Actual STEM,
serious fun
CircuitMess
JAY-D

Jay-D

MSRP

119 USD

Build & code your own mini DJ mixtable

With Jay-D, you'll learn how microcomputers and other electronic components are used for sound production and get a bit closer to becoming a DJ superstar.

HOW IT WORKS?

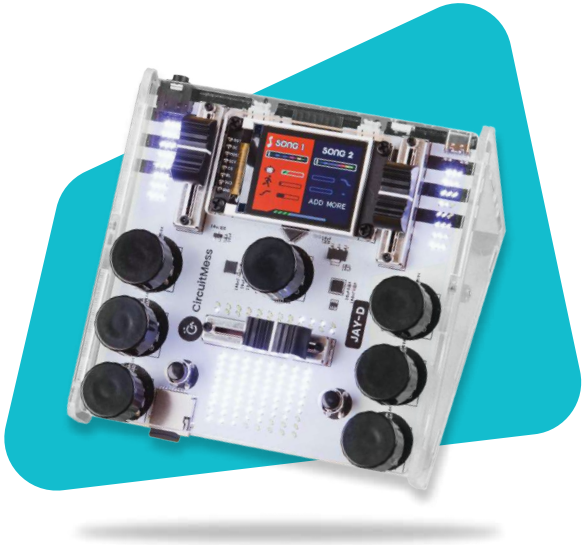
1. **Assemble your very own DJ mixtable**
2. **Play and mix music**
3. **Code new apps and functions**
4. **Become a DJ superstar!**

What educational toys should NOT do:

Lack actual useful educational content

Be a label for cheap regular toys

Enforce gender stereotypes



What educational toys should do:

Teach you actual science

Provide hours of building and infinite enjoyment

Provide real-world application

You'll learn about hardware

Learn how to **solder** and assemble your very own DJ mixtable

Find out what components are needed for **digital sound production**

Learn how a DJ **mixtable** works

Learn about **DAC** and how you can control it for simultaneous playback of multiple sound files

~3 hours build time

Ages 11+

You'll learn about software

Learn what **sound waves** are and how they can be produced with computers

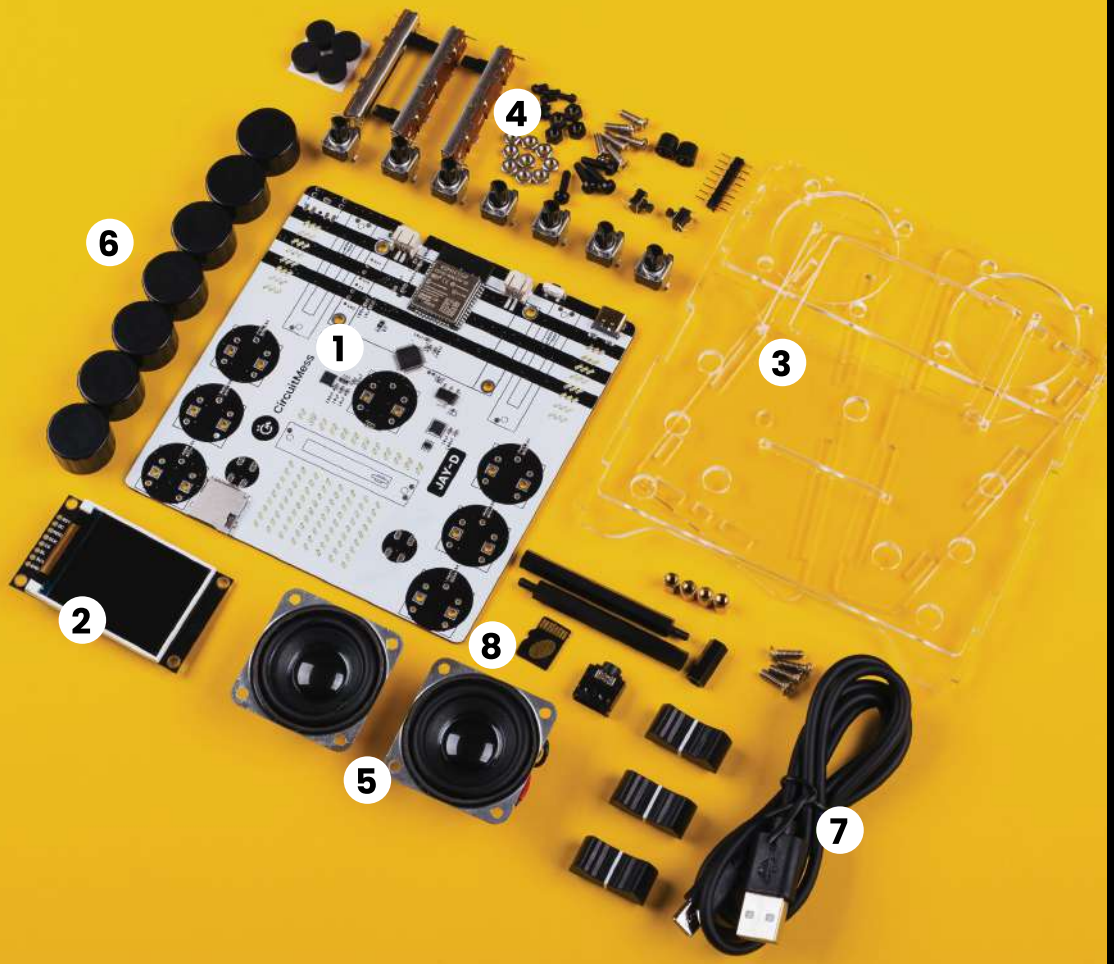
Learn how **digital audio systems** handle the tasks of compression, storage, processing and data transmission

