

# User Manual



# User Manual

**AUS**

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MODEL: **PT609B**

PRODUCT CODE: 55500

02/2017



**3**

YEAR WARRANTY



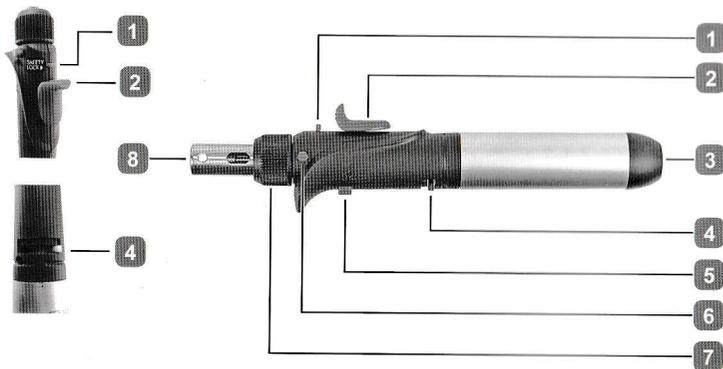
## 3-IN-1 MINI SOLDERING TORCH



**55500 VERS. 1.  
MODEL PT609**

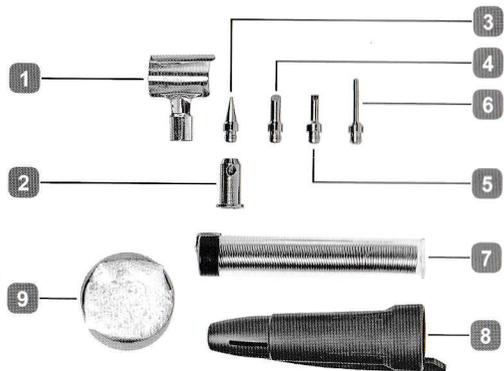
### Features

- 1 Safety lock button
- 2 Ignition switch
- 3 Gas refill valve
- 4 Flame level adjustment
- 5 Continuous flame switch
- 6 Gas flow stop button
- 7 Locking nut
- 8 Gas torch attachment



### Accessories

- 1 Deflector attachment
- 2 Hot air / soldering attachment
- 3 Standard tip
- 4 Anvil tip
- 5 Chisel tip
- 6 Needle tip
- 7 Solder wire
- 8 Protective cover
- 9 Cleaning sponge



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## 1. General

### Use and storage of the instruction manual

This instruction manual contains important information and must be read carefully before use. Keep the manual in a safe place and if you pass this product on to any other person, be sure to give that person this instruction manual.

**Follow the instructions and safety warnings contained in this manual. Failure to follow the safety warnings and instructions may result in damage to the appliance, serious injury or even death.**

### Scope of use

This torch is designed for soldering electrical wires and circuit boards, removing or drying paint and forming plastic. It can also be used for shrink fitting and softening or removing adhesive in accordance with the instructions contained in this manual and may not be used for any other purpose. This product is designed for DIY use only and is not suitable for commercial use or heavy duty use. The manufacturer cannot be held responsible for damage or injury caused by misuse of the soldering iron. Misuse will invalidate the warranty. Examples of misuse are given in the following non-exhaustive list:

- Use of the torch for any other than its intended purpose
- Use of accessories or consumables that are not suitable for the torch
- Non-observance of the safety warnings or assembly and operating instructions
- Failure to follow the cleaning and maintenance instructions
- Use of the torch in modified form
- Commercial or otherwise excessive use

Anyone who operates or services the gas soldering iron and torch kit must be familiar with these instructions and must be aware of possible dangers. This product may only be used by a competent person - in case of doubt seek training or advice from an expert. Any applicable health and safety regulations must be followed.

