

[Manuals.plus](#) /

> [SmartGames](#) /

> SmartGames IQ Circuit Game Instruction Manual

SmartGames IQ Circuit

SmartGames IQ Circuit Game Instruction Manual

Model: IQ Circuit

INTRODUCTION

The SmartGames IQ Circuit is a compact logic puzzle designed to challenge problem-solving skills through circuit-building challenges. This manual provides instructions for setting up, playing, and maintaining your IQ Circuit game.

COMPONENTS

The IQ Circuit game includes the following components:

- 1 compact game board with a transparent lid
- 10 double-sided puzzle pieces
- 1 booklet containing 120 challenges and their solutions



Image: The SmartGames IQ Circuit game board, various puzzle pieces, and the challenge booklet are displayed on a white surface.

SETUP

To begin playing the IQ Circuit game:

1. Open the transparent lid of the game board.
2. Remove all 10 puzzle pieces and the challenge booklet from the game board.
3. Select a challenge from the booklet. Each challenge shows a starting configuration of dots on the game board.
4. Place the specified puzzle pieces onto the game board according to the challenge diagram.

We believe in

Game-Based Learning

By playing our games everyone can unlock their POTENTIAL while having a good time!

The graphic features three circular icons connected by a horizontal line. The first icon shows a person and the text 'ages 5 to adult'. The second icon shows a bar chart and the text '60 CHALLENGES EASY TO EXPERT'. The third icon shows a lightbulb.

PROGRESSIVE PLAY **CHALLENGING** **COGNITIVE SKILLS**

Image: A four-panel graphic illustrating the game setup and objective: creating a circuit, selecting a challenge, connecting dots, and using all puzzle pieces.

HOW TO PLAY

The objective of IQ Circuit is to create a continuous electrical circuit by connecting all the dots shown in the challenge using the provided puzzle pieces. All puzzle pieces must be used to complete the circuit.

Understanding the Challenge

- Each challenge displays a grid with yellow dots. These dots represent connection points for your circuit.
- The number of dots indicates how many separate paths you need to create. For example, if there are 4 dots, you must create 2 separate paths, each connecting two dots.

Placing the Pieces

- The puzzle pieces are double-sided, offering different circuit paths on each side.
- Place the remaining puzzle pieces onto the game board to connect the yellow dots.
- Ensure that the yellow lines on the pieces form a continuous path between the dots.

Your browser does not support the video tag.

Video: An animated demonstration of the IQ Circuit game rules, showing how to connect dots to form circuits and highlighting incorrect piece placement.

Completing the Circuit

- A challenge is solved when all yellow dots are connected by continuous paths, and all puzzle pieces are placed on the game board.
- Refer to the solution section in the booklet if you need assistance.

Your browser does not support the video tag.

Video: A close-up demonstration of hands placing IQ Circuit puzzle pieces onto the game board to form a circuit.

Important Rules

- All 10 puzzle pieces must be used in every challenge.
- Unconnected path pieces are not allowed; all yellow lines must form part of a continuous circuit.



Image: A person's hands carefully placing one of the double-sided puzzle pieces onto the game board, aligning the yellow circuit path.

CHALLENGE LEVELS

The IQ Circuit game includes 120 challenges, ranging from easy to expert. This progressive difficulty allows players to gradually develop their logical reasoning and spatial insight skills.

CARE AND MAINTENANCE

- Keep the game pieces and board clean by wiping them with a dry, soft cloth.
- Store all components inside the game board's transparent lid to prevent loss and damage.
- Avoid exposing the game to extreme temperatures or direct sunlight for prolonged periods.

TROUBLESHOOTING

Difficulty Solving a Challenge

- **Review the Rules:** Ensure you are following all rules, especially that all 10 pieces must be used and all dots must be connected.

- **Check Piece Orientation:** Remember that pieces are double-sided and can be rotated. Experiment with different orientations.
- **Consult Solutions:** The challenge booklet includes solutions for all 120 puzzles. Refer to them if you are stuck, and try to understand the logic behind the solution before attempting the next challenge.

SPECIFICATIONS

Package Dimensions	5.67 x 3.9 x 1.18 inches
Item Weight	6.4 ounces
Manufacturer Recommended Age	8 years and up
Number of Challenges	120
Manufacturer	Smart Toys and Games

WARRANTY AND SUPPORT

For information regarding product warranty, replacement parts, or additional support, please visit the official SmartGames website or contact their customer service department. You can find more information at the [SmartGames Store](#).