JST-PH 2 pin connector

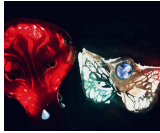


## LEARN



### [Glowing Slime Lunchbox](#)

Make glowy slime for fun projects!



### [Glowing Mirror Mask](#)

Halloween Masquerade  
Magic with NeoPixels



### [Circuit Playground Jack-o'-Lantern](#)

A no-soldering Halloween project



### [Adafruit Trinket-Modded Stuffed Animal](#)

Use Trinket as a platform to make animals come alive - you chose the animal



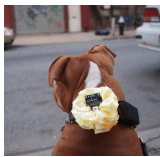
### [UFO Flying Saucer with Circuit Playground Express](#)

Use the accelerometer tilt to control lights and sound on this fun flying saucer made with CircuitPython



### [Laugh Track Jacket](#)

Wear your punchlines



### [GPS Dog Collar](#)

Track how far you've walked your dog!



### [Adabot Operation Game](#)

Your turn to operate! Perform surgery on Adabot, but be careful not to touch the sides or the buzzer will sound!!!



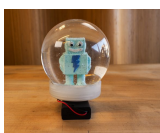
### [How Tall Is It?](#)

Let Circuit Playground help you find out.



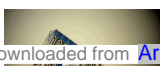
### [NeoPixel Coat Buttons](#)

Make glowy buttons for apparel



### [CircuitPython Snow Globe](#)

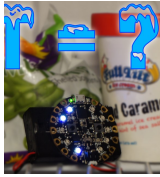
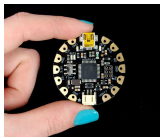
Make a delightful snow globe with music and lights using Circuit Playground Express



### [Audio Prank Gift Box](#)



[Getting Started with FLORA](#)  
Adafruit's Wearables Platform



[How Cold Is It?](#)  
Let Circuit Playground help you find out.



[Bluefruit "BlueFoot" Wireless Foot Switch](#)  
An accelerator pedal for tutorials! Make a DIY page turner & keep your hands free



[Cyber Flower: Digital Valentine](#)  
Create a touch reactive flower that shows your love this Valentines day!



[Textile Potentiometer Hoodie](#)  
All-sewn slide-sensor circuit



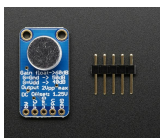
[FLORA TV-B-Gone](#)  
A tiny television neutralizer



[Flora GPS Jacket](#)  
Location-aware outerwear



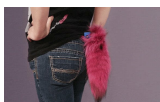
[Sword & Wand Prop Effects with Circuit Playground](#)  
Add motion triggered sound and light effects to any prop with Circuit Playground



[Adafruit AGC Electret Microphone Amplifier - MAX9814](#)  
Add a super-hearing microphone amplifier - our automatic gain is your gain!



[Secret Hollow Book Intrusion Detector](#)  
Build your own safe hidden in plain sight to store valuables -- and rig an intrusion detector with Circuit Playground Express!



[Really Simple Animatronic Tail](#)  
A single servo, a little math... let the wild rumpus start!



### [Wearable Piezo Tones with Flora](#)

Make your clothes play a song



### [Light Paintbrush with Circuit Playground](#)

Create beautiful, expressive light paintings using the Circuit Playground for long exposure photography.



### [NeoPixel Basketball Hoop](#)

Light up your mini or full sized basketball hoop with Gemma and NeoPixels.



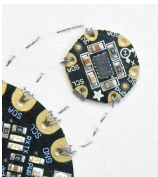
### [AdaBox 007](#)

Explore and use the contents of your AdaBox 007



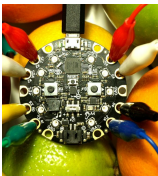
### [LED candles: simple, easy, cheap](#)

LED candles are very popular but can be expensive and unrealistic. Why not make your own?



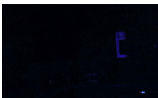
### [Flora Accelerometer](#)

Wearable 3-axis motion + compass



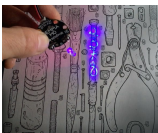
### [Circuit Playground Fruit Drums](#)

Make some block rockin' beats with Circuit Playground.



### [DIY Thermal Light Painting - Heat Map Photography](#)

Make a low-budget, thermal camera for scientific analysis, or just some awesome cosplay.



