Panasonic

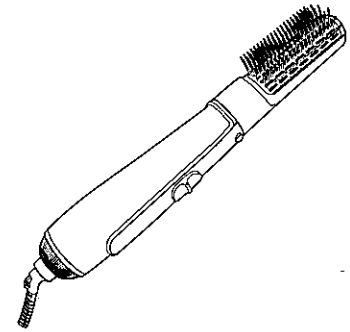
Operating Instructions
(Household) Hair Styler
Model No. EH-KE46/EH-KE16

English..... 3

中文 15

ไทย..... 27

Tiếng Việt 39



Panasonic

English

Operating Instructions
(Household) Hair Styler
Model No. EH-KE46/EH-KE16

Contents

Safety precautions..... 4
Parts identification 8
How to use the hair styler..... 9
How to use the attachments..... 9
Maintenance of the hair styler..... 11
Troubleshooting 13
Specifications 14

Thank you for purchasing this Panasonic product.
Before operating this unit, please read these instructions completely and save them for future use.

Safety precautions

To reduce the risk of injury, loss of life, electric shock, fire, malfunction, and damage to equipment or property, always observe the following safety precautions.

Explanation of symbols

The following symbols are used to classify and describe the level of hazard, injury, and property damage caused when the denotation is disregarded and improper use is performed.

⚠ **WARNING**	Denotes a potential hazard that could result in serious injury or death.
⚠ **CAUTION**	Denotes a hazard that could result in minor injury.

The following symbols are used to classify and describe the type of instructions to be observed.

⃠	This symbol is used to alert users to a specific operating procedure that must not be performed.
❗	This symbol is used to alert users to a specific operating procedure that must be followed in order to operate the unit safely.

⚠ WARNING

► Regarding the plug and cord

⃠ **Do not use with the cord bundled.**
- Doing so may cause fire or electric shock.

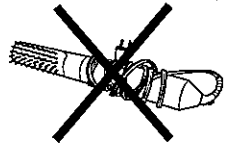
⃠ **Do not damage or modify, or forcefully bend, pull, or twist the cord.**
Also, do not place anything heavy on or pinch the cord.
- Doing so may cause electric shock or fire due to a short circuit.

⃠ **Do not use when the plug or cord is damaged or hot.**
Never use the appliance if the plug fits loosely in a household outlet.
- Doing so may cause burn, electric shock, or fire due to a short circuit.

⃠ **Do not connect or disconnect the plug to a household outlet with a wet hand.**
- Doing so may cause electric shock or injury.

⚠ WARNING

Do not wrap the cord around the main body when storing.
- Doing so may cause the wire in the cord to break with the load, and may cause electric shock or fire due to a short circuit.



Disconnect the plug by holding onto it instead of pulling on the cord.
- Failure to do so may cause the wire in the cord to break, and may cause burn, electric shock, or fire due to a short circuit.

Always turn OFF the power switch and disconnect the plug from the household outlet after use.
- Failure to do so may cause fire or burn.

Always ensure the appliance is operated on an electric power source matched to the rated voltage indicated on the appliance.
Fully insert the plug.
- Failure to do so may cause fire or electric shock.

► **In case of an abnormality or malfunction**

Immediately stop using and remove the plug if there is an abnormality or malfunction.
- Failure to do so may cause fire, electric shock, or injury.

<Abnormality or malfunction cases>
- **Air is not emitted**
- **Unit stops sporadically**
- **Interior becomes red hot and smoke is emitted**

- Immediately request inspection or repair at an authorized service center.

► **Maintenance**

When you see sparks around the air outlet while using the hot air setting, stop use and remove the lint on the air outlet and air inlet.
- Failure to do so may cause burn or fire.

Regularly clean the plug to prevent dust from accumulating.
- Failure to do so may cause fire due to insulation failure caused by humidity.
Disconnect the plug and wipe with a dry cloth.

► **Regarding the main body**

Do not block, or insert hair pins or other foreign objects into the air inlet, or air outlet.
- Doing so may cause fire, electric shock, or burn.

Do not leave the area with the power switch left on.
- Doing so may cause fire.

Do not use in proximity of flammable materials (such as alcohol, benzine, thinner, spray, hair care product, nail polish remover).
- Doing so may cause an explosion or fire.