## 2. Safety

### Symbols used

 <b>Caution:</b>	Non-observance of the safety warnings poses a risk of injury.
	This symbol warns of damage to the machine, environment or property.
	This symbol refers to information regarding the general understanding and function of the machine.
	Wear eye protection
	Read the operating manual
	Use this appliance in a well ventilated area
	Do not inhale any toxic fumes
	Solder is suitable for electrical work.
	Maximum flame temperature: 1300°C
	Soldering temperature: 450°C
	Hot air temperature: 600°C
	Caution hot
	Risk of fire

### General Safety Instructions

#### **Caution:**

- Keep the torch out of the reach of children
- Always wear eye protection.
- Wear non-greased clothing.
- Contains flammable gas under pressure. Do not expose the torch to temperatures exceeding 50°C / 120°F or to prolonged sunlight.

- The torch must not be modified in any way. Factory settings must not be altered. It can be dangerous to modify or adjust the torch, to remove factory fitted parts or to use replacement parts other than those recommended by the manufacturer.
- **Read the refilling instructions before you refill the torch.** Refilling the torch incorrectly can lead to accidents and the risk of serious injury.
- **Take care not to heat the refillable gas tank.**
- **Never pierce or open the torch or expose it to fire.**
- **To avoid the risk of damage to the torch protect the torch from impact and do not allow it to fall on to the floor.**
- **Always work on a nonflammable work surface.**
- **Do not use torch which is leaking, is damaged or which does not operate properly. Have faulty torch repaired by a competent person or the manufacturer only.**
- **If you wish to check for leaks on your torch, do it outside. Do not try to detect leaks using a flame, use soapy water.**
- **Contact the manufacturer or retailer in case of a leak.**
- **Only replacement parts recommended by the manufacturer may be used.**
- **Work in a well ventilated environment in accordance with any applicable national requirements for the supply of combustion air; and to avoid risk of a dangerous build-up of unburnt gas.**
- **The torch must not be used in an environment where flammable fumes, flammable liquids or explosive materials are present.**
- **IGNITE THE TORCH AWAY FROM YOUR FACE, HANDS, CLOTHING OR FLAMMABLE MATERIALS**
- **Never direct the flame towards persons.**
- **EXTINGUISH THE TORCH DURING ANY BREAKS.**
- **THE AIR VENTS ON THE CATALYTIC SOLDERING ADAPTER GIVE OFF HOT AIR. DURING SHORT BREAKS AND AFTER USING THE TORCH, TAKE CARE TO PREVENT THE RISK OF BURNING YOUR WORK BENCH SURFACE OR OTHER FLAMMABLE OBJECTS.**
- **DO NOT DIRECT THE HOT AIR FLOW TOWARDS YOUR EYES, FACE, BODY OR OTHER PERSONS.**
- **Do not inhale welding or soldering fumes.**
- **Be aware that the actual size of the flame can be longer than it appears to be.** The flame may be barely visible in certain light conditions.
- **The burner nozzle and the catalyst adapter become extremely hot during operation and remain so after the torch has been extinguished.** Take care to protect yourself from accidental burns.
- **Ensure that the flame is completely extinguished after you turn the torch off.**
- **Allow the torch to cool down completely before storage.**

## Technical specifications

Model	PT609B
Art.Nr.	55500
Gas tank volume	20 ml
Appliance category	Direct pressure butane; Direct pressure propane-butane mixture
Flame temperature	Torch 1300°C Hot air 600°C Soldering 450°C
Gas consumption	7.02 g/h

This appliance shall only be used with butane or propane-butane mixture pressurised containers.

## 3. Before using the torch

### Filling the gas tank

 Lighter refills widely available at tobacconists, newsagents and DIY stores.



- **Turn the burner off and make sure that the flame is out before you fill the tank.**
- **Wait until the burner temperature has cooled down before you refill the tank with gas.**
- **Refill the tank in a well ventilated place, in an environment free of flames or sources of ignition and away from other persons.**
- **Smoking is prohibited while you are filling the tank.**
- **Use only the recommended butane and propane-butane mixture gas to refill the torch.**
- **Hold the torch with the burner pointing downwards.**

- Insert the nozzle on the refill canister into the valve in the tank and press down.
- Stop refilling once gas starts to overflow. **OVERFILLING THE TANK WILL CAUSE THE FLAME TO SPIT.**
- Wait a few minutes before igniting the torch to allow the gas to stabilise.



