


HEAT GUN KIT
HG 1800K

OPERATING INSTRUCTIONS



Thank you for purchasing the Earlex HG1800K Heat Gun Kit,
this is a highly versatile kit that can be used in a
variety of applications.

**BEFORE USE - PLEASE READ THE SAFETY &
OPERATING INSTRUCTIONS**

Please retain for future reference

www.earlex.co.uk

SAFETY OPERATING INSTRUCTIONS



PLEASE READ BEFORE USE

- **Danger of burns** - Always wear a pair of heavy grade work gloves, non PVC type.
- Do not touch the hot nozzle.
- When changing accessories, switch off and allow the accessory and nozzle to cool.
- Allow the tool to cool down before storage. A hot nozzle can cause damage.
- Do not leave the tool unattended.
- Never allow children to operate or play with the heat gun.
- Do not carry the heat gun by the mains cable.
- Do not allow heat to be directed onto the mains cable.
- Before every use check the condition of the plug and cable. If this is damaged in any way do not use.
- Repairs must be carried out by a fully qualified electrician.
- **Never use the tool as a hair dryer.**
- Always ensure there is adequate ventilation as gases and vapours may be given off when stripping paint.
- Do not restrict any air flow from the nozzle outlet or fan inlet louvres.
- Do not allow the machine to become damp or be operated in damp conditions.
- Heat Guns for outdoor use must not be stored outdoors or left outdoors.
- **Danger of fire or explosion.**
- Poisonous or inflammable gases may be produced when working with paints (especially older type lead paints), varnishes, plastics and similar materials.
- Never use the heat gun close to inflammable materials, heat may be conducted to combustible materials which are out of sight.
- Ensure the heat gun switch is in the off position when connecting to the mains.
- Never under any circumstances aim the heat gun at another person or animal.
- Ensure there is adequate ventilation and protective masks and goggles are used.
- Ensure children are excluded from the work area.
- It is recommended a RCD (residual current device) rated at 30mA is fitted into the mains socket for added protection against electric shock.

TECHNICAL SPECIFICATION

Power Supply 230V 50Hz~
Max. Output 1800 Watts
Temp at Outlet 120°C - 590°C
Weight (excl Accessories) 825g

ABOUT THE HG1800K

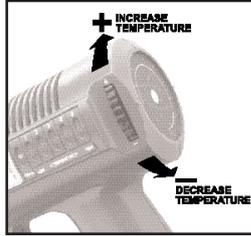
The HG1800K is a highly versatile electric heat gun which can be used for many different applications, such as removal of paint, defrosting of water in metal pipes, forming and

welding plastic and reducing heat-shrinkable tubing. It can also be used for barbecues, soldering, tinning and loosening of some adhesive joints and overtight screws, clean paint from tools and age wood (the heat darkens the surface).

TO OBTAIN THE BEST RESULTS FROM YOUR HEAT GUN KIT PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE USE.

Heat Settings

The heat gun has a variable heat setting in order to give greater control over the working temperature.



To adjust the heat setting move the wheel at the back of the gun. The five red lights on the left hand side of the gun show the temperature range selected.

To increase the temperature, move the wheel up on the left hand side of the gun, and to decrease the temperature move the wheel down on the left hand side of the gun. The approximate temperature setting is also shown on the dial at the back of the gun.

OPERATION

Before starting the job it is advisable to test the workpiece for the ideal temperature to use. The table below gives an indication of the likely heat settings required but always start with the low heat setting.

The distance between the nozzle and the workpiece will vary according to the material being worked on but this should always be at least 50mm (2").

All applications, with the exception of removing paint from the window frames, can be performed without using a nozzle, however for best results nozzles are recommended.

Suggested Ratings

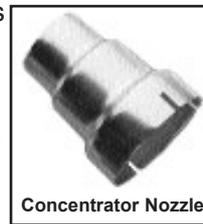
Paint Stripping	High Setting
Bending Plastic	Medium Setting
Defrosting Pipes	Low Setting
Heat shrinking plastic	Low Setting

Nozzles

The kit is supplied with 4 different shaped nozzles, which can be used as follows.

