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› **NXONE /**

› NXONE STEM Construction Building Blocks Toy Set (Model FYD1884) Instruction Manual

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Model: FYD1884

Brand: NXONE

1. INTRODUCTION

The NXONE STEM Construction Building Blocks Toy Set is designed to enhance children's science, technology, engineering, and mathematics skills through engaging play. This 195-piece set encourages creativity, imagination, hand-eye coordination, and logical thinking. It includes various colorful blocks, connectors, wheels, and an electric drill to facilitate construction of numerous models.



Image 1.1: Overview of the NXONE STEM Construction Building Blocks Toy Set, showcasing multiple assembled models and the included storage box and electric drill.

2. SAFETY GUIDELINES

This product is certified to be Phthalate, Lead, Cadmium, and BPA free. The building blocks are durable and feature no sharp edges, ensuring a safe play experience. However, please observe the following safety information:

- **Age Recommendation:** Not for children under 3 years due to small parts which may present a choking hazard. Recommended for ages 36 months to 12 years.
- **Supervision:** Adult supervision is recommended during play, especially for younger children, to ensure proper use of tools and components.
- **Battery Safety:** The electric drill requires 2x 1.5V 'AA' batteries (not included). Ensure batteries are inserted correctly and dispose of used batteries responsibly.



CHILD'S SAFETY IS TOP PRIORITY



Image 2.1: Children engaging with the building blocks, highlighting the product's safety certifications and rounded edges.

3. WHAT'S IN THE BOX

The NXONE STEM Construction Building Blocks Toy Set includes 195 pieces, an electric drill, and a portable storage box. The components are designed to facilitate the construction of various models, from animals to vehicles.

3.1. Components List

- 195 x Building Blocks and Connectors (various shapes and colors)
- 1 x Kid-safe Electric Drill
- 1 x Storage Box
- Assorted Wrenches and Hand Tools
- Wheels and Axles
- Decorative Eye Pieces
- Instruction Booklet with Model Examples



WHAT CAN YOU GET?

DETAILED STEPS
OF 23 MODELS,
CREATE YOUR
OWN MODELS



195 PCS

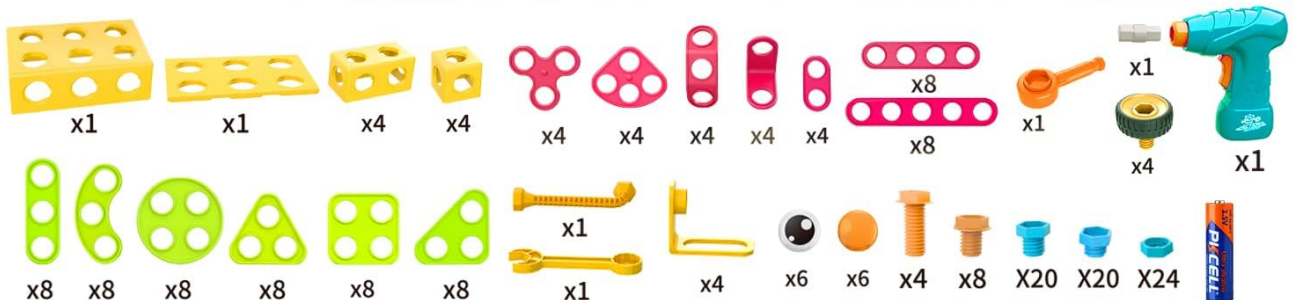


Image 3.1: A visual representation of all 195 pieces, including various blocks, screws, nuts, wheels, tools, and the storage box.

4. SETUP AND ASSEMBLY

4.1. Preparing the Electric Drill

1. Locate the battery compartment on the electric drill.
2. Insert 2x 1.5V 'AA' batteries (not included) according to the polarity markings.
3. Securely close the battery compartment.
4. Attach the appropriate drill bit or screwdriver head to the drill's chuck.

4.2. Connecting Building Blocks

The building blocks are designed to connect using screws and nuts. The electric drill and hand tools assist in this process.

1. Select the desired blocks and connectors for your model.
2. Align the holes of the pieces you wish to connect.
3. Insert a screw through the aligned holes.

4. Place a nut on the other side of the screw.
5. Use the electric drill or a hand wrench to tighten the screw and nut, securing the connection.



Image 4.1: A child demonstrating the use of the electric drill to connect two building blocks.

Video 4.1: Official product video demonstrating the assembly process and various models that can be built with the NXONE STEM toy set.

5. OPERATING INSTRUCTIONS

5.1. Using the Electric Drill

- The electric drill is designed for easy operation. Press the trigger to activate the drilling/screwing motion.
- To tighten a screw, press the trigger while applying gentle pressure.
- To loosen a screw, reverse the drill's direction (if applicable) and press the trigger.
- Ensure the drill bit is properly seated before use.

5.2. Building Models with the Instruction Booklet

The included instruction booklet provides step-by-step guides for constructing various models. Each model includes

a list of required pieces and visual instructions.

1. Choose a model from the instruction booklet.
2. Identify and gather all the necessary pieces as listed for that specific model.
3. Follow the visual steps to assemble the model, using the electric drill and hand tools as needed.
4. Encourage free-form building and creative designs once familiar with the basic connections.



Image 5.1: A collection of diverse models, such as robots, elephants, and cars, constructed using the NXONE building blocks.

6. MAINTENANCE

- **Cleaning:** The building blocks are washable. Use mild soap and water to clean the pieces. Ensure all parts are completely dry before storing.
- **Storage:** Utilize the provided storage box to keep all 195 pieces organized and prevent loss. Proper storage extends the lifespan of the toy set.
- **Battery Replacement:** Replace batteries in the electric drill when its power diminishes. Always use new, identical batteries.



Image 6.1: The NXONE brand logo, representing the manufacturer of the STEM toy set.

7. TROUBLESHOOTING

- **Pieces not fitting:** Ensure you are using the correct size screws and nuts for the selected blocks. Apply gentle, even pressure when tightening.
- **Electric drill not working:** Check if the batteries are inserted correctly and are not depleted. Replace batteries if necessary. Ensure the drill bit is securely attached.
- **Missing pieces:** Carefully check the storage box and surrounding play area. If pieces are genuinely missing upon initial unboxing, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	23 x 16 x 14 inches
Item Weight	2.4 pounds
Item Model Number	FYD1884
Manufacturer Recommended Age	36 months - 12 years
Manufacturer	NXONE
Number of Pieces	195

9. WARRANTY AND SUPPORT

Specific warranty information for the NXONE STEM Construction Building Blocks Toy Set is not provided in the product details. For any product support, inquiries, or to report missing components, please refer to the contact information provided on the product packaging or the retailer's website where the purchase was made.