### [Hidden Ink UV Message Reader](#)

Build an ultraviolet secret message decoder



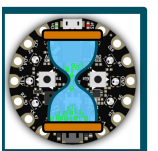
### [Battery Powering Wearable Electronics](#)

Find the perfect power pack



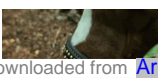
### [Light-Up Angler Fish Embroidery](#)

Deep sea stitching with FLORA



### [Circuit Playground Hourglass](#)

Like sands through the hourglass, so are the 1s and 0s of your Circuit Playground.



### [GPS Logging Dog Harness](#)

Get your dog on



### Annoy-O-Matic Sound Prank Device

Hide this noisemaker and wait for your victims to go bonkers!



### Phone-Activated Talking Dog Collar

"I can smell you!"



### Mystical LED Halloween Hood

Glowing NeoPixel Jewel Eyes



### Pac Man Pixel Suspenders

Blinken-braces!



### Circuit Playground D6 Dice

Roll them bones.



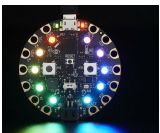
### Let's Put LEDs in Things!

Intro to electronics for cosplayers, no prior experience required



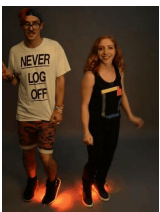
### Gemma M0 Vibration Sensor Motion Alarm

Nobody better touch your stuff when you've got it protected with a vibration switch and Gemma M0



### Introducing Circuit Playground

Your playground for exploring the world of electronics



### Firewalker LED Sneakers

Burn up the dance floor in these red-hot kicks!



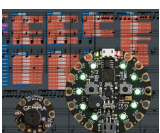
### Circuit Playground Quick Draw

Challenge a friend to see who can 'draw' the quickest.



### Ultrasonic Ruler

3D Printing, LED and sensors equals ray blaster!



### Spy Theme Playback Device

Spy themes are just cool. Code songs in MakeCode or CircuitPython so you can have one at the ready at all

time!





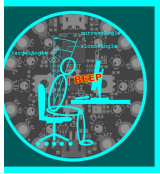
#### [LED Campfire](#)

Because it's not camping without a fire



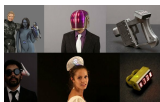
#### [Kaleidoscope Eyes \(Trinket-Powered NeoPixel LED Ring Goggles\)](#)

Fashion headwear for cyberpunks, steampunks and Daft Punks.



#### [Circuit Playground Slouch Detector](#)

Sit up straight, or Circuit Playground will let you know!



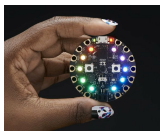
#### [2014 Halloween 3D Printed Projects Roundup](#)

Print your things for your halloween costumes!



#### [BOSEbuild Reactive Sound](#)

Make your BOSEbuild speaker have AMAZING reactive sound!



#### [Circuit Playground Lesson #0](#)

The first step on your electronics journey



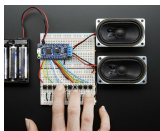
#### [Introducing Gemma](#)

Introducing Adafruit's mini wearable microcontroller



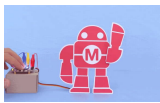
#### [Circuit Playground Beep](#)

One beep for yes, two beeps for no.



#### [Adafruit Audio FX Sound Board](#)

All about our great new audio trigger board



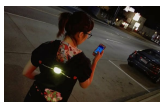
#### [Makey Paper Craft](#)

Make a waving Makey for your Maker Faire booth!



#### [Crickit Collapsible House with MakeCode](#)

Huff and Puff and Blow this House Down!



#### [Glowing LED Team Badge for Pokemon Go](#)

Use Circuit Playground to make your own night-time safety + team spirit wearable!



#### [Superhero Power Plant](#)

Inspired by Iron Man's Arc Reactor!



#### [NeoPix Arcade Kit - 1D Arcade Game System - Circuit Playground](#)

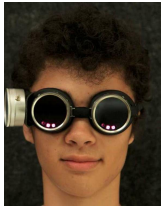
Create 1D arcade games based on the Circuit Playground Board



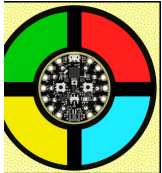
[Unibeam](#)  
Shoot powerful LED lights,  
from your chest!



