

OPTIONAL - Leviosa Shades Installation Instructions – For wiring to 12VDC source

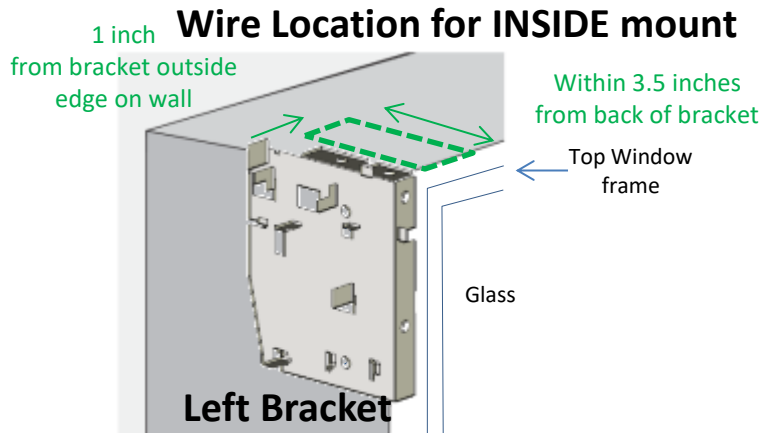
Generally, Leviosa Motor Shades are powered with Hidden Battery pack or Plug-in Wall Adapter. Either is included in the price of the shades.

Some customers want the option of hard-wiring their shades to a power source, usually hidden in the wall or ceiling, which has benefits of unlimited power with the sophisticated appearance of no wires showing. The power source is installed separately, and may require professional electrical installation.

Leviosa Motor Shades are easily able to wire directly to 12VDC source of power. Do NOT connect motors directly to 120V AC.

- This requires special brackets (no extra charge) that install the same as regular brackets, but have wire leads that easily connect directly to your power source. Please let us know when ordering if you want the special brackets (use "Notes to Seller" in the cart).
- Technical requirements: 1.0A per shade, 12.5 VDC (+/-0.5V). 2.0A for shades > 96" width.
- Many power supplies have variable outputs around 12 VDC so ensure to adjust to over 12 VDC.

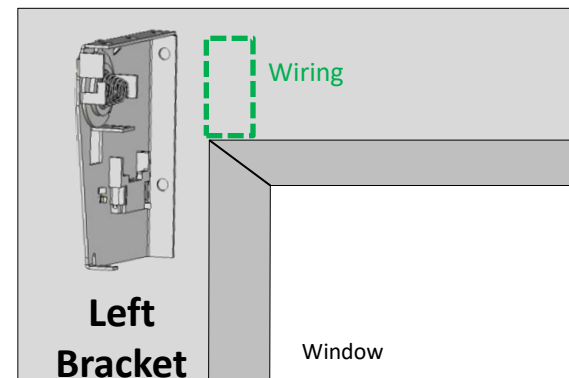
- Please check and comply with all local electrical regulations for type of wiring and installation, and seek Professional Electrical help if you are not sure.



Wires from 12 VDC power supply should install so they do not interfere with the bracket:

- On LEFT side of shade, 1" from the wall, and within 3.5" of the back of the bracket so the wires are hidden behind the valance cover that attaches to full front of bracket.
- Please leave 12" wire leads to attach to a 120V power supply or directly (12VDC) to motor wires.

Wire Location for OUTSIDE mount



Wires from 12 VDC power supply should install so they do not interfere with the bracket:

- Anywhere in line with the bracket, so it is hidden behind the valance cover that attaches to full front of bracket.
- Please leave 12" wire leads to attach to a 120V power supply or directly (12VDC) to motor wires.

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Choose the size of wire to match the longest wire from 12VDC power supply to the shades.

- Account for wiring one shade to other shades with the same wire – the longest distance in the line of shades to the last shade
- Assumes copper wire, 12 VDC, all shades running at once

		MAXIMUM Distance (ft) of wire to Leviosa Shades			
		Wire AWG			
Number of Leviosa Shades on single wire		18	16	14	12
		1	75	150	250
2	50	90	120	200	
3	30	60	90	140	
4	25	45	65	110	
5	20	33	50	90	
6	15	25	40	75	
7	12	22	35	65	
8	10	20	31	55	
9	9	18	28	50	
10	8	16	25	45	

12VDC Power supply options from Leviosa Shades:

- 3 power supply boxes for either 4 shades, 9 shades, or 18 individual shades
- Input standard 120VAC. Output: 12V DC – 5/10/20 amp Supply Current
- Multiple Outputs (4/9/18 channel) powering multiple shades – 2 wire connections (+ and -) for each shade
- DC regulated, over current and voltage protected
- Individual LED indicator for each out put, every channel is protected with fuses
- Easy to install, can be mounted to any surface, plugged and up in seconds
- Buy online: <https://leviosashades.com/products/leviosa-power-supply-12vdc-distribution-electrical-box>



← Connect each pair of shade wires individually:
4 shades, 9 shades, or 18 shades

Wire connections to Motor at Left Bracket (4.5")

4" and 3" square brackets will not have tabs to hold wires

Power Wire

(from wall adapter, or hardwiring)

Place under Tab LAST. This is also the FIRST to disconnect when servicing.

2 screw terminals to 12VDC wires (labelled + and -)

Power connector

Motor connector

Connectors from Power Supply and Motor attach in FRONT of bracket

OR DIRECTLY connect wires from 12VDC power supply to motor wires with wire nuts:
RED: 12VDC + (positive)
BLACK – 12VDC – (negative)

White Antennae Wire

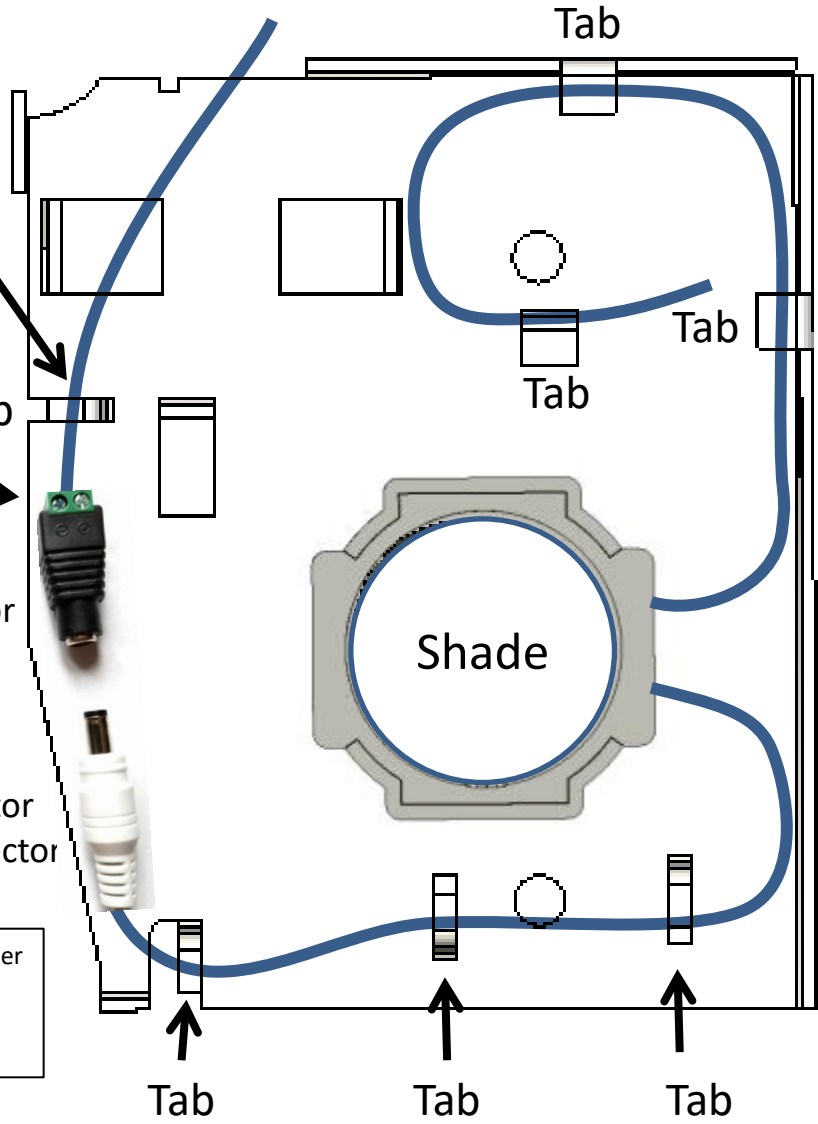
From Motor (Do NOT Cut)

Place wire under the tabs to hold in place

Both wires face BACK side of the Bracket

White Power Wire

From Motor With Connector End



Press wire UNDER tabs

You are ready to Program your Shade.