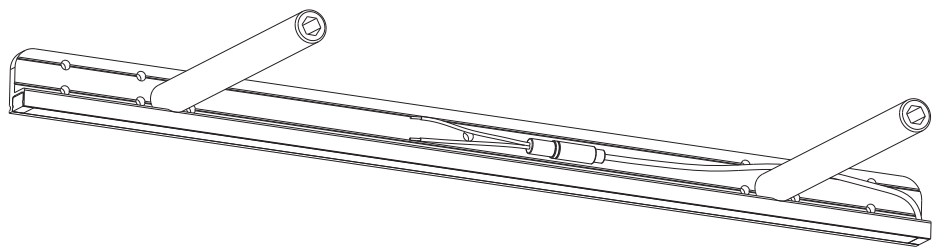


LED Floating Shelf Bracket

User Manual



CRAFTERSMARK®

⚠ IMPORTANT SAFETY INSTRUCTIONS

- **12V DC ONLY:** Never connect this product directly to high-voltage AC power (110V/120V). You must use a **12V DC Constant Voltage LED Driver**.
- **CERTIFICATION:** To prevent fire or electric shock, ensure your external power supply (Driver/Adapter) is **NRTL** certified (e.g., UL, ETL) and rated for use in your region.
- **WATTAGE CHECK:** The rated wattage of your power supply must be greater than the total wattage of all connected shelves combined. (See "Power Selection" for details).
- **INSTALLATION:** We strongly recommend having this product installed by a certified electrician, especially if wiring inside walls. The manufacturer assumes no liability for improper installation or electrical work.

Power Selection(NOTE: LED Driver / Power Adapter is NOT included. You must purchase one separately based on your setup.)

Option 1: Hardwired Driver

- **Single Shelf:** Choose a 12V DC driver that matches the wattage rating in the chart below.
- **Multiple Shelves:** If connecting multiple shelves to one driver, the driver's wattage must handle the **TOTAL** power of all shelves.

Calculation Example (How to choose a driver):

If you are installing two 40-inch shelves:

1.Check chart: One 40" shelf = 10 Watts

2.Total Power: 10W + 10W = 20 Watts.

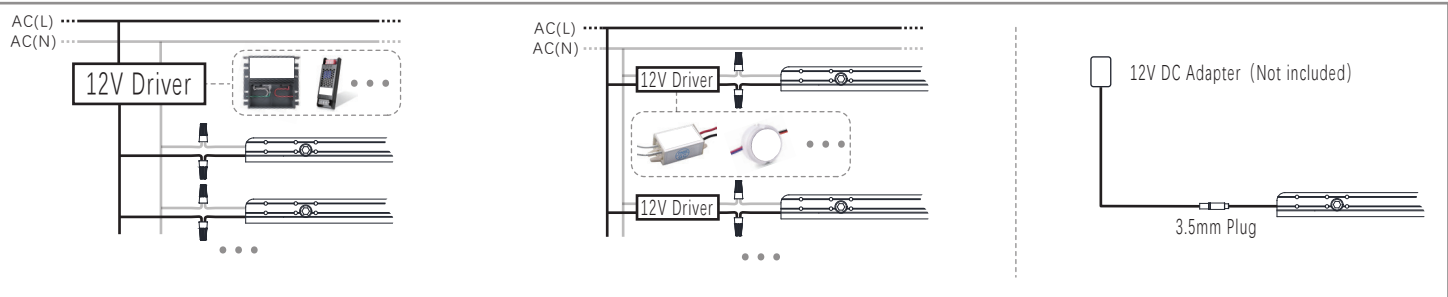
3.Result: You need a 12V DC Driver rated for **at least 20W** (we recommend **24W** or higher).

