Linkstyle 738944073407 4 in 1 Marine Switch Panel User Manual

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Linkstyle 738944073407 4 in 1 Marine Switch Panel

INTRODUCTION

Boat enthusiasts looking for an effective way to operate several gadgets in their marine vessel will find the Linkstyle 4-in-1 Marine Switch Panel to be the ideal option. This premium switch panel is perfect for boats, RVs, and other maritime applications because it is made to handle 12V electrical systems. It has a sturdy build and an easy-to-use toggle operation mode, and it costs $15.01. The switch panel, which is made by Linkstyle, has four separate switches for ON/OFF control and is constructed from sturdy materials including ABS plastic and a USB contact type. The Linkstyle 4-in-1 maritime Switch Panel, which was first made available on April 8, 2019, adds style and usefulness to your maritime electronics while maintaining equipment organization. Boat owners who wish to easily manage their electrical systems and guarantee hassle-free, safe operation while at sea must have it.

SPECIFICATIONS

Brand	Linkstyle
Price	$15.01
Operation Mode	On Off, On-off, Toggle
Current Rating	20 Amps
Operating Voltage	12 Volts
Contact Type	Socket, USB
Connector Type	USB
Package Dimensions	7.72 x 4.84 x 1.77 inches; 1.6 ounces
Item Model Number	A93644U-L001655717
Date First Available	April 8, 2019
Manufacturer	Linkstyle

WHAT’S IN THE BOX

- Marine Switch Panel
- User Manual

PRODUCT OVERVIEW

FEATURES

- Its four-in-one functionality includes an LED voltmeter, cigarette lighter socket, USB power outlet, and ON/OFF rocker toggle switch.
- **Dual USB charger**: Featuring two USB ports that can charge two devices at once at high speeds, this charger has a 5V/2.1A and 2.1A output (4.2A total).
- **Overcharge Protection**: Provides safety for linked devices by guarding against overcharging, overcurrent, and overheating.

- **Digital Voltmeter Display**: This device has a sizable, easily readable digital display that allows for real-time battery voltage monitoring (0–24V range).
- **Cigarette lighter socket**: Perfect for powering other devices, this socket has a strong plastic casing that resists flames and can handle 12V DC.
- **LED Rocker Toggle Switch**: This ON/OFF switch has a long lifespan of up to 10,000 cycles with LED backlighting for easy viewing in dark conditions.
- **Wide Voltage Compatibility**: Suitable for a wide range of automobiles, boats, RVs, and more, it supports both 12V and 24V DC input voltage.

- **Compact Design**: The panel's 7.67″ (L) x 1.69″ (W) measurements allow it to be installed in tight spaces on cars or boats.