⚠ WARNING

Never modify, disassemble, or repair.
- Doing so may cause ignition or injury due to abnormal operation.
  Contact an authorized service center for repair.

Do not store the appliance in a bathroom or location with high humidity. Also, do not place in a location where water may spill (such as top of a vanity).
- Doing so may cause electric shock or fire.

Do not use the appliance with a wet hand.
- Doing so may cause electric shock or fire due to a short circuit.

Do not store within the reach of children or infants. Do not let them use it.
- Doing so may cause burn, electric shock, or injury.

Do not immerse the appliance in water.
Do not use this hair styler near water.
Do not use this hair styler near bathtubs, showers, basins or other vessels containing water.
- Doing so may cause electric shock or fire.

This symbol on the hair styler means "Do not use this hair styler near water".

When the hair styler is used in a bathroom, unplug it after use since the proximity of water presents a hazard even when the hair styler is switched off.
- Failure to do so may cause an accident or injury.

For additional protection, the installation of a residual current device (RCD) having a rated residual operating current not exceeding 30 mA is advisable in the electrical circuit supplying the bathroom. Ask your installer for advice.
- Failure to do so may cause an accident or injury.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Failure to do so may cause an accident or injury.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.
- Failure to do so may cause an accident or injury.

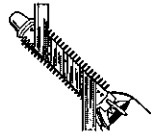
⚠ CAUTION

►To protect your hair

Do not curl too much hair around the attachment.
- Doing so may cause burns to the skin or hair.

⚠ CAUTION

Do not curl and uncurl hair diagonally as shown in the diagram. EH-KE46
- Doing so may cause hair to become tangled, resulting in damage or burns.



Do not use with the air inlet damaged.
- Doing so may cause the hair to become tangled in the air inlet, resulting in damage to the hair.

During use, be careful to prevent hair from being suctioned into the air inlet.
- Failure to do so may cause the hair to become tangled in the air inlet, resulting in damage to the hair.

► Note the following precautions

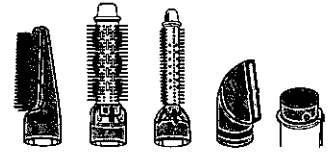
Do not store the cord in a twisted state.
- Doing so may cause the wire in the cord to break with the load, and may cause electric shock or fire due to a short circuit.

Do not drop or subject to shock.
- Doing so may cause electric shock or ignition.

Only use for drying or styling human hair. (Do not use on pets, or to dry clothing, shoes, etc.)
- Failure to do so may cause fire or burn.

Do not use on children or infants.
- Doing so may cause burn.

Do not touch the shaded area, which will become very hot during and immediately after use.
- Doing so may cause burn.

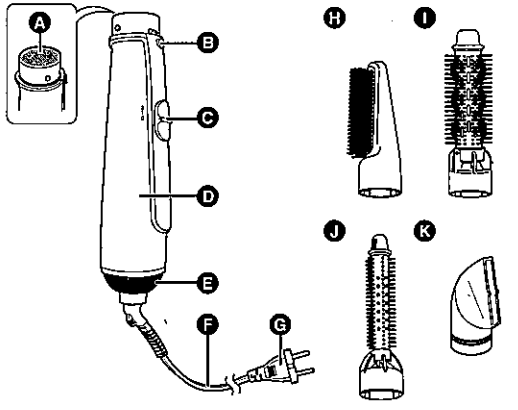


During use, do not spray hair spray etc. directly on the main body (including attachments).
- Doing so may cause fire, electric shock, or burn.

► Note

- This hair styler is equipped with an automatic overheating protective device. If the hair styler overheats, it will be turned off. Switch off the hair styler and unplug it from the power socket. Allow it to cool down for approximately 5 minutes before using it again. Check that no dust, hair etc. is in the air inlets and outlets before switching it on again.

Parts identification

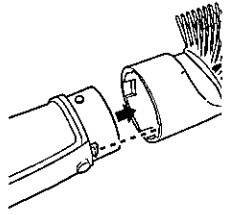


- **A Air outlet**
- **B Attachment release button**
- **C Power switch**
  - 2: Dry mode
  - 1: Set mode
  - 0: Off
- **D Main body**
- **E Air inlet (filter)**
- **F Cord**
- **G Plug (The shape of the plug differs depending on the area.)**
- **H Blow brush**
- **I Roller brush EH-KE46**
- **J Slim roller brush EH-KE46**
- **K Nozzle EH-KE46**

Fixing the attachment

Turn the power switch OFF when attaching and removing attachments.