Specifications Chart				
Shelf Length	Voltage	Rated Power	Color Temp	Lumens
18 inch	DC 12V	4.5 W	2700K	360LM
22 inch	DC 12V	5.5 W	2700K	440LM
28 inch	DC 12V	7.0 W	2700K	560LM
34 inch	DC 12V	8.5 W	2700K	680LM
40 inch	DC 12V	10.0 W	2700K	800LM
46 inch	DC 12V	11.5 W	2700K	920LM

Option 2: External Power Adapter (Plug-in)

Select a 12V DC Adapter appropriate for the shelf's wattage. Use one adapter per shelf. Connect using the standard DC 3.5mm plug.

Wiring Diagram



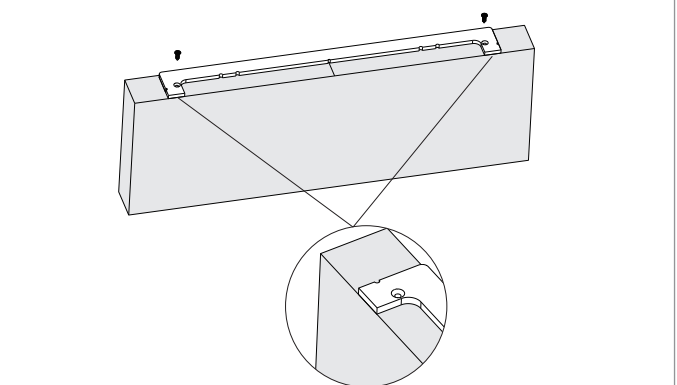
Packing list

LED Shelf Bracket	
Remote Control	
Routing Jig	
Auger Bit	
Router Bit	
Drilling Jig	
Long Screws	
Short Screws	
Installation Guide	

Prepare Your Shelf (Drilling & Routing)

1. Attach the Routing Jig

Align the Routing Jig with the back edge of your wood shelf. Center it perfectly. Secure it using the provided short screws (KA4.0*30mm).



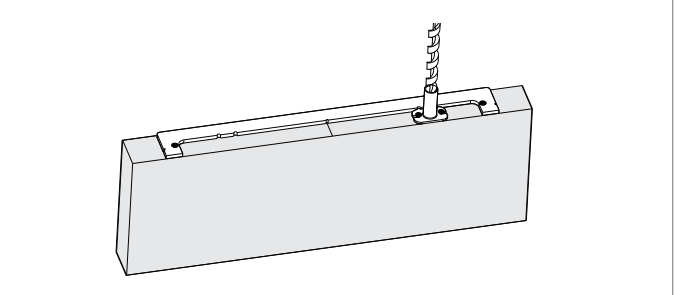
Tools You'll Need



3. Drill the Rod Holes

Using a power drill and the provided Auger Bit (16x300mm), drill holes into the wood for the bracket rods. Repeat Steps 1-3 for all rod holes before proceeding.

Bracket Rod	4 inch	6 inch	8 inch
Hole	5 inch	7 inch	9 inch



Tools You'll Need

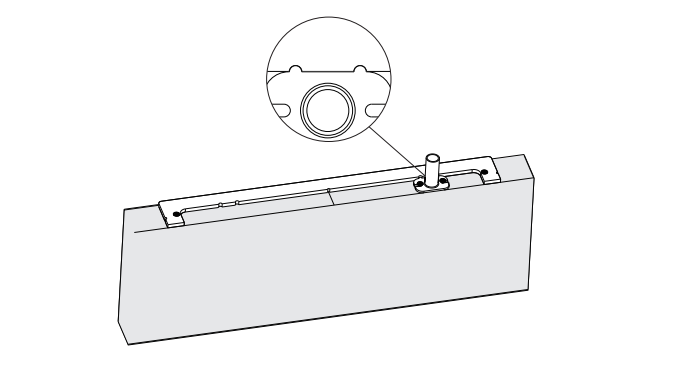


Required Tools (Not Included)

Drill	
Level	
Stud Finder	
Router	
Pencil	
Measuring Tape	
Cross Screwdriver	

2. Attach the Drilling Jig

Insert the Drilling Jig into the slot of the Routing Jig. Align the notch/tab to lock it in place. Secure with short screws (KA4.0*30mm).