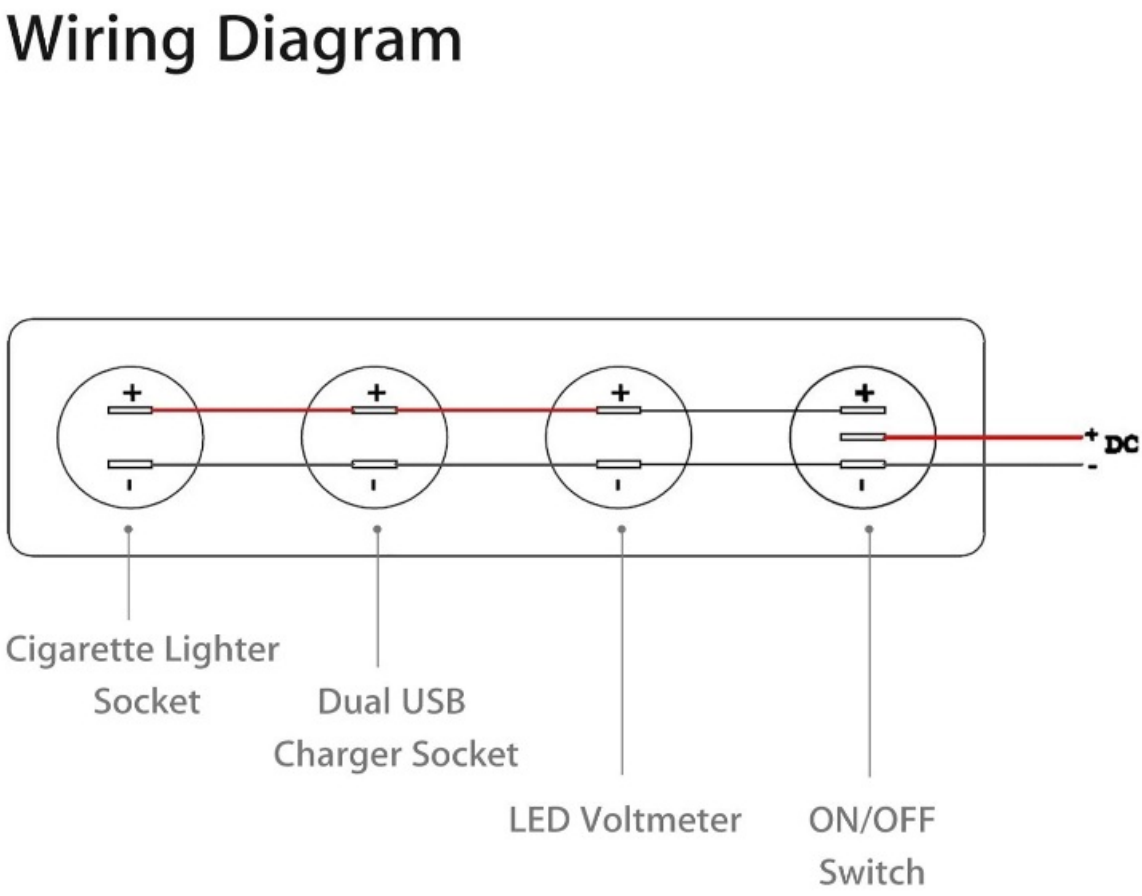
Size

- **Waterproof construction**: The panel's waterproof construction guarantees its longevity and secure functioning in damp and maritime environments.
- **Simple Installation**: Quick and hassle-free setup is made possible by the pre-wired components, which include screws, for simple installation.
- **Flame-Resistant Materials**: To guarantee user safety in situations involving high current and temperature, this product is constructed using flame-resistant materials.
- **High Current Rating**: Toggle switches are appropriate for use in high-power applications since they can manage up to 20A of current.
- **Universal Application**: Offers a flexible way to power gadgets and is perfect for automobiles, trucks, boats, RVs, motorbikes, and other vehicles.
- **Dependable Performance**: Even in demanding settings, long-lasting performance is guaranteed by premium materials and design.
- **Smart Charging**: To guarantee the best charging speed for connected devices, the USB charger automatically determines the most suitable current.

SETUP GUIDE

- **Verify Voltage Compatibility**: To guarantee that the panel functions properly, make sure your system runs on 12V or 24V DC.
- Assemble the required equipment before beginning the installation, including a screwdriver, wire cutter/stripper, and wire connections.

- **Pick an Installation Site**: Pick a site that is convenient to get to and has adequate room for the panel (about 7.67″ x 1.69″).
- **Mount the Panel**: Attach the panel to the dashboard or any panel surface of your car or boat using the screws that come with it.
- **Wire Connections**: Make sure the wires are polarized correctly for the voltage source by connecting them to the appropriate panel inputs.



- **Connect the USB charger**: Make sure the USB charging ports are firmly attached and connect them to the power input.
- **Cigarette Lighter Socket Wiring**: Make sure the socket is wired correctly for 12V DC before connecting it to the panel.
- **Install the Digital Voltmeter**: To ensure precise voltage monitoring, connect the voltmeter's terminals to the battery or vehicle power source.
- **Wire the ON/OFF Rocker Switch**: Attach the terminals of the toggle switch to the devices you wish to use it to control.
- **Use the Pre-Wired Harness**: An 18AWG wire (23.62 inches long) is pre-wired to the panel, making installation easier.
- **Secure the Wires**: To avoid any loose connections that can result in malfunctions or short circuits, neaten up the wiring with zip ties.
- **Examine Power Sources**: Make that the power supply is rated for the proper voltage and current (12V or 24V DC).
- **Test Functionality**: After connecting, power on the car or boat to see if all of the features—such as the toggle switch, voltmeter, and USB charging—are operational.

- **Monitor Voltage**: Make sure the battery voltage is within the typical range for safe operation by checking the voltmeter.
- **Final Check**: After installation, confirm that all parts are operating as they should and that the toggle switch flashes correctly.

CARE & MAINTENANCE

- **Check for Loose Connections Frequently**: To prevent power outages or possible short circuits, make sure that all wire is firmly attached.
- **Clean the Panel**: To get rid of dust and grime, wipe the panel frequently using a moist cloth. Steer clear of harsh chemicals that might harm the surface.
- **Examine for Wear and Tear**: Look for indications of physical damage or wear on the toggle switch, USB ports, and cigarette lighter socket.
- **Inspect the Voltmeter**: To make sure the voltmeter is accurately reading the battery voltage, inspect its display on a regular basis.
- **Keep the Area Dry**: To prevent corrosion, keep moisture from building up on the panel, particularly near electrical connections.
- **Replace Fuses as Needed**: To guarantee the system's continuous protection, swap out any blown fuses for the proper 20A-rated fuse.
- **Utilize the Protection Features of the Panel**: By preventing excessive power consumption, make sure that the overcurrent, overcharge, and overheating protections are engaged.
- **Verify USB Charger Output**: Make that the USB charger is giving devices the right output (5V/2.1A x 2 ports) on a regular basis.
- **Check the Rocker Switch's Operation**: Verify that the LED backlight works while the rocker switch is on and that it toggles smoothly.
- **Prevent Overloading**: Make sure that none of the parts, such as the USB charger and cigarette lighter socket, are ever overpowered.
- **Protect from Extreme Heat**: To avoid damaging the plastic components, keep the switch panel away from heat sources and direct sunlight.
- **Use in Dry Conditions**: To prolong the panel's life, avoid subjecting it to continuous water exposure, even though it is waterproof.
- **Replace Damaged Components**: To ensure safe functioning, replace any damaged panel components, such as the rocker switch or USB ports.
- **Secure Wiring**: To prevent possible electrical hazards, inspect for frayed or damaged wires and repair them right away.
- **Monitor Charging Performance**: To make sure that devices are charging effectively and that there are no power problems, periodically check the USB charging speed.

TROUBLESHOOTING

Issue	Solution
Switches are not working	Check the wiring connections for any loose contacts.
Panel does not power on	Verify the power supply and ensure proper voltage.
Switches feel stuck or hard to press	Clean the switch terminals and lubricate if necessary.
Lights not functioning	Inspect the LED connections and replace faulty lights.
Fuse blows repeatedly	Ensure the panel is connected to the correct power source.
Panel is overheating	Check for proper ventilation around the panel.
The switch is unresponsive	Test each switch individually to identify the problem.
Panel doesn’t fit installation space	Measure the dimensions before installation.
USB port not charging	Inspect the USB port for any obstructions or damage.
The panel is vibrating during use	Check the panel mount and ensure it’s securely fixed.

PROS & CONS

Pros

1. Easy installation with pre-wired connections.
2. Durable construction with ABS and USB connectors.
3. Suitable for both marine and RV applications.
4. Ideal for managing multiple electrical devices.
5. Compact and lightweight, making it space-efficient.

Cons

1. Limited to 12V systems.
2. Toggle switches may not appeal to everyone.
3. No backlighting for switches.
4. Requires proper mounting for best performance.
5. Only available in one color option.

WARRANTY

The Linkstyle 4 in 1 Marine Switch Panel comes with a standard **one-year** limited warranty. This warranty covers any defects in material or workmanship under normal use. If there are any issues with the functionality of the product within the warranty period, the manufacturer will offer a replacement or repair.

FREQUENTLY ASKED QUESTIONS

What is the price of the Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel?

The Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel is priced at $15.01, offering an

affordable and efficient solution for controlling multiple devices on your boat or marine vehicle.

What is the operating mode of the Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel?

The Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel operates with On Off, On-Off, and Toggle modes, providing flexibility for various electrical systems.

What is the current rating of the Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel?

The Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel has a current rating of 20 amps, suitable for handling moderate to high power requirements.

What is the operating voltage of the Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel?

The Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel operates at 12 volts, making it compatible with most marine and vehicle electrical systems.

What type of contact does the Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel use?

The Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel uses socket and USB contact types for connectivity, ensuring reliable power flow.

What is the connector type for the Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel?

The Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel utilizes a USB connector type, making it compatible with USB-powered devices.

What are the package dimensions for the Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel?

The Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel package dimensions are 7.72 x 4.84 x 1.77 inches, making it compact for easy installation.

How much does the Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel weigh?

The Linkstyle A93644U-L001655717 4-in-1 Marine Switch Panel weighs just 1.6 ounces, making it lightweight and easy to handle.

References

- **User Manual**