

FUNPOLA LED-TC01

FUNPOLA 3D Wood Puzzle LED Tower Clock (Model LED-TC01) Instruction Manual

Model: LED-TC01 | Brand: FUNPOLA

INTRODUCTION

Thank you for choosing the FUNPOLA 3D Wood Puzzle LED Tower Clock. This unique DIY architectural model combines the joy of puzzle building with the functionality of a clock and decorative LED lighting. This manual will guide you through the assembly process, operation of the LED lights and clock, and provide important maintenance and troubleshooting information.

SAFETY INFORMATION

- Keep small parts away from young children to prevent choking hazards.
- Handle wooden pieces carefully to avoid splinters or breakage.
- Ensure the LED light strip is installed correctly and not exposed to water.
- Use only recommended batteries for the clock mechanism.

PACKAGE CONTENTS

Before beginning assembly, please verify that all components are present:

- 58 pre-cut wooden puzzle pieces
- Clock mechanism (requires 1x AA battery, not included)
- LED light strip with USB cable
- Remote controller for LED lights
- Detailed instruction manual



Image: All components included in the FUNPOLA 3D Wood Puzzle LED Tower Clock kit.

ASSEMBLY INSTRUCTIONS

Follow these step-by-step instructions carefully. No glue or additional tools are required for assembly, as pieces are precisely laser-cut for a snug fit. Ensure all protective film is removed from pieces before assembly.

Step 1: Prepare the Pieces

Carefully detach all 58 wooden pieces from their sheets. Identify each piece by referring to the included diagram in the instruction manual. Remove any protective film from the surfaces of the pieces.



Image: Detaching wooden pieces from the sheets.

Step 2: Construct the Base and Frame

Begin by assembling the base and the main structural frame of the tower clock. Pay close attention to the interlocking tabs and slots to ensure a secure fit. Refer to the detailed diagrams in your manual for correct orientation.



Image: Assembling the clock face and mechanism.

Step 3: Attach Decorative Elements and LED Strip

Continue by attaching the intricate decorative elements to the frame. Once the main structure is complete, carefully place the LED light strip within the interior of the tower, ensuring it adheres securely and illuminates the internal design. Connect the USB cable for power.



Image: Assembled clock with LED lights and remote control.

Assembly Video Guide

For a visual guide to the assembly process, please watch the official product video:

Your browser does not support the video tag.

Video: Official FUNPOLA 3D Wooden Puzzle Tower Clock Model DIY Architecture assembly guide.

OPERATING INSTRUCTIONS

Setting the Clock

To set the time, locate the small dial or knob on the back of the clock mechanism. Gently turn this dial to adjust the hour and minute hands to the correct time. Avoid forcing the hands directly.

Controlling the LED Lights

The LED lights are controlled using the provided remote. Ensure the USB cable is connected to a power source (e.g., USB adapter, power bank). Point the remote at the LED receiver to:

- **Turn On/Off:** Press the power button.
- **Change Colors:** Select from the 16 color options on the remote.
- **Adjust Brightness:** Use the brightness up/down buttons.
- **Select Lighting Modes:** Choose from various dynamic lighting effects (e.g., flash, strobe, fade, smooth).



Image: The assembled clock with LED lights in operation.

MAINTENANCE

- **Cleaning:** Dust the wooden surface gently with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Battery Replacement:** When the clock stops or runs slowly, replace the AA battery in the clock mechanism.
- **Storage:** If storing the puzzle for an extended period, remove the battery from the clock mechanism.
- **Environment:** Keep the product in a dry environment, away from direct sunlight and extreme temperatures, to

prevent wood warping or damage to electronic components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock not working or running slowly.	Dead or low battery.	Replace the AA battery in the clock mechanism.
LED lights not turning on.	USB cable not connected, power source issue, or remote battery dead.	Ensure USB cable is securely connected to a working power source. Check remote battery.
LED colors appear incorrect or have a green tint.	Potential LED strip issue or color calibration.	Try cycling through different colors with the remote. If the issue persists, contact customer support.
Puzzle pieces do not fit together easily.	Protective film not removed, incorrect orientation, or minor manufacturing variance.	Ensure all protective film is removed. Double-check the manual for correct piece orientation. Apply gentle pressure; do not force pieces.

SPECIFICATIONS

- Brand:** FUNPOLA
- Model Number:** WTC-01 (LED-TC01)
- Material:** Wood (3-ply plywood)
- Product Dimensions:** 9.06"W x 15.91"H
- Item Weight:** 0.89 Kilograms
- Display Type:** Digital (Clock)
- Power Source (Clock):** Battery Powered (AA battery, not included)
- Power Source (LED):** USB (LED light strip with USB cable included)
- Special Feature:** Portable, 16-Color LED Light with Remote Controller
- Indoor/Outdoor Usage:** Indoor
- Number of Items:** 1 (kit)
- Unit Count:** 58.0 Count (wooden pieces)

WARRANTY AND SUPPORT

This FUNPOLA product comes with a **90-day warranty** against manufacturer defects. If you encounter any issues or require assistance, please contact the retailer or the FUNPOLA customer support team through their official channels. Please retain your proof of purchase for warranty claims.

For more information, visit the [FUNPOLA Store](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question