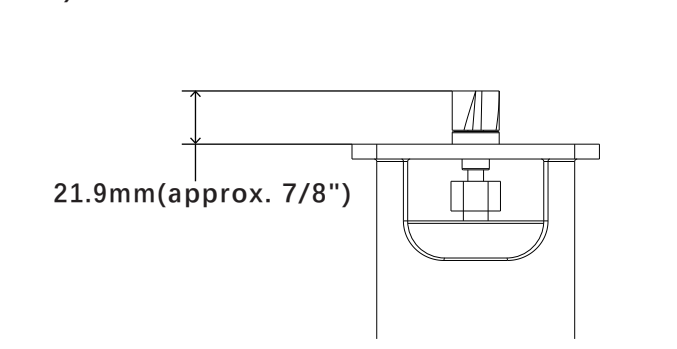


Tools You'll Need



4. Install Router Bit

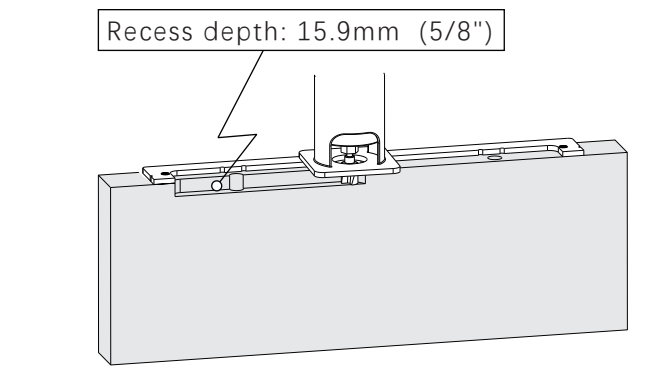
Remove the Drilling Jig. Install the provided Router Bit (3/4" Dia x 5/8" Deep) into your router. Adjust the bit height to exactly **21.9mm (approx. 7/8")**.



Tools You'll Need

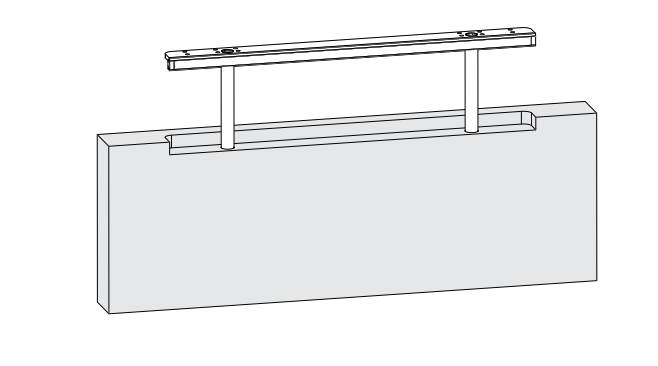


5.Route the Recess
Use the router to carve out the recess for the bracket's backplate inside the Routing Jig area. Make several shallow passes for a clean and safe cut.



Tools You'll Need

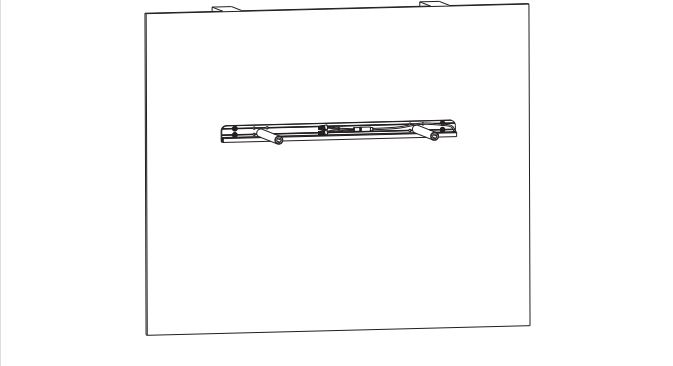
6.Test-Fit the Bracket
Remove all jigs. Insert the bracket into the routed recess and holes. It should sit flush (flat) against the wood surface.



