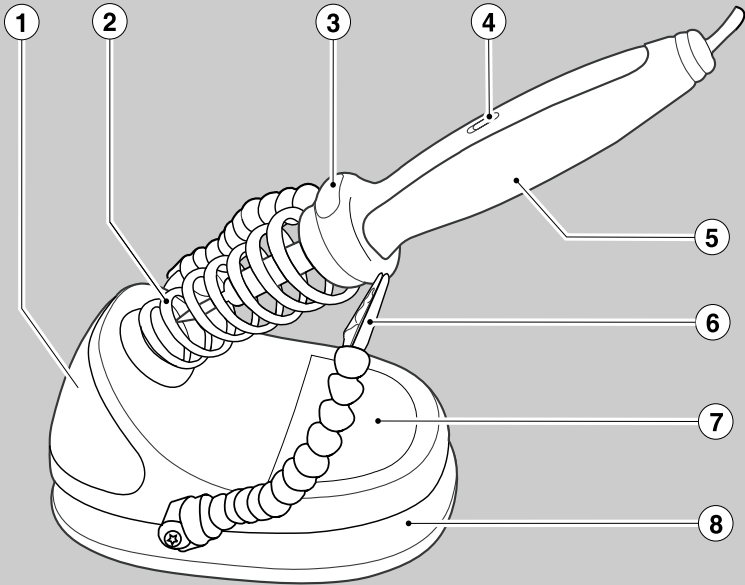




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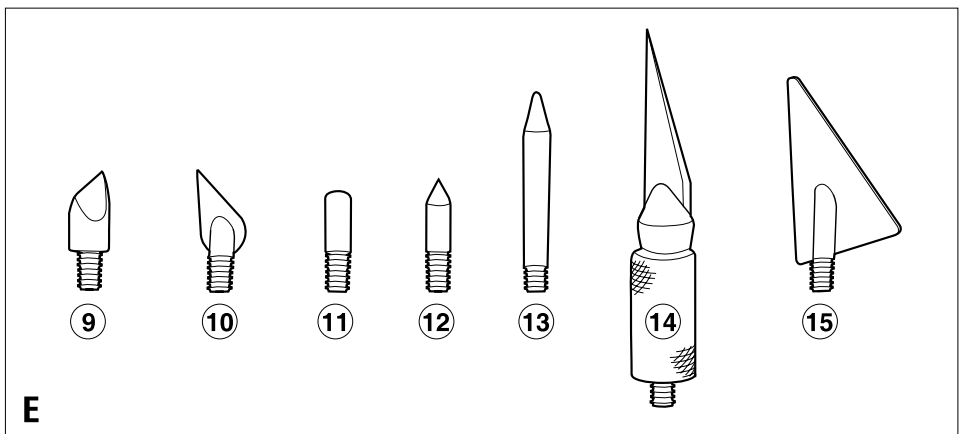
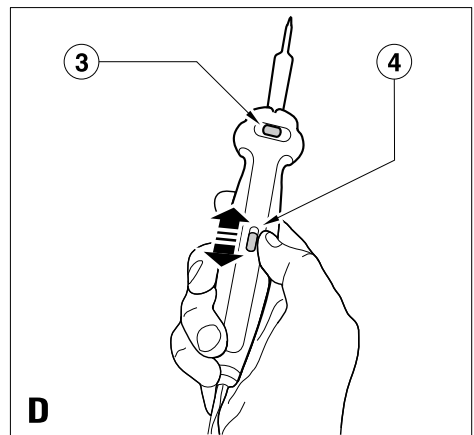
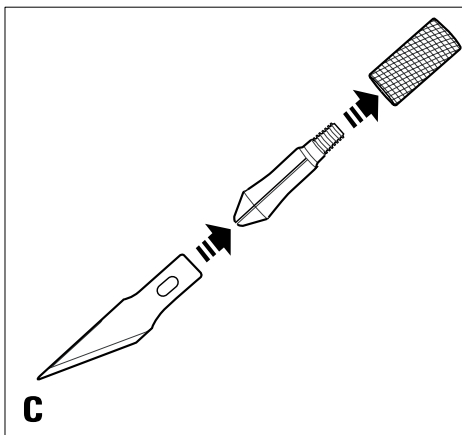
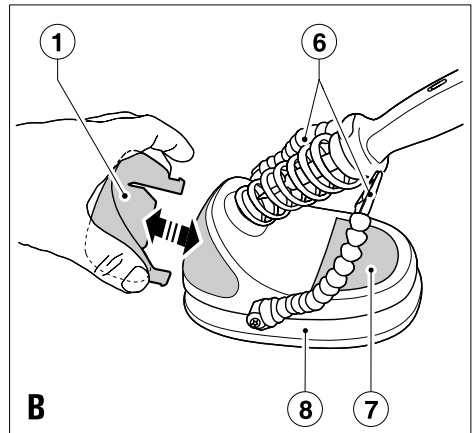
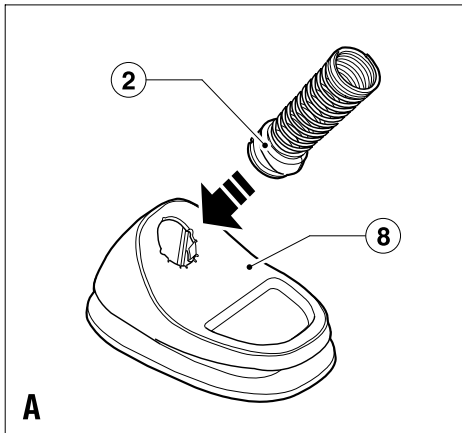