Concentrator Nozzle

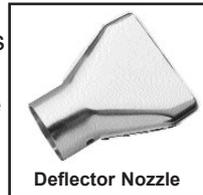
This nozzle directs a concentrated heat flow to the workpiece. It is ideal for use when removing paint in awkward corners, crevices, mouldings, beading, architrave's or whenever precise paint removal is required.



Concentrator Nozzle

Deflector Nozzle

This nozzle directs a long narrow heat pattern to the workpiece, and is ideal for removing paint or varnish from large flatsurfaces such as skirting boards, doors, stairs etc. It should be used in conjunction with a flat scraper. Vinyl tiles can be removed by softening the adhesive.



Deflector Nozzle

Glass Protection Nozzle

This nozzle deflects the heat away from glass or other fragile areas and back onto the workpiece.



Glass Protection Nozzle

Hook Nozzle

This nozzle disperses the heat flow evenly around the whole workpiece. It is ideal for defrosting frozen pipes, soldering pipe work, bending plastics and heat-shrinking electrical parts.



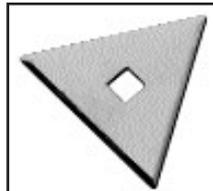
Hook Nozzle

Shavehooks

Select the required blade from the set. Take the shavehook handle from the set, remove the nut from the end, fit the required blade then fix in place by refitting and tightening the nut.

Use the triangular shavehook for stripping paint from flat wooden surfaces and edges, use the combination or heart shavehooks for mouldings in convex or concave profiles.

Remember to clean the blade after use with wirewool and lightly oil before storing.



Triangular Shavehook



Combination Shavehook



Heart Shavehook



Assembly of Shavehook

Removing Paint

Choose the required nozzle and fit onto the heat outlet. Select the scraper or shavehook required. Hold the gun with the nozzle approximately 50mm (2") from the surface of the paintwork and starting with the lower heat setting move it slowly backwards and forwards until the paint blisters and bubbles. Immediately remove the paint with the scraper or shavehook. Aim to heat the paint just ahead of the scraper so that you can develop a continuous action. Do not heat the paint for too long, as this will burn the paint making it difficult to remove.

Most stickers can also be removed from paintwork by using the heat to soften the adhesive. Be careful not to direct the heat for too long if you are trying just to remove the stickers, as this will blister the paint.

Removing paint from window frames

Always use the glass protection nozzle. Ensure you have the nozzle facing the correct way to deflect the heat away from the glass before you switch on. Rotate the gun or nozzle 90° as you move to horizontal or vertical bead. Allow nozzle to cool before attempting to turn it. Paint can be removed from profile surfaces by using a shavehook and/or a soft wire brush.

WARNING: Be careful Glass can break easily due to sudden temperature change! Not suitable for PVC frames!

Defrosting frozen pipes

Choose the Hook nozzle and fit over the heat outlet. Always heat from one or other end of the frozen portion, not from the middle.

WARNING: Do not attempt to defrost PVC pipes. Always check that it is a water pipe and not a gas pipe. Do not heat a gas pipe.

Shrink sealing electrical cables

Choose the Hook nozzle and fit over heat outlet. Select a heat-shrinkable sleeve with a diameter matching that of the workpiece. Evenly heat the sleeve.

Welding plastics

Choose the Concentrator or Deflector nozzle and fit over heat outlet. The materials being welded together must be of exactly the same type of plastic. The areas being welded must be clean and grease-free. Heat the seam until the plastic becomes tacky, then apply the other surface.