Tools You'll Need

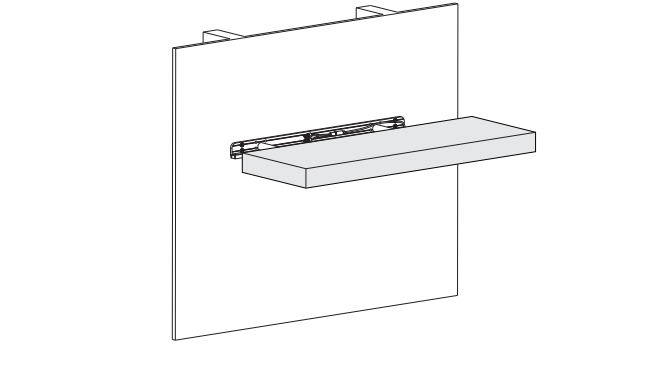
Finished

5.Test Light
Turn on the power. Use the remote control to turn the light on and off, verifying that the system works properly.



Tools You'll Need

6.Final Installation
Once confirmed, slide the wood shelf onto the bracket rods until it sits flush against the wall. Ensure the shelf is stable and perfectly level.

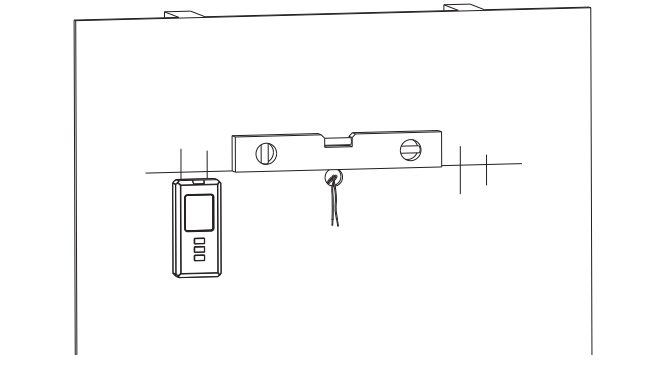


Tools You'll Need

Finished

Mounting the Bracket to the Wall

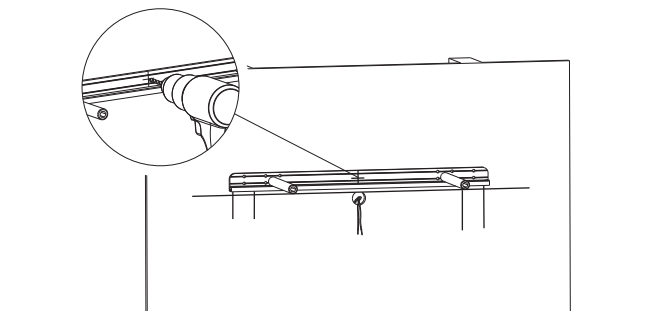
1. Mark Wall Location
Determine your desired shelf height. Use a Level to mark a horizontal reference line. Use a Stud Finder to locate and mark your wall studs.



Tools You'll Need

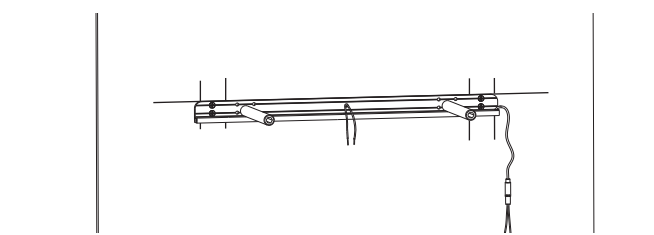
2.Drill Wiring Hole in Bracket
Mark the wiring connection position on the bracket. Use the provided Metal Drill Bit to drill a hole through the bracket at the marked location to allow wires to pass through.