UK

Ireland

Australia

New Zealand



Intended use

Your Black & Decker craft soldering Iron has been designed for leisure and DIY activities in the home including soldering, woodburning, scrapbooking and image transfer.

This tool is intended for consumer use only.

Safety instructions

Warning! When using mains-powered appliances, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock, personal injury and material damage.

- ◆ Read all of this manual carefully before using the appliance.
- ◆ The intended use is described in this manual. The use of any accessory or attachment or the performance of any operation with this appliance other than those recommended in this instruction manual may present a risk of personal injury.
- ◆ Retain this manual for future reference.

Using your appliance

- ◆ Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- ◆ Do not expose the appliance to rain or wet conditions. Water entering the appliance will increase the risk of electric shock.
- ◆ Stay alert, watch what you are doing and use common sense when operating the appliance. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- ◆ Never pull the power supply cord to disconnect the plug from the socket. Keep the power supply cord away from heat, oil and sharp edges.
- ◆ If the power supply cord is damaged during use, disconnect the appliance from the power supply immediately. Do not touch the power supply cord before disconnecting from the power supply.
- ◆ Disconnect the appliance from the power supply when not in use, before fitting or removing parts and before cleaning.

Safety of others

- ◆ Do not allow children or any person unfamiliar with these instructions to use the appliance.
- ◆ Do not allow children or animals to come near the work area or to touch the appliance or power supply cord. Close supervision is necessary when the appliance is used near children.

After use

- ◆ Switch off and remove the plug from the socket before leaving the appliance unattended and before changing, cleaning or inspecting any parts of the appliance.
- ◆ When not in use, the appliance should be stored in a dry place. Children should not have access to stored appliances.

Inspection and repairs

- ◆ Before use, check the appliance for damaged or defective parts. Check for breakage of parts, damage to switches and any other conditions that may affect its operation.
- ◆ Do not use the appliance if any part is damaged or defective.
- ◆ Have any damaged or defective parts repaired or replaced by an authorised repair agent.
- ◆ Before use, check the power supply cord for signs of damage, ageing and wear.
- ◆ Do not use the appliance if the power supply cord or mains plug is damaged or defective.
- ◆ If the power supply cord or mains plug is damaged or defective it must be repaired by an authorised repair agent in order to avoid a hazard. Do not cut the power supply cord and do not attempt to repair it yourself.
- ◆ Never attempt to remove or replace any parts other than those specified in this manual.

Specific safety instructions for craft soldering irons

Warning! This appliance must be placed on the stand (8) when not in use.

DO NOT TOUCH THE HEATED TIP OF THE TOOL OR THE HOT MELTED SOLDER. The operating temperature of this appliance is approximately 465°C on the high (II) setting and 300°C on the low (I) setting.

The Heating element will begin to heat up as soon as the appliance is plugged in. To avoid injury or damage to property always assume that the appliance is hot and return it to the protective stand (8).

Before cleaning, adjustment or changing the attachments. Unplug the appliance and allow the attachment to cool.

