uxcell a19062000ux0491

uxcell Game Push Button Instruction Manual

Model: a19062000ux0491

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of the uxcell Game Push Button. Designed for arcade video games and similar applications, this illuminated push button features a durable micro switch and a 12V LED for clear visibility.

The uxcell Game Push Button is a momentary switch, meaning it activates when pressed and deactivates when released. Its robust construction ensures reliability for extended use in various console types.

2. PRODUCT COMPONENTS

Each package typically includes the following components:

- Game Push Button (Blue, Triangle shape)
- Micro Switch
- 12V LED Lamp

Figure 1: A set of five uxcell blue triangle game push buttons, shown with their integrated micro switch and LED components.

Figure 2: Detailed view of a single uxcell game push button, separated from its micro switch and LED for clarity.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of the uxcell Game Push Button:

1. **Prepare Mounting Surface:** Ensure the console panel (wood or metal) has a clean, circular hole with a diameter of approximately 23.5mm.

2. **Insert Button:** Place the main body of the push button through the prepared hole from the front of the panel. Secure it with the included nut from the back.

3. **Connect Micro Switch:** Attach the micro switch to the designated slot on the button's base. Ensure it clicks securely into place. The micro switch is rated for 10,000,000 cycles, providing long-term reliability.

4. **Connect LED:** Insert the 12V LED lamp into its housing within the button assembly. It is crucial to distinguish between the positive and negative terminals of the LED. If the LED does not illuminate upon initial connection, reverse the polarity of the LED interface.

5. **Wire Connections:** Connect the micro switch to your control board using appropriate wiring. The switch operates as a Normally Open (1NO) contact type. Connect the LED to a stable 12V DC power source, observing polarity.

Figure 3: Exploded view illustrating the individual components of the uxcell game push button for assembly reference.

4. OPERATING INSTRUCTIONS

The uxcell Game Push Button is designed for straightforward operation:

- **Activation:** Press the button firmly to activate the connected circuit. The LED will illuminate when power is supplied and the button is pressed, or continuously if wired for constant illumination.
- **Deactivation:** Release the button to deactivate the circuit. The button will return to its original position due to its momentary operation type.

5. MAINTENANCE

To ensure the longevity and optimal performance of your uxcell Game Push Button, consider the following:

- **Cleaning:** Periodically wipe the button surface with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Regularly check the wiring connections for any signs of wear or looseness. Ensure the micro switch is securely attached.
- **Environmental Conditions:** Operate the buttons within typical indoor environmental conditions. Avoid excessive moisture or extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your uxcell Game Push Button, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
LED does not light up	Incorrect LED polarity No 12V DC power Faulty LED	Reverse the LED connections Verify 12V DC power supply Replace LED if necessary
Button does not register input	Loose micro switch connection Incorrect wiring to control board Faulty micro switch	Ensure micro switch is securely attached Check wiring for continuity and correct connections Replace micro switch if necessary
Button feels stiff or sticky	Debris under button cap Mechanical obstruction	Carefully remove button cap and clean Inspect for any foreign objects

7. SPECIFICATIONS

Feature	Specification
Brand	uxcell
Model Number	a19062000ux0491
Operation Type	Momentary (Push Button)
Light Voltage	DC 12V
Contact Type	1NO (Normally Open)
Material	Plastic & Metal
Mounting Hole Diameter	23.5mm
Button Size (L x W x H)	39x39x39 mm (Triangle)
Micro Switch Reliability	Tested to 10,000,000 cycles
Color	Blue
Item Weight	5 ounces (for 5 buttons)
Package Dimensions	6.34 x 5.2 x 2.56 inches

8. WARRANTY AND SUPPORT

Specific warranty details for the uxcell Game Push Button are not provided in the product information. For warranty inquiries or technical support, please contact the manufacturer directly or refer to the official uxcell store:
Visit the uxcell Store on Amazon