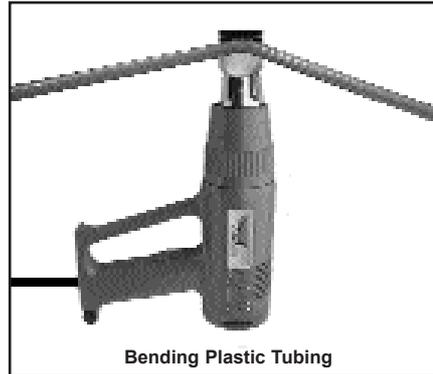
WARNING: Plastic can very quickly change from being tacky into becoming liquid. Beware of burns from hot plastic. Do not remove molten plastic from a burn. Run under cold water and seek medical advice.

Bending plastic tube

Choose the Hook nozzle and fit over heat outlet. Turn the gun upside down and place on its stand so that it is resting on a secure bench with the nozzle pointing upwards; see picture below. To avoid buckling or kinking

the tube, fill the tube with dry sand and seal at both ends. Heat the tube evenly by moving from side to side and bend to required shape.

WARNING: Protect hands from heat.



Bending Plastic Tubing

Cooling

The nozzle of the heat gun can become very hot during use.

Always allow the heat gun to cool after use. Switch off the heat gun and disconnect from the power supply.



Stand the heat gun upright as shown to allow convection currents to cool the nozzle.

To speed up the cooling time, set the heat setting to the minimum and run the heat gun for 2-3 minutes. Always allow at least 30 minutes for the heat gun to cool after switching off.

Always make sure that the heatgun cannot be pulled by the mains cable whilst cooling.

Maintenance

The heat gun should be cleaned before being stored away by wiping over with a clean damp cloth after ensuring that the gun has cooled; do **not** use any chemicals. Ensure that the ventilation slots are not blocked.

Trouble Shooting

If a problem occurs always switch the unit off immediately.

Unit fails to work:

Check the fuse in the plug is sound and rated 13amps.

If an extension cable is used it must be fully unwound and rated at least 10amps capacity.

If unit has over heated allow unit to cool further before operating, this may take up to 20 minutes. - see cooling section

IF YOU REQUIRE FURTHER ASSISTANCE PLEASE CONTACT OUR HELPLINE NO.

01483 454666 (www.earlex.co.uk)

Monday - Friday 08:30 - 17:00
(Excluding Bank Holidays)

MAINS CONNECTION

Your unit has been supplied with a mains lead with a fitted moulded plug. This is identified by the fuse holder in the base of the plug. Please read the following safety instructions before use.

- 1 If the moulded plug is cut off from the mains lead then the plug must be disposed of safely.
- 2 **NEVER** under any circumstances insert such a plug into a 13 amp socket.
- 3 **NEVER** under any circumstances use the appliance without the fuse cover fitted. This is the little cover fixed into the base of the plug to hold the fuse in place. If you lose the fuse cover then please contact any electrical dealer for a replacement or ring our helpline.
- 4 A replacement fuse must be rated at 13amp. The fuse must be manufactured and approved to BS1362.
- 5 **IF IN ANY DOUBT PLEASE CONTACT AN ELECTRICIAN.**

If you need to fit a plug to the mains lead, this should be fitted in accordance with the wiring instructions as shown below, and will need to be used with a 13 amp fuse. If in doubt consult an electrician.

If you are using an extension lead it must be rated at a minimum of 10 amps and fully unwound. Do not operate with a lead rated at less than 10 amps as this will cause premature failure of the element which is not covered by the guarantee.

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.



GUARANTEE

This heat gun is guaranteed for a period of 2 years against faulty manufacture or materials. It is not guaranteed for industrial or hire purposes. The scraper, shavehooks and nozzles are classed as consumables and are not covered by guarantee. This guarantee does not affect your statutory rights.

In the event of any problem occurring please contact us on our Helpline no.