Keep the appliance away from all flammable material. Be aware that this product may ignite material. Where this is a concern, test a piece of scrap material.

Never leave the appliance plugged in and unattended. After use, unplug the appliance, allow the attachment to cool and store in a safe place out of the reach of children.

Fumes resulting from heating materials for craft activities may be hazardous. Always work in a well ventilated area. Seek advice on the materials being used.

Do not dip the tool into a liquid.

Keep hands away from the heated attachment and work area. Heat may be conducted through the work piece. Use clamps or pliers to hold the work piece.

Protect the work surface and materials from heat damage. Heat may be conducted through the work piece. Use a heat resistant material to protect the work surface.

The operator should not attempt specialised applications or repairs (e.g. repairing electrical appliances) unless qualified or trained to do so.

This appliance is not a toy. Keep out of the reach of children.

Safety symbols marked on your appliance



Hot surface do not touch.

Electrical safety



This product must be earthed. Always check that the power supply corresponds to the voltage on the rating plate.

Power plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (Class 1) appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.

Extension cables & Class 1 product

- ◆ A 3-core cable must be used as your appliance is earthed and of Class 1 construction.
- ◆ Up to 30m (100 ft) can be used without loss of power.
- ◆ This appliance is not intended for use by young or infirm persons without supervision. Children must be supervised to ensure they do not play with the appliance.
- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Black & Decker Service Centre in order to avoid a hazard.

Features

1. Handy storage bin
2. Coiled spring support
3. Ready-for-use indicator
4. Temperature selector
5. Handle
6. Flexible arm grippers
7. Sponge
8. Soldering iron stand

Assembly

Warning! Before cleaning, adjustment or changing the attachments. Unplug the appliance and allow the attachment to cool.

Fitting the craft soldering iron support (fig. A)

Insert the coiled spring support (2) into the craft soldering iron stand (8) by aligning the protrusions on the support with the slots in the opening. Push the support straight in until it "clicks" into place.

Cable storage

The channel around the bottom of the stand (8) serves as a cord wrap for the cord.

Heating attachment storage (fig. B)

A handy storage (1) bin is built-in to the base of the craft soldering iron stand (8). To remove the bin from the base of the stand (8), press in on the sides and pull out.

Fitting and removal of a heating attachment

To fit a heating attachment to the craft soldering iron, select the attachment required. Ensure the attachment is clean and that the handle socket is free from debris.

Insert the threaded end into the craft soldering iron and rotate clockwise. Tighten by hand to secure. Do not use pliers or hand tools.

To remove the heating attachment, unplug the craft soldering iron and allow the attachment to cool. Rotate the tip anticlockwise.

Fitting and removing the knife point (fig. C)

Warning! Cut hazard. The knife blade is razor sharp. Use extra care when handling the knife blade at all times.

Place the knife into the holder, and then place the holder into the sleeve.

Carefully thread the assembly onto the craft soldering iron handle. Rotate the holder clockwise and hand-tighten.

To remove the knife point

Unplug the craft soldering iron and allow the attachment to cool. Rotate the holder anticlockwise.

Use

Warning! Be aware that this product may ignite material. Where this is a concern, test a piece of scrap material.

Turning the appliance on

To turn the appliance on, insert the plug into an appropriate socket. The heating element will begin to heat up as soon as the appliance is plugged in.

Heat selection (fig. D)

Push the switch (4) to select either the low (I) setting or high setting (II).

Use the high setting (II) for wood burning and soldering applications and the low setting (I) for iron-on/plastics, paper and fabric.

Ready for use indicator (fig. D)

A ready-for-use indicator (3) is built in to the handle (5) of the craft soldering iron.

At room temperature the indicator (3) is grey.

When the Iron has reached the low (I) setting (approximately 5 min.) the indicator (3) is yellow.

When the indicator (3) shows red, the tip has reached the high (II) temperature setting (approximately 10 min.).

Flexible arm grippers and sponge (fig. B)

Your craft soldering iron stand (8) includes two flexible arm grippers (6) for holding small work pieces. The clips which grip the work piece may become hot when heat is applied to the work piece. Allow the clips to cool before touching the grips or storing the craft soldering iron.

The sponge (7), located in the craft soldering iron stand (8), is helpful for keeping the interchangeable tips clean. The sponge (7) must be thoroughly dampened before use and checked frequently to make sure that it has not dried out.