Learn how to code a **custom sound effect** into your Jay-D turntable

Learn how to code **custom light shows** for your Jay-D mixtable

10 hours of learning

Infinite fun



What's inside the box?

1 Main circuit board

2 Display board

3 Acrylic casing

4 A bag of small components

5 Two 5W speakers

6 Custom-made plastic knobs

7 USB-C cable for charging and programming

8 Micro SD card with preloaded beats

Things you can do with Jay-D as soon as you assemble him:

- Play and mix multiple music files simultaneously
- Adjust BPM of your songs and add equalizers
- Load new songs on the included SD card
- Design a custom light show for the onboard LEDs
- Code in new apps and functions
- Start a career in Electronic Dance Music

Getting started with coding has never been easier

You can code Jay-D in CircuitBlocks - our custom-made code editor similar to Scratch that makes it easy for beginners to get into physical computing.

Circuit BLOCKS

Logic blocks

C++ coding

Get instructions from our custom-made curriculum

15+ hours of content

Teacher and student friendly

Structured lessons

3 main topics

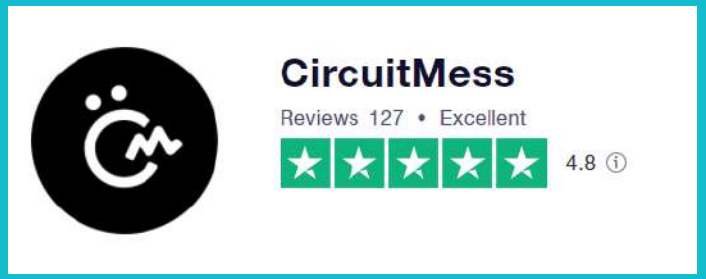
Get to know electronics through hands-on activities. Assemble the kit and create your own apps and games.

Assembly

Electronics

Programming

People all around the world love it!



★★★★★ **Alan Beelizt, USA**

Excellent product with some of the finest instructions I've seen. I am a very experienced engineer but I think this would be an enjoyable build for just about anyone.

★★★★★ **Matt, Germany**

Great products with a fantastic message. Fast delivery. A joy to use and play with for kids and adults as well.

★★★★★ **Francis Ellington, USA**

More was provided than I expected, most especially the customer service, which I utilized to a fair degree, and they were helping 100% of the way!

As seen in media

Mashable

"It is surprisingly cool looking and unmistakably retro."

Forbes

"What sells MAKERbuino is the sense of satisfaction, accomplishment, and ownership that comes with assembling your own game console from scratch."

Tech Crunch

"It's a fun project and maybe you could make it your weird home messaging machine. I don't know. Be creative."

$400k+ raised on Kickstarter

$408,749
raised out of a $15,000 goal

2,001
backers

orders@circuitmess.com

CircuitMess

JAY-D