

[Manuals.plus](#) /

› [Tangkula](#) /

› Tangkula 10FT Outdoor Patio Umbrella with Solar LED Lights (Model AM0797HM) - Instruction Manual

Tangkula AM0797HM

Tangkula 10FT Outdoor Patio Umbrella with Solar LED Lights

Model: AM0797HM

1. PRODUCT OVERVIEW

The Tangkula 10FT Outdoor Patio Umbrella is designed to provide shade and ambient lighting for your outdoor spaces. It features a durable polyester canopy, a robust steel frame, and integrated solar-powered LED lights. The umbrella is equipped with a hand-crank lifting system for easy opening and closing, and a tilt adjustment mechanism for optimal sun protection. A cross base is included for stability.

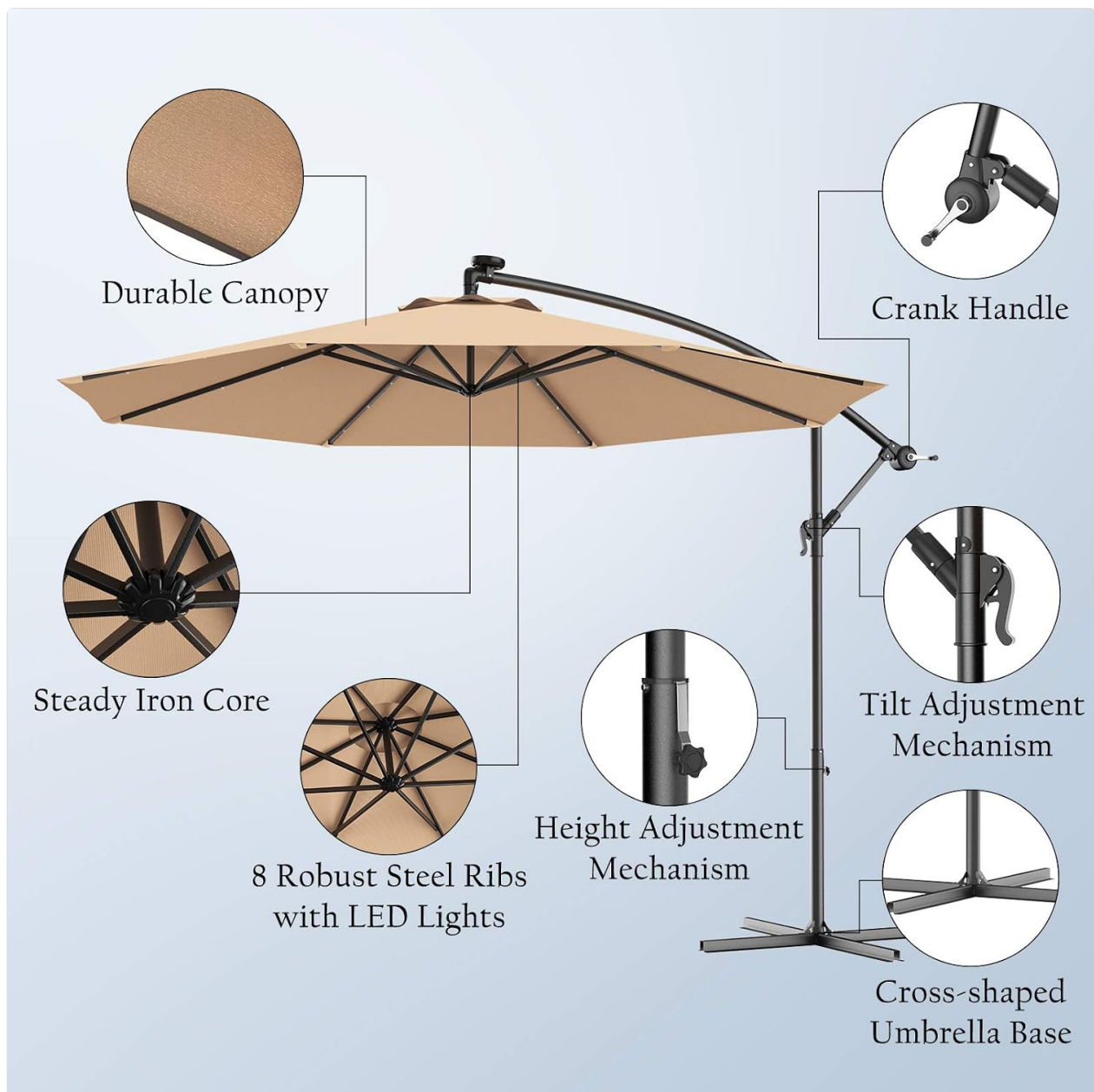


Figure 1: Key features of the Tangkula 10FT Outdoor Patio Umbrella.

2. SAFETY INFORMATION

- Always close the umbrella during strong winds, heavy rain, or other severe weather conditions to prevent damage or injury.
- Ensure the umbrella base is properly secured and weighted. The included cross base requires additional weight (e.g., sandbags or patio blocks, not included) for optimal stability.
- Keep children and pets away from the umbrella during operation to avoid accidents.
- Do not hang objects from the umbrella ribs or pole.
- Avoid placing the umbrella near open flames or heat sources.

//

Cross-shaped Umbrella Base

Use umbrella weights to further keep
the stability of your umbrella.

(UMBRELLA WEIGHTS NOT INCLUDED)

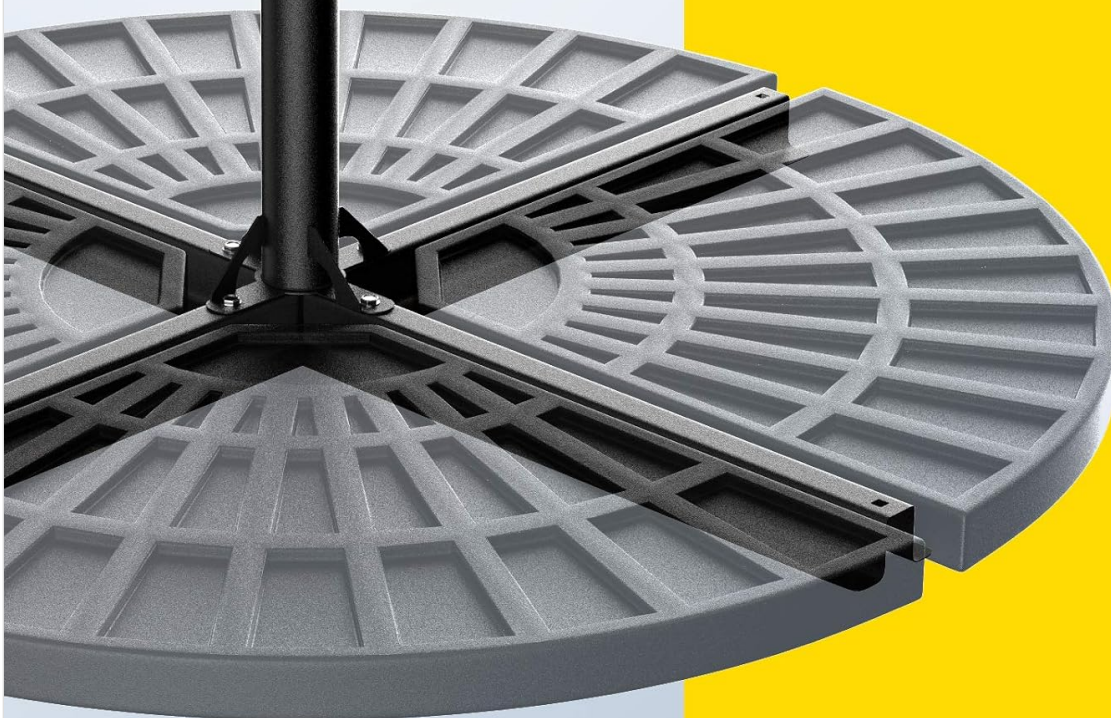


Figure 2: The cross-shaped umbrella base requires additional weights for stability.

3. PACKAGE CONTENTS

Verify that all components are present before assembly:

- Umbrella Canopy with integrated LED lights
- Main Pole with crank handle and tilt mechanism
- Cross Base
- Solar Panel (attached to the umbrella)
- User Guide (this document)

4. ASSEMBLY AND SETUP

Assembly of the Tangkula patio umbrella is designed to be straightforward. Follow these steps:

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, flat surface.

2. **Assemble Cross Base:** Connect the sections of the cross base if they are not pre-assembled. Ensure all connections are secure.
3. **Attach Main Pole:** Insert the main pole into the center of the assembled cross base. Secure it using any provided bolts or tightening knobs.
4. **Secure Base Weights:** Place appropriate base weights (not included) onto the cross base to ensure stability. This is crucial for preventing the umbrella from tipping over.
5. **Open Umbrella:** Use the hand-crank mechanism to slowly open the umbrella canopy. Ensure the ribs extend fully without obstruction.

Video 1: This video demonstrates the assembly and initial setup of the Tangkula 10FT Patio Umbrella, including how to open and close it.

5. OPERATING INSTRUCTIONS

5.1 Opening and Closing the Umbrella

To open the umbrella, turn the hand-crank handle clockwise until the canopy is fully extended. To close, turn the handle counter-clockwise until the canopy is completely folded.



Figure 3: Use the crank handle to open and close the umbrella.

5.2 Adjusting Tilt and Height

The umbrella features both tilt and height adjustment mechanisms:

- **Tilt Adjustment:** Loosen the handle on the tilt mechanism to adjust the canopy angle. Once the desired angle is achieved, tighten the handle to secure it.
- **Height Adjustment:** Loosen the knob on the main pole to adjust the umbrella's height. Raise or lower the pole to your preferred height, then tighten the knob to lock it in place.

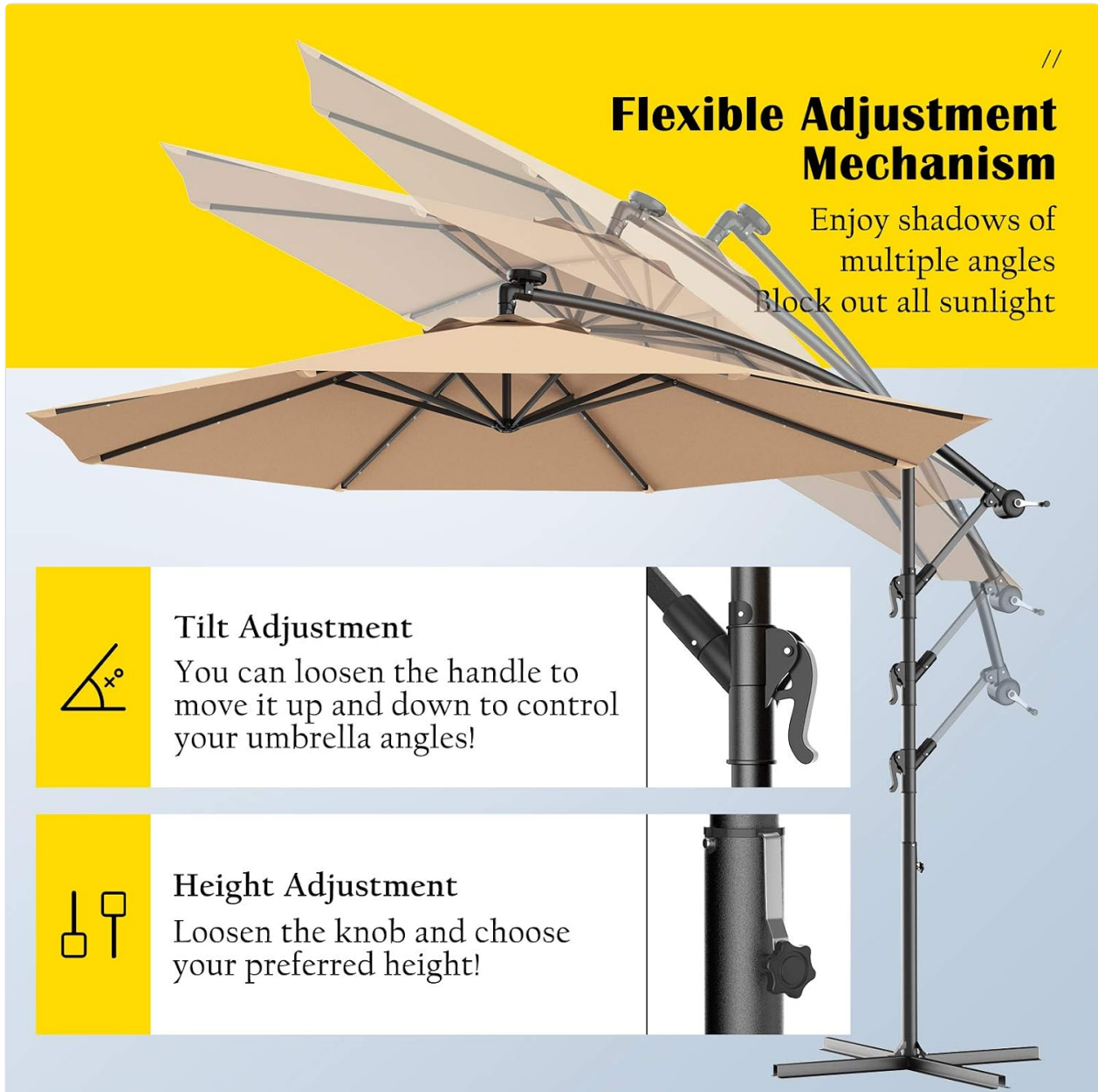


Figure 4: Flexible adjustment mechanisms for tilt and height.

5.3 Solar LED Lights

The umbrella is equipped with 24 solar-powered LED lights. The solar panel, located on top of the umbrella, charges during the day. To activate the lights at night, locate the power switch on the umbrella pole or solar panel and turn it ON. Ensure the solar panel is exposed to direct sunlight for optimal charging.



Figure 5: Solar LED lights provide illumination for evening use.

6. MAINTENANCE

Proper maintenance will extend the life of your patio umbrella:

- **Cleaning:** To clean the umbrella canopy, use water and a mild detergent. Gently scrub with a soft brush or cloth. Rinse thoroughly and allow to air dry completely before closing or storing.
- **Avoid Harsh Chemicals:** Do not use bleach, abrasive cleaners, or harsh chemicals, as these can damage the fabric and frame.
- **Storage:** When not in use for extended periods, or during off-season, close the umbrella and store it in a dry, protected area. An umbrella cover (not included) is recommended to protect against dust, dirt, and weather elements.
- **Frame Inspection:** Periodically check all bolts, screws, and connections to ensure they are tight and secure.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Umbrella is unstable or tips over.	Insufficient base weight; loose connections.	Add more weight to the cross base (e.g., sandbags, patio blocks). Ensure all pole and base connections are tightened. Close umbrella in windy conditions.
LED lights are not working.	Solar panel not charged; switch is OFF; faulty connection.	Ensure the solar panel receives direct sunlight for several hours. Check that the ON/OFF switch is in the 'ON' position. Inspect wiring for any loose connections.
Crank handle is difficult to turn.	Mechanism needs lubrication; obstruction.	Apply a silicone-based lubricant to the crank mechanism. Check for any fabric or debris obstructing the umbrella's movement.

8. SPECIFICATIONS

- **Model Number:** AM0797HM
- **Brand:** Tangkula
- **Canopy Diameter:** 10 Feet (120 inches)
- **Overall Height (Open):** Approximately 12 Feet (144 inches)
- **Canopy Material:** Polyester
- **Frame Material:** Steel
- **Color:** Beige
- **Special Features:** Solar LED Lights, UV Resistance, Waterproof, Dual Wind Vent, Crank Lift, Tilt Adjustment
- **Included Components:** Umbrella with Solar LED Lights, Cross Base

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer's return policy or contact Tangkula customer service directly. Keep your purchase receipt for any warranty claims.