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Print Your Speakers ND25FA-4 Glow 4c 3D Printed Center Channel Speaker



Specifications:

- Product Name: Glow 4c DIY Speaker Kit
- Version: V1.0
- Website: www.printyourspeakers.com

Product Information:

The Glow 4c DIY Speaker Kit is designed for sound crafters looking to build their custom speakers. It includes a variety of high-quality components that are carefully selected to enhance the audio experience.

Components Included:

- Dayton Audio ND25FA-4 Tweeter
- Dayton Audio TCP115-4 Woofer
- Binding Posts (Dayton BPA-38G suggested)
- Inductors: 0.1mH, 0.15mH, 0.4mH
- Resistors: 5.1 Ohm, 5.6 Ohm, 8 Ohm
- Capacitors: 2.2uF, 4.7uF, 22uF
- Crossover Capacitor
- Gasketing Tape
- CNC Kitchen M4 Threaded Inserts
- M4 10mm Cap Head Screws
- Epoxy Glue
- Cable Ties (small)

Product Usage Instructions

Step 1: Component Assembly

Follow the provided assembly guide to correctly assemble the components into the speaker enclosure.

Step 2: Wiring

Connect the components following the wiring diagram provided with the kit. Ensure all connections are secure and insulated.

Step 3: Enclosure Sealing

Use the gasketing tape to seal any gaps in the speaker enclosure to prevent sound leakage.

Step 4: Mounting

Secure the speakers using the M4 threaded inserts and screws. Ensure the speakers are mounted firmly for optimal performance.

YOUR DIY SPEAKER SHOPPING GUIDE

- Alright, sound crafters! Below is your treasure map to all the parts you'll need for your custom speaker. We've sorted everything by where you can buy them to make your shopping trip a breeze. Remember, picking the right parts will amp up your audio experience!

QTY PER SPEAKER	COMPONENT	PRODUCT CODE	WHERE TO GET IT (EU, US, AU)
1	Dayton Audio ND25FA-4	ND25FA-4	US, EU, AU
2	Dayton Audio TCP115-4	TCP115-4	US, EU, AU
1 pair	Binding Posts (Dayton BPA- 38G suggested)	BPA-38G	US, EU, AU
1	0.1mH Inductor	AC20-10	US, EU, AU
1	0.15mH Inductor	AC20-15	US, EU, AU
1	0.4mH Inductor	AC20-40	US, EU, AU
1	Dayton Audio 5.1 Ohm Resistor	DNR-5.1	US, EU, AU
1	Dayton Audio 5.6 Ohm Resistor	DNR-5.6	US, EU, AU

1	Dayton Audio 8 Ohm Resistor	DNR-8.0	US, EU, AU
1	Dayton Audio 2.2uF Capacitor	DMPC-2.2	US, EU, AU
1	Dayton Audio 4.7uF Capacitor	DMPC-4.7	US, EU, AU
1	22uF Capacitor	22uF 100V Electrolytic Non-Polarized Crossover Capacitor	US, EU, AU
15cm	Gasketing tape		US, EU, AU
24	CNC Kitchen m4 Threaded Inserts	M4x8.1	World Wide
24	M4 10mm Cap Head Screws		Local Hardware Store, Speaker Component Store, Amazon (Search: M4 10mm socket head cap screw)
~5ml	Epoxy Glue		Local Hardware Store, Speaker Component Store, Amazon
15	Cable Ties (small, <5 mm wide)		Local Hardware Store, Speaker Component Store, Amazon
1-2 sticks	Hot Glue		Local Hardware Store, Speaker Component Store, Amazon

20g	Solder		Local Electronics Store, Speaker Component Store, Amazon
100cm	Speaker wire		Local Electronics Store, Speaker Component Store, Amazon
250x500mm	Dacron Sheet		Local Sewing/Craft Store, Amazon, eBay
~1900g	PLA Printer Filament		Any 3D printing store
10g	TPU Printer Filament for feet (alternatively you can purchase rubber feet)		Any 3D printing store

Safety Instructions for ND25FA-4 Glow 4c Center Channel Speaker

Category	Instructions
1. Electrical Safety	Use only the recommended amplifier wattage and impedance (4 ohms) to prevent damage.
2. Ventilation	Keep vents unobstructed to avoid overheating. Do not cover the speaker with fabric or enclosures.
3. Placement	Place on a flat, stable surface. Avoid high shelves or unbalanced stands.
4. Moisture Protection	Keep speaker away from water, rain, and damp environments. Not suitable for outdoor use unless specified.
5. Heat Sources	Do not place near radiators, stoves, or heat-producing electronics.

Category	Instructions
6. Power Connection	If powered externally, ensure the power source is off before connecting or disconnecting.
7. Cleaning	Unplug any connected cables before cleaning. Use a dry cloth—avoid liquids or sprays.
8. Wiring Safety	Use quality speaker wire and secure connections. Avoid exposed or frayed wires.
9. Magnet Warning	Contains strong magnets. Keep away from pacemakers and magnetic storage devices.
10. Children & Pets	Keep out of reach of children and pets to prevent tipping or damage.
11. 3D Printed Parts	Avoid exposing printed parts to extreme heat or prolonged sunlight, may deform.
12. Shock Risk	Do not open or modify internal components—risk of electric shock or damage.
13. Overdriving	Avoid playing at maximum volume for extended periods to prevent distortion or damage.
14. Transport	When moving the speaker, use both hands and avoid dropping.
15. Inspection	Regularly check for damage to wires, terminals, and housing—stop using if damaged.

Link not working? Item out of stock?

No worries! Just shoot us an email at help@printyourspeakers.com, and we'll update the guide and help you find what you need.

www.printyourspeakers.com

FAQs


Q: Can I customize the components in the Glow 4c DIY Speaker Kit?

A: While we recommend using the specified components for the best audio quality, you can experiment with different components to suit your preferences.

Q: How do I know if I have assembled the speakers correctly?

A: Refer to the assembly guide and wiring diagram provided in the kit. You can also perform a sound test to ensure all components are functioning properly.

Documents / Resources

	<p>Print Your Speakers ND25FA-4 Glow 4c 3D Printed Center Channel Speaker [pdf] User Guide</p> <p>ND25FA-4, TCP115-4, BPA-38G, AC20-10, AC20-15, AC20-40, DNR-5.1, DNR-5.6, DNR-8.0, DMPC-2.2, DMPC-4.7, ND25FA-4 Glow 4c 3D Printed Center Channel Speaker, ND25FA-4, Glow 4c 3D Printed Center Channel Speaker, Printed Center Channel Speaker, Center Channel Speaker, Channel Speaker</p>
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References

- [User Manual](#)

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◆ AC20-10, AC20-15, AC20-40, BPA-38G, Center Channel Speaker, Channel Speaker, DMPC-2.2, DMPC-4.7, DNR-5.1, DNR-5.6, DNR-8.0, GLOW 4c 3D Printed Center Channel Speaker, ND25FA-4, ND25FA-4 Glow 4c 3D Printed Center Channel Speaker, Print Your Speakers, Printed Center Channel Speaker, TCP115-4

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