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> AIXZGLOBAL 5-Pin TIG Welding Pedal Remote Control Cable for AIT200P ACDC / AIT250P ACDC Welding Machines Instruction Manual

## AIXZGLOBAL GX16-5

# AIXZGLOBAL 5-Pin TIG Welding Pedal Instruction Manual

## INTRODUCTION

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This manual provides instructions for the AIXZGLOBAL 5-pin TIG Welding Pedal, designed for use with AIXZ TIG welding machines AIT200P ACDC and AIT250P ACDC. This pedal allows for hands-free current adjustment during TIG welding operations, enhancing precision and efficiency.



Figure 1: AIXZGLOBAL 5-pin TIG Welding Pedal

## SETUP INSTRUCTIONS

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### Connecting the Pedal

The TIG welding pedal features a 5-pin connector and a 3-meter (10-foot) cable for connection to compatible welding machines.

1. Locate the 5-pin control port on your AIXZ AIT200P ACDC or AIT250P ACDC TIG welding machine.
2. Align the 5-pin connector of the pedal cable with the port on the welding machine.
3. Insert the connector firmly and secure it, typically by twisting the locking ring until it is snug.

**Note:** This pedal is specifically designed for AIXZ AIT200P ACDC and AIT250P ACDC models and may not be compatible with other manufacturers' machines.

## ADJUSTS AMPERAGE FROM 0-200 AMPS

### 5 PRONG CONNECTION



Figure 2: Detail of the 5-pin connector



Figure 3: Pedal connected to an AIXZ TIG welding machine

## OPERATING INSTRUCTIONS

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The TIG welding pedal provides hands-free control over the welding current, allowing for precise adjustments during operation.

### Current Adjustment

1. Ensure the welding machine is powered on and properly configured for TIG welding with pedal control enabled.
2. Place the pedal on a stable, flat surface where it can be comfortably operated with your foot.
3. To initiate welding and increase current, press down on the pedal. Pressing the switch activates the gas contactor and increases the welding current within a range of 0 to 200 amperes.
4. To decrease current and stop welding, gradually release pressure on the pedal. Releasing the switch closes the gas contactor and decreases the current.

This hands-free operation eliminates the need to manually adjust current settings on the machine, improving efficiency and weld quality.



## ERGONOMIC DESIGN

**Tap to activate gas contactor to increase current; release to close gas contactor to decrease current.**

Figure 4: Foot operation for current control

### MAINTENANCE

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To ensure the longevity and proper functioning of your TIG welding pedal, follow these general maintenance guidelines:

- Keep the pedal clean and free from dust, debris, and welding spatter. Use a dry, soft cloth to wipe down the casing.
- Avoid exposing the pedal to excessive moisture, extreme temperatures, or harsh chemicals.
- Regularly inspect the cable and connector for any signs of wear, cuts, fraying, or loose connections. If damage is observed, discontinue use and replace the component if necessary.

- Store the pedal in a dry, protected environment when not in use to prevent accidental damage.

## TROUBLESHOOTING

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If you encounter issues with your TIG welding pedal, consider the following common troubleshooting steps:

- **Pedal Unresponsive:**
  - Check that the 5-pin connector is securely plugged into the welding machine's control port.
  - Ensure the welding machine is powered on and in the correct TIG welding mode with pedal control enabled.
  - Verify that the cable is not damaged. A damaged cable may prevent proper signal transmission.
- **Inconsistent Current Control:**
  - Ensure the pedal mechanism moves freely without obstruction or debris.
  - Confirm that the welding machine's settings are appropriate for external pedal control.

If problems persist after checking these points, contact AIXZGLOBAL customer support for further assistance.

## SPECIFICATIONS

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Feature	Detail
Brand	AIXZGLOBAL
Model Name	GX16-5
Recommended Uses	TIG Welding, Metal Processing
Power Source	Electric Cable
Special Feature	Portable
Components Included	Foot Pedal
Material	Metal
Product Dimensions (L x W x H)	30 x 16 x 13 cm (11.8 x 6.3 x 5.1 inches)
Cable Length	3 meters (10 feet)
Current Adjustment Range	0-200 Amperes
Weight	1.3 kg (2.87 lbs)



Figure 5: Product dimensions and cable length

## WARRANTY INFORMATION

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For specific warranty details regarding your AIXZGLOBAL 5-pin TIG Welding Pedal, please refer to the documentation provided with your AIXZGLOBAL TIG welding machine or contact AIXZGLOBAL customer service directly. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.

## CUSTOMER SUPPORT

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For technical assistance, spare parts, or further inquiries regarding the AIXZGLOBAL 5-pin TIG Welding Pedal, please contact AIXZGLOBAL customer support. You can typically find their contact information on their official website or within the product packaging. When contacting support, please have your product model (GX16-5) and purchase details readily available.