## 4. Using the torch

**CAUTION:** Accessible parts become very hot. Keep your children away from the appliance. Use the protective cover to store the hot appliance.

### Igniting and extinguishing the flame



- 1 Slide the flame level adjustment switch to position 4**
- 2 Intermittent operation mode**
  - Push the safety lock button and pull the ignition switch down to ignite the flame
  - Release the ignition switch to extinguish the flame
  - Flaring may occur during the warm up period.
- 3 Continuous operation mode**
  - Push the safety lock button down and pull the ignition switch to ignite the flame
  - Move the continuous flame switch into the CONTINUOUS position to lock the ignition switch in position.
  - Slide the continuous flame switch into the OFF position to extinguish the flame.
- 4 Limit the temperature (hot air gun or soldering iron function only)**
  - Press the gas flow stop button during continuous operation mode to pause the flow of gas. This enables the user to limit the temperature during operation when being in the hot air gun or soldering iron function only.

## 5. Fitting the attachments

The device is supplied with the gas torch attachment factory fitted and is ready for use as a gas torch.

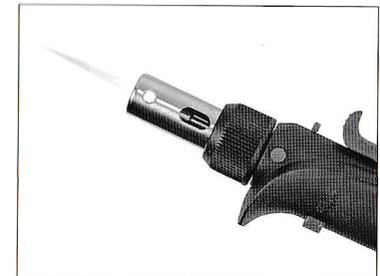
Additionally the torch is supplied with a hot air attachment, four soldering tips and a hot air deflector attachment. To fit the various attachments proceed as described on the following pages.



### Use as a gas torch

The device is supplied with the gas torch attachment fitted for use as a gas torch.

Gas torch is ideal for rough soldering jobs.



## Use as a hot air gun

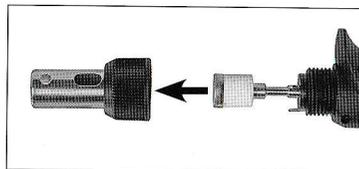
 The hot air gun function is ideal for removing or drying paint and forming plastic. It can also be used for shrink fitting and softening or removing adhesive.

 **Caution!**  
Allow the device to completely cool down before you change any accessories.

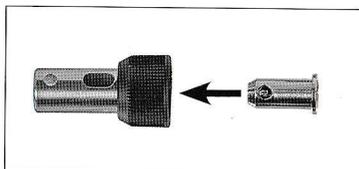
 **Caution!**  
Poisonous fumes may be produced when removing paint.  
Work only in a well ventilated environment and if necessary wear an approved respirator. If in doubt consult a specialist.

### Assembly

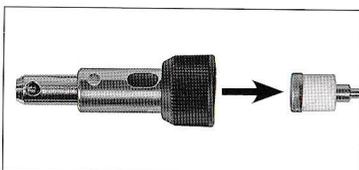
- Unscrew the locking nut
- Remove the gas torch attachment



- Fit the hot air / soldering attachment into the gas torch attachment



- Screw the hot air gun assembly to the tool using the locking nut.

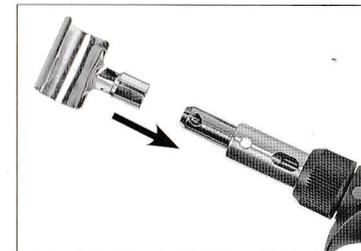


## Deflector attachment

 The hot air deflector can be used with the hot air gun attachment.

 **Caution!**  
Allow the device to completely cool down before you change any accessories.

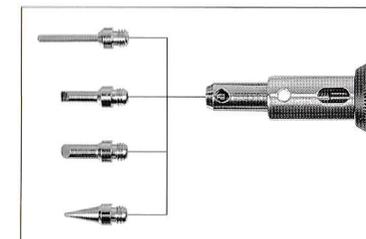
- Slide the deflector firmly onto the hot air attachment. The deflector can be rotated once mounted.