01483 - 454666

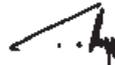
Monday - Friday 08:30 - 17:00 (Excluding Bank Holidays)

www.earlex.co.uk

[email:enquiries@earlex.co.uk](mailto:enquiries@earlex.co.uk)

EC Declaration of Conformity

We declare that the unit: HG1800 conforms to: 73/23/EEC
EN60335-1, EN60335-2-45 & 89/336/EEC EN61000-3-2,
EN61000-3-3 & EN55014



Tim Hopper - Technical Director

OTHER PRODUCTS FROM EARLEX

Steam Wallpaper Strippers: Designed to remove all types of wallpaper, multi-layered papers and artex®.

SS100 - 2300W 4.5 ltr steam wallpaper stripper

SS50 - 2000W 4.5 ltr steam wallpaper stripper

A range of steam cleaning accessories are also available to be used in conjunction with the steam wallpaper strippers. The accessories can be used to clean and rejuvenate carpets, floor tiles, unblock sinks or waste outlets, clean work surfaces, defrost fridges and freezers, clean windows and tiles, remove soiling from upholstery and curtains.

Alternatively the **CombiSteam** combines the versatility of the steam wallpaper stripper with a selected range of the accessories providing you with a complete steam cleaning kit and wallpaper stripper.

SC165 - 1500W 4.5 ltr steam cleaning kit, incl. carpet cleaner, window/tile cleaner, jet nozzle cleaner, upholstery cleaner / small steamplate, large wallpaper stripping plate.

PR9 - The Autofeed Paint Roller is a portable battery operated paint rolling system. It has a 3 litre paint reservoir and 230mm (9") roller and automatically feeds the paint to the roller head. No trays need to be refilled or moved. Easy to use the PR9 provides enough capacity for one coat of a 3.6m x 2.7m (12' x 9') room without having to refill.

ASG55 Super Sprayer - Sprays a 6'x6' fence panel in 5 minutes!

55W Electric Airless Spray Gun, ideal for spraying wood preservatives, shed & fence treatments, water and solvent based paints. Ideal for shed, fences and trellis. It has a 1 litre capacity, easy-grip handle that provides good balance and control. Hardened steel cylinder and stainless steel piston for longer

life. Kit includes 0.6mm & 1mm nozzles & 3-IN-ONE® oil. Check the Earlex website for up - to-date information on what you can spray.

SG75-Super Sprayer 75- 85W Electric Airless Spray Gun. The motor size and larger additional nozzle (0.8mm) allows thicker viscosity liquids such as emulsions, latex, laquers and impregnating agents to be sprayed. Includes a flexible extension nozzle that is ideal for spraying overhead and at different angles. Supplied with 2 nozzle sizes and a spares kit.

SG85-Super Sprayer 85- 85W Electric Airless Spray Gun. The SG85 is a heavy duty spray gun designed for the semi-professional/tradesman with a tungsten carbide piston and a die-cast aluminium head. These allow the product to deal with abrasive materials such as exterior wall paints (non-grit), latex, pottery glazes and similar materials that may be sprayed. Includes a remote suction cup that clips onto the paint can, so that there is no need to keep refilling the paint container. Supplied with 2 nozzle sizes and a spares kit.

WD1000 CombiVac Wet'n'Dry & Blower- The 1000W motor provides a powerful suction and blowing facility which is ideal for use around the workshop, garage, caravan, car, garden and home. The 20 litre recovery tank has 12 litres wet capacity and is designed for the rough and tumble of everyday use. The Combivac has on board storage facilities for its accessories, 6 metres of working length and a two year guarantee. There is also a variety of additional accessories available for use with the Combivac.

If you require further information on any of our other products, please telephone or write to the address below, or visit our website at www.earlex.co.uk



Earlex Ltd.,
19 Moorfield Road, Slyfield Industrial Estate,
Guildford, Surrey. GU1 1RU. ENGLAND.
Tel: +44(01) 01483 - 454666. Fax: +44(01) 01483 - 454548.
email:enquiries@earlex.co.uk
www.earlex.co.uk