Do not touch a dry sponge with a hot iron point. Avoid hot tip contact with the plastic parts of the stand (8).

Hints for optimum use

The basic instructions given below are provided as a guide to craft and DIY applications. The operator should practise the various applications on scrap materials to obtain the required effect and prevent damage to the work piece.

Warning! The operator should not attempt specialised applications or repairs (e.g. repairing electrical appliances) unless qualified or trained to do so.

Warning! Fumes resulting from soldering and craft activities may be hazardous. Always work in a well ventilated area. Seek advice on the materials being used.

Soldering

A soldered joint is a method of joining two pieces of thin metal wire or foil. The best results are obtained on metals such as copper, silver or steel. The materials are heated to a point where a lead/tin solder will melt onto the surface or into the joint.

A flux is required to clean the materials being joined and assist the solder flow. Solders can be purchased containing flux or the flux can be purchased separately. The operator is advised to seek advice on the application and solder type from the retailer when purchasing.

Set the craft soldering iron to the high setting (II) and wait until the ready-to-use indicator (3) shows red, indicating that the iron has reached the desired temperature.

Use wire wool or an abrasive paper to clean and remove any dirt, paint or rust from the materials to be joined.

Hold the soldering attachment against the larger work piece, near to the joint area. The objective is to heat the two work pieces until they are hot enough to melt the solder. Hold the solder against the work piece near the joint, but not touching the soldering attachment.

When the work piece is hot enough, the solder will flow into the joint. Remove the craft soldering iron as soon as the solder flows. Wipe the soldering attachment on the moistened sponge to remove excess solder.

Decoration

Use your craft soldering iron to decorate and personalize a variety of different materials by applying heat to the surface to remove part of the material or burn in markings.

- ◆ Use the high temperature (II) for wood, leather, gourds, heavy weight paper, paper-mache, wicker-rattan and heavy plastics.
- ◆ Use the low temperature (I) for lighter paper, no-nap fabric, thin plastics, foam, candle wax, and soaps.

Always practise on scrap material to obtain the required effect to prevent damage to the work piece.

Attachment identification and typical applications

UNIVERSAL (9) - Ideal for wide and thin lines in a variety of materials.

TEAR DROP (10) - Use for detail or large area shading. Make an easy flower design with this petal shape.

ROUND (11) - Ideal for dots, curves and cursive writing. Make a border on your next scrapbook page.

TAPERED (12) - Use for stencil cutting or detail wood burning applications.

Use the craft soldering iron in high (II) temperature to cut stencil blanks or plastics. The tapered tip can also be used for detail work on all the materials listed above.

SOLDERING (13) – Use the soldering tip in high (II) temperature for joining metal and wire e.g. for jewellery making & repair, assembling electronic kits.

HOT KNIFE (14) - Use a non heat conducting straight edge for straight cutting foam.

The hot knife is perfect for hot cutting and carving a variety of materials. Leather, rope, foam, matte board, plastics, candle wax & soap. Also use the hot knife to fuse recently cut materials to prevent fraying.

MINI-IRON (15) - Use for iron-ons, fusible webbing and tapes, applique quilting, seams and hems, paper crafts and image transfer.

Use the mini-iron in low (**I**) temperature to detail press paper, ribbon or fabrics. Also in low (**I**) temperature, the mini iron will transfer the toner from any black & white or colour photocopy or printout onto wood, glass, ceramic, paper or fabric.

Emboss fabrics with images from rubber stamps by placing the fabric "right side down" on the stamp and covering with a piece of paper and heating until the rubber stamp image appears on the paper.

Warning! Before cleaning, adjustment or changing the attachments. Unplug the appliance and allow the attachment to cool.

Maintenance

Your Black & Decker appliance has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper care and regular cleaning.

- ◆ Regularly clean the appliance using a damp cloth. Do not use any abrasive or solvent-based cleaner. Never let any liquid get inside the appliance and never immerse any part of the appliance into liquid.

Mains plug replacement (U.K. & Ireland only)

If a new mains plug needs to be fitted:

- ◆ Safely dispose of the old plug.
- ◆ Connect the brown lead to the live terminal in the new plug.
- ◆ Connect the blue lead to the neutral terminal.
- ◆ Connect the green/yellow lead to the earth terminal.

Warning! Follow the fitting instructions supplied with good quality plugs. Recommended fuse: 3 A.