## Use as a soldering iron

### Assembly

- If necessary fit the hot air / soldering attachment tightly on to the torch as described above.
- The torch is supplied with 4 assorted soldering tips.
- Choose the most suitable tip for your application and screw this firmly into the threaded hole in the hot air / soldering attachment.
- Make the cleaning sponge wet.



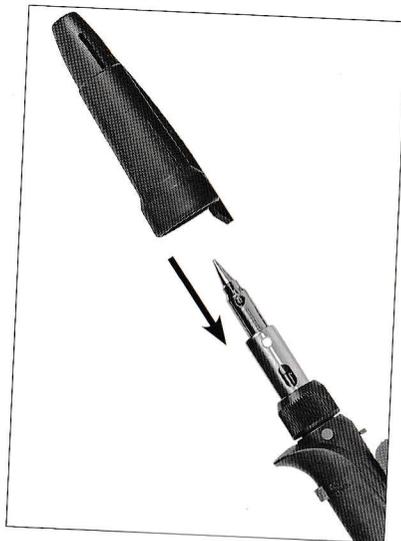
## Protective cover

 The torch is supplied with a protective cover. Use the protective cover to safely rest the hot device and to prevent mechanical hazards.

 **CAUTION!** The protective cap must not be fitted when the flame is ignited.

**Caution!** The metal attachments get extremely hot during operation.

- To fit the protective cover firmly slide it onto the torch.



## 6. Recycling

Worn out tools must be recycled at a suitable recycling facility. Do not dispose of in the household waste.

## 7. Cleaning

Allow the torch to cool completely before cleaning. To avoid damage, do not use aggressive cleaning material, metal brushes or sharp objects such as knives, etc.

- Clean the torch with a soft, slightly damp cloth if required. Ensure that no moisture enters the device.
- Clean the soldering tips with the help of the wet cleaning sponge included in the pack contents.

## 8. Storage and transportation

- Clean the torch before storage.
- If the torch is not to be used keep it at a safe, cool, dry and well-ventilated place out of the reach of children.
- Store and/or transport the torch in its original packaging or in a similar suitable container.
- Allow the device to cool down completely before storage.

## 9. Maintenance and spare parts

- The torch requires no user maintenance. Have faulty devices repaired by a competent person or the manufacturer only.
- Only spare parts supplied by the manufacturer or the service department may be used.

## Troubleshooting

FAULT	POSSIBLE CAUSE	TROUBLESHOOTING
The torch does not ignite.	The tank may be out of gas.	Refill the gas tank according to the instructions for Refilling the tank.
	The flame level may be too low.	Slide the flame level adjustment switch to a higher position.
The solder does not run smoothly on the soldering iron	The tank may be out of gas.	Refill the gas tank according to the instructions for Refilling the tank.
	The flame level may be too low	Slide the flame level adjustment switch to higher position.
The soldering tip is not hot.	It has not had sufficient time to warm up.	Some tips take longer than the others to become hot. Please be patient.
The flame is not visible.	The flame itself is visible in the blow torch position only.	



# WORKZONE®

Mini Soldering Torch Kit

## Repair and Refurbished Goods or Parts Notice

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

**We recommend you save this data elsewhere prior to sending the product for repair.**

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

**Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.**

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1800 186 657 or write to us at:

ROTHENBERGER Australia Pty Ltd

PO Box 6725, Baulkham Hills Business Centre, Sydney NSW, 2153

Unit 6, 13 Hoyle Ave, Castle Hill, Sydney NSW, 2154

Telephone: 1800 186 657

Helpdesk operating hours: Monday to Friday 8:30am to 5:30pm

Email: [service.walter@rothenberger.com.au](mailto:service.walter@rothenberger.com.au)

### AFTER SALES SUPPORT

1800 186 657

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MODEL: PT609B PRODUCT CODE: 55500