Mounting the attachment
Align the attachment with the hair styler as shown. Ensure that the groove of the attachment and the hook of the body are aligned with each other. Insert the hair styler in the attachment until it clicks.



Removing the attachment
Press the attachment release button and pull out the attachment to remove it.

What is ion?

(ion generation method: High-voltage discharge)
Ions are the result of negatively charged oxygen molecules making contact with moisture in the air. Its diameter is smaller than 1/1000 of steam, and it cannot be seen with the naked eye.

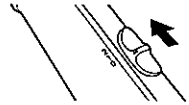
How ion works

Generally hair has properties which make it easy to become positively charged with electricity. When ions come into contact with hair, static electricity build up is reduced, and the hair becomes silky and easier to style.

How to use the hair styler

- Wipe excess moisture in the hair with a towel.
- Untangle hair with a brush or comb with your fingers.
- Attach an attachment, and insert the plug into an household outlet.
- If you have long or full hair, it may take some time to dry so we recommend drying the hair with a dryer.

1 Turn on the power switch.
- Select the either the "2" or "1" mode with the power switch.



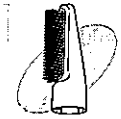
2 Blow the hair.

3 Turn the power switch OFF, and remove the plug from the household outlet.
- After the hair styler has cooled sufficiently, store in a location with low humidity.

Notes
- Check the hair styler periodically to ensure continued use. (See page 13.)
- If you use the hair styler with a spray product, it may absorb constituents of the spray and suffer a drop in performance. Do not use together with a spray product.

How to use the attachments

Blow brush



Hair is easier to blow dry when held by the ends and applying tension.

To dry your hair

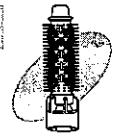
For straight hair
Hold the brush with your hand and move the hair styler downwards from the roots to the ends of your hair.

To curl the ends (hair styling)
Hold the brush with your hand while moving the hair styler slightly downward and rotating it in the direction of the desired curl.
- For inner curls: Rotate the brush toward you.
- For outer curls: Rotate the brush away from you.

► To prevent the tangling of hair
- Curl the hair no more than 1.5 times around the brush to prevent tangling.
  In case tangling does occur, use a hair styling product containing oil to untangle your hair.

English

Roller brush EH-KE46

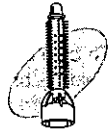


The roller is thick, which helps prevent hair from tangling when you release hair from the brush.

► For large curls
Rotate the brush to curl the hair approximately 1.5 times around the brush.

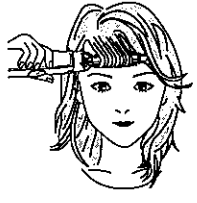
► For increasing volume
Gently grab the hair at the roots, and rotate the brush to lift the hair up while applying tension.

Slim roller brush EH-KE46



The roller is thin for easily curling bangs and short hair.
The bristles on the brush are short, which helps to prevent tangling when your release hair.

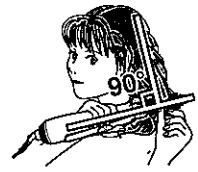
► To lift and curl bangs
Gently grab the roots of the bangs with brush, and curl the hair while rotating the brush.



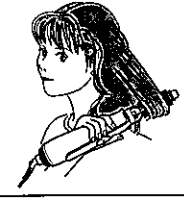
► To curl short hair
Gently grab the hair at the ends with the brush and curl the hair approximately 1.5 times around the brush.

► To prevent the tangling of hair

When curling
Take only a small amount of hair and roll the it at a right angle (90˚) 1.5 times around the brush to prevent tangling.



When releasing
Keep the roller as far away as possible from your head and unroll the roller at the same angle as your hair.



Nozzle EH-KE46

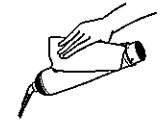
Use for overall drying.

Maintenance of the hair styler

- Make sure to check the air inlet and air outlet at least once every month, performing maintenance as needed. Dust or other foreign debris may build up and block these areