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Tangkula AM0797HM

Tangkula 10FT Outdoor Patio Umbrella with Solar LED Lights - Instruction Manual

Model: AM0797HM

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1. SETUP INSTRUCTIONS

Follow these steps to correctly assemble your Tangkula 10FT Outdoor Patio Umbrella.

1.1 Unpacking and Component Identification

Carefully remove all components from the packaging. Ensure all parts are present before beginning assembly. Refer to the diagram below for component identification.

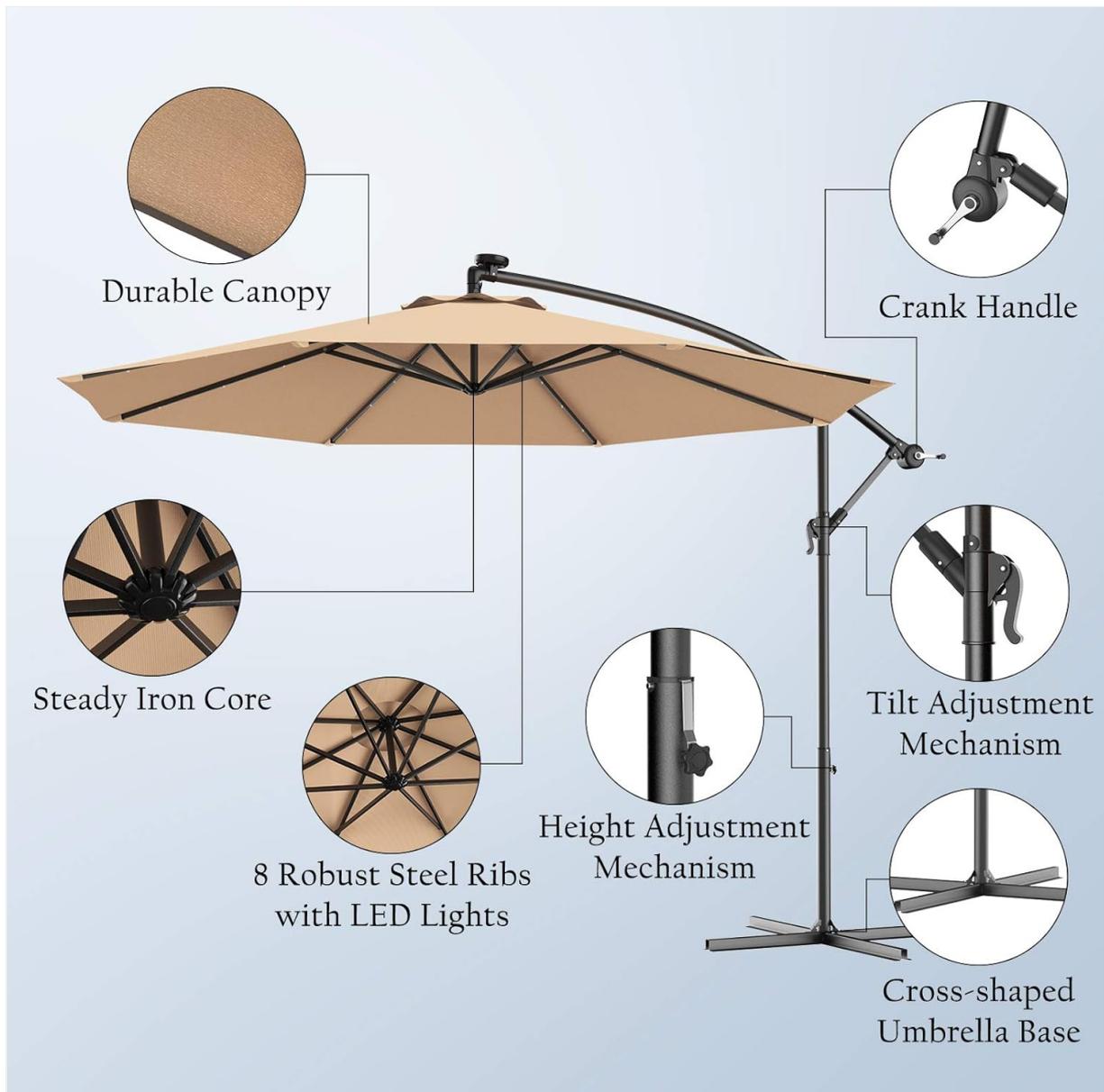


Figure 1: Exploded view of umbrella components.

1.2 Base Assembly

1. Connect the two main base bars to form a cross shape.
2. Secure the central pole support to the assembled cross base using the provided bolts and wrench.

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Flexible Adjustment Mechanism

Enjoy shadows of multiple angles
Block out all sunlight



Tilt Adjustment

You can loosen the handle to move it up and down to control your umbrella angles!



Height Adjustment

Loosen the knob and choose your preferred height!



Figure 2: Cross base assembly.

Note: The cross base provides initial stability. For enhanced stability, especially in windy conditions, it is recommended to use additional umbrella weights (not included). Refer to compatible base weights such as B08519Z2FW.

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Cross-shaped Umbrella Base

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

(UMBRELLA WEIGHTS NOT INCLUDED)

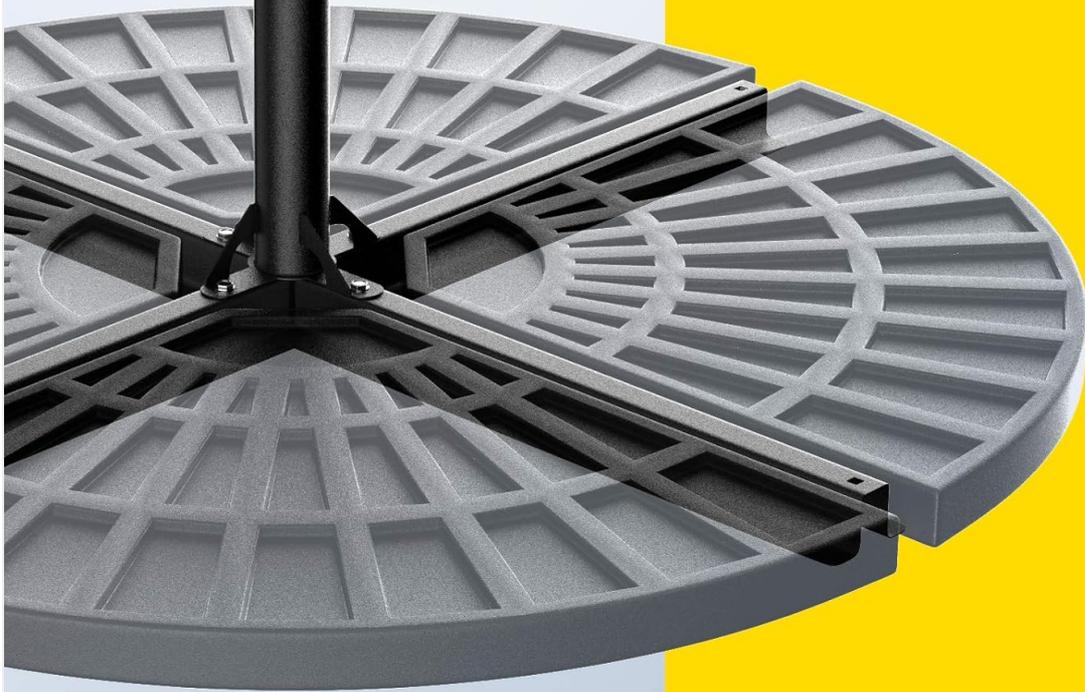


Figure 3: Cross base with recommended weights (not included).

1.3 Solar Panel Connection

1. Locate the solar panel on top of the umbrella canopy.
2. Carefully remove the protective plastic film from the solar panel.
3. Connect the solar panel's wire to the corresponding connector located within the umbrella pole. Ensure a secure connection.

Your browser does not support the video tag.

Video 1: Installation guide for the Tangkula 10FT Patio Solar LED Lighted Offset Umbrella. This video demonstrates the assembly of the base, connecting the solar panel, and setting up the umbrella.

1.4 Attaching the Umbrella Canopy

1. Carefully lift the folded umbrella canopy and insert its main pole into the base support.
2. Secure the umbrella pole to the base using the provided knob.

2. OPERATING INSTRUCTIONS

This section details how to operate your patio umbrella for optimal use.

2.1 Opening and Closing the Umbrella

The umbrella features a crank handle system for easy opening and closing.

1. To open: Rotate the crank handle clockwise until the canopy is fully extended.
2. To close: Rotate the crank handle counter-clockwise until the canopy is fully retracted.



Figure 4: Operating the crank handle.

2.2 Adjusting Tilt and Height

The umbrella offers flexible adjustment mechanisms for tilt and height to provide optimal shade.

- **Tilt Adjustment:** Loosen the tilt adjustment handle, position the canopy to your desired angle, and then tighten the handle to secure it.
- **Height Adjustment:** Loosen the height adjustment knob on the main pole, slide the umbrella to your preferred height, and then tighten the knob to secure it.

Flexible Adjustment Mechanism

Enjoy shadows of multiple angles
Block out all sunlight



Tilt Adjustment

You can loosen the handle to move it up and down to control your umbrella angles!

Height Adjustment

Loosen the knob and choose your preferred height!

Figure 5: Tilt and height adjustment mechanisms.

2.3 Solar LED Lights

The umbrella is equipped with 24 solar-powered LED lights for nighttime illumination. The solar panel charges during the day.

- To activate the lights: Locate the on/off switch on one of the umbrella ribs (typically near the main pole) and flip it to the "ON" position.
- To deactivate the lights: Flip the switch to the "OFF" position.



Figure 6: Solar LED lights operation (Day/Night).



Figure 7: Umbrella with LED lights illuminated at night.

3. MAINTENANCE

Proper maintenance ensures the longevity and performance of your patio umbrella.

3.1 Cleaning the Canopy

- To clean the umbrella canopy, use a soft cloth with water and a mild detergent.
- Avoid using harsh chemicals, abrasive cleaners, or stiff brushes, as these can damage the fabric and its waterproof coating.
- Rinse thoroughly with clean water and allow the canopy to air dry completely before closing or storing.

3.2 Storage

- When not in use for extended periods, or during inclement weather (strong winds, heavy rain, snow), close the umbrella and secure it.
- For long-term storage, store the umbrella in a dry place to prevent damage from moisture, mold, or mildew.
- Consider using a protective cover (not included) to shield the umbrella from dust, dirt, and UV exposure when stored outdoors.

3.3 General Care

- Regularly inspect all bolts and connections to ensure they remain tight. Tighten as necessary.
- Ensure the solar panel is clean and free of debris to maintain charging efficiency.
- Do not hang heavy items from the umbrella ribs or pole.

4. TROUBLESHOOTING

This section addresses common issues you might encounter with your patio umbrella.

4.1 Solar LED Lights Not Working

- **Check the switch:** Ensure the on/off switch for the lights is in the "ON" position.
- **Solar panel exposure:** Verify that the solar panel receives direct sunlight for several hours during the day to charge the battery. Obstructions or cloudy weather can reduce charging efficiency.
- **Plastic film:** Confirm that the protective plastic film has been removed from the solar panel.
- **Connections:** Check that the solar panel's wire is securely connected to the internal wiring.
- **Battery life:** If the umbrella is new, allow a full day of charging before first use. Over time, rechargeable batteries may degrade and require replacement.

4.2 Umbrella Instability

- **Base weights:** The cross base requires additional weights for proper stability. Ensure appropriate base weights (e.g., sandbags, concrete blocks, or specialized umbrella base weights) are placed on the cross base.
- **Tighten connections:** Verify that all bolts and knobs securing the umbrella pole to the base and the tilt mechanism are tightened.
- **Wind conditions:** Close the umbrella during strong winds to prevent damage or tipping.

4.3 Difficulty Opening/Closing

- **Crank mechanism:** Ensure the crank mechanism is free of obstructions. Apply a silicone-based lubricant if the mechanism feels stiff.
- **Fabric obstruction:** Check if the canopy fabric is snagged or caught in the ribs or mechanism.

5. SPECIFICATIONS

Feature	Detail
Brand	Tangkula
Model Number	AM0797HM
Color	Beige
Canopy Diameter	10 Feet
Canopy Material	Polyester
Frame Material	Steel (Alloy Steel)
Shaft Material	Steel

Special Features	Waterproof, Solar LED Lights
LED Lights	24 built-in solar-powered LED lights
Opening Mechanism	Crank Lift
Included Components	Umbrella, Cross Base
Recommended Uses	Patio, Rain, Sun Shade

6. WARRANTY & SUPPORT

For warranty information or product support, please contact Tangkula customer service. Keep your purchase receipt for warranty claims.

You can often find support contact details on the manufacturer's website or through the retailer where the product was purchased.