Protecting the environment



Should you find one day that your appliance needs replacement, or if it is of no further use to you, think of the protection of the environment. Black & Decker repair agents will accept old Black & Decker tools and ensure that they are disposed of in an environmentally safe way.



Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

Black & Decker provides a facility for the collection and recycling of Black & Decker products once they have reached the end of their working life. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at: **www.2helpU.com**.

Technical data

		CI500
Voltage	Vac	230-240
Frequency	Hz	50
Rated Input	W	20
Temp high	°C	465
Temp low	°C	300
Construction	Class	1
Weight	kg	0.7

EC declaration of conformity

CI500

Black & Decker declares that these products conform to:
Standards & Legislation.

89/336/EEC, 73/23/EC, EN60335, EN55014, EN50336

Kevin Hewitt
Director of Consumer Engineering
Spennymoor, County Durham
DL16 6JG,
United Kingdom
31-09-2006

Guarantee

Black & Decker is confident of the quality of its products and offers an outstanding guarantee. This guarantee statement is in addition to and in no way prejudices your statutory rights. The guarantee is valid within the territories of the Member States of the European Union and the European Free Trade Area.

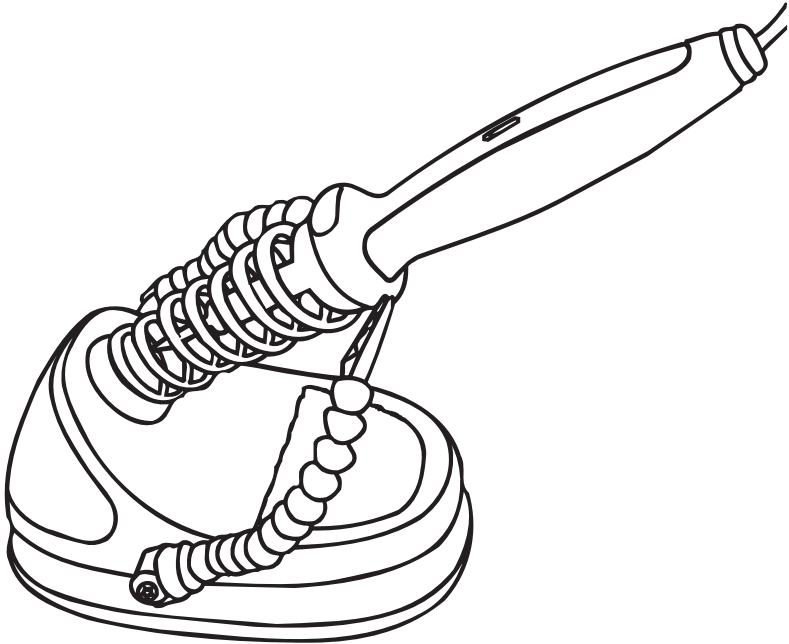
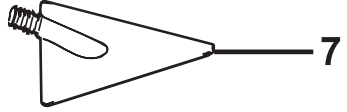
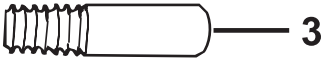
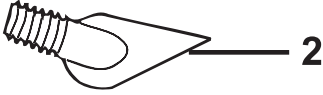
If a Black & Decker product becomes defective due to faulty materials, workmanship or lack of conformity, within 24 months from the date of purchase, Black & Decker guarantees to replace defective parts, repair products subjected to fair wear and tear or replace such products to make sure of the minimum inconvenience to the customer unless:

- ◆ The product has been used for trade, professional or hire purposes.
- ◆ The product has been subjected to misuse or neglect.
- ◆ The product has sustained damage through foreign objects, substances or accidents.
- ◆ Repairs have been attempted by persons other than authorised repair agents or Black & Decker service staff.

To claim on the guarantee, you will need to submit proof of purchase to the seller or an authorised repair agent. You can check the location of your nearest authorised repair agent by contacting your local Black & Decker office at the address indicated in this manual. Alternatively, a list of authorised Black & Decker repair agents and full details of our after-sales service and contacts are available on the Internet at:

www.2helpU.com

Please visit our website **www.blackanddecker.co.uk** to register your new Black & Decker product and to be kept up to date on new products and special offers. Further information on the Black & Decker brand and our range of products is available at **www.blackanddecker.co.uk**.



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