Note:
Skip this step if using the Plug-in Power Adapter.



Tools You'll Need

3.Mount the Bracket
Feed the power wires through the newly drilled hole. Align the bracket with your wall studs and reference line. Secure it to the studs using the Long Screws (KA M4*50).



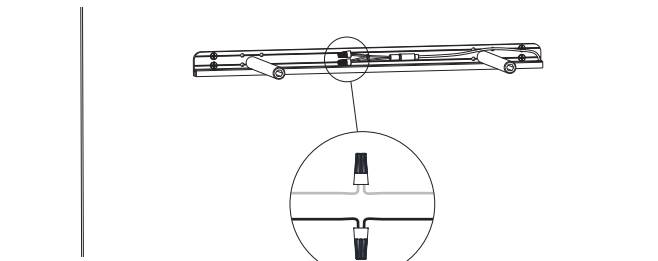
Pro Tip:
If the pre-drilled slots on the bracket do not align with your wall studs, use the provided Metal Drill Bit to drill new mounting holes in the bracket backplate that align with your studs.

Tools You'll Need

4.Electrical Connection
Connect your power supply wires to the shelf wires using the wire connectors.

WARNING: Check Polarity! Ensure you connect the Positive (+) wire from the driver to the Positive (+) shelf wire, and Negative (-) to Negative (-).

Note:
If using the Plug-in Power Adapter, skip this step. Simply plug the adapter into the shelf in Step 5.



Tools You'll Need

Remote Control Installation (Note: Mount on smooth, flat surfaces only)

1.Determine the location. Clean the surface to ensure it is free of dirt and dust.

2.Peel off the protective film from the metal plate.

3.Stick the metal plate to your desired location.

4.Attach the remote control to the metal plate, it holds magnetically.

Using the Remote Control

Brightness Adjustment

Short press "+": Increase brightness in steps (10 levels).

Long press "+": Stepless dimming - The brightness smoothly increases until you release.

Short press "-": Decrease brightness in steps (10 levels).

Long press "-": Stepless dimming - The brightness smoothly decreases until you release.

Power Buttons

Turn the light on.

Power Buttons

Turn the light off.

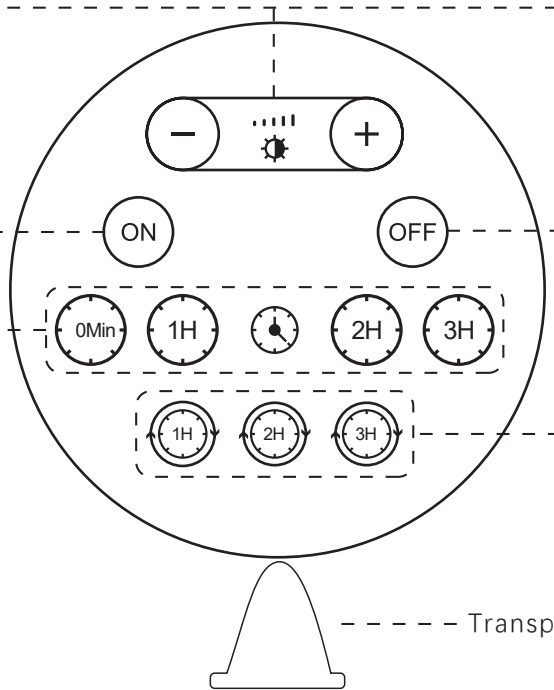
One-Time Timer

Press 30Min, 1H, 2H, or 3H.

The light will automatically turn off after the selected time elapses. The indicator light flashes once to confirm.

Daily Memory Timer

Options with circle arrows (1H, 2H, 3H). Once selected, the light stays on for the set duration, turns off, and automatically turns on at the exact same time every day. The light flashes once to confirm your selection.



----- Transparent film: Remove before use.

Need More Installation Help?

Email us at
craftersmarksales@outlook.com

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FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.