[Circuit Playground Class Scheduler](#)  
Keep track of tricky  
schedules, Monday through  
Friday!



[STEAM-Punk Goggles](#)  
Great Googly Moogly!



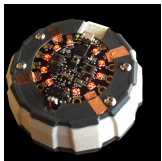
[Circuit Playground Simple Simon](#)  
Test your memory skills with a  
Circuit Playground version of  
the classic game.



[Audio FX Remote Control](#)  
Press a button, make a sound  
OVER THERE.



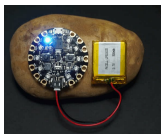
[Blues Playground](#)  
Do you feel like singin' the  
blues but don't have time for  
music lessons? No problem!  
You and your buddies can  
jam the blues on a Circuit  
Playground Express without a  
rehearsal!



[Circuit Playground Password Vault](#)  
Turn your Circuit Playground  
into a USB password vault



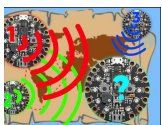
[3D Printed Wireless MIDI Controller Guitar](#)  
Make your own awesome  
wireless MIDI controller guitar  
for rocking out



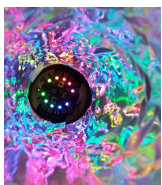
[Circuit Playground Hot Potato](#)  
Pass it fast! Don't be the last!



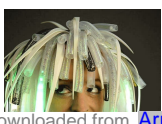
[Bandolier of Light](#)  
Bullets of pure love



[Circuit Playground Express Treasure Hunt](#)  
Where are those hidden  
Circuit Playground Express  
treasures?



[Circuit Playground Kaleidoscope](#)  
Make intricate colored  
patterns using Circuit  
Playground and some  
household items



[NeoPixel Cyber Falls Wig](#)  
This Trinket project is really  
quite hairy!



### Circuit Playground Bike Light

Blinky bikey fun!



### 3D-Printed Bionic Eye

Poke an eye out? Print a replacement!



### Zombie Tag Game with Circuit Playground Express

Play infrared zombie tag with Circuit Playground Express and CircuitPython or MakeCode!



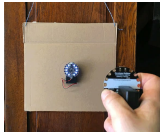
### Dear Diary Alarm

Keep your secrets safe!



### Bluetooth Arcade Stick

Cordless classic fun!



### Circuit Playground Express Laser Tag

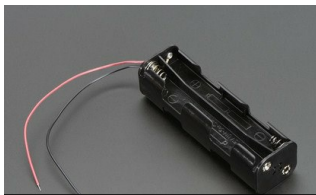
Use infrared IR transmission to blast your targets -- all made with Circuit Playground Express!



### Sound Sample Sweater

The loudest Xmas

## MAY WE ALSO SUGGEST...



8 x AA battery holder



JST PH 2-Pin Cable -



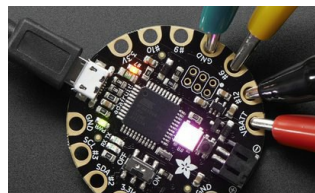
9V battery clip with



9V battery holder with



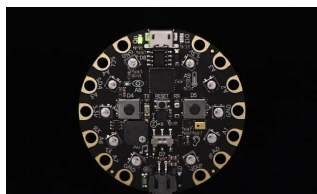
Alkaline AAA batteries - 2



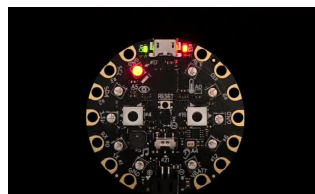
FLORA - Wearable



Code.org Circuit Playground



Circuit Playground Express

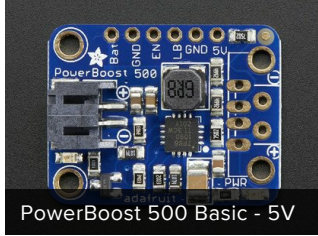


Circuit Playground Classic





Adafruit Audio FX Sound



PowerBoost 500 Basic - 5V



FLORA GPS Starter Pack

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*"Confusion and clutter are the failure of design, not the attributes of information" - [Edward Tufte](#)*

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4.9 ★★★★★  
Google  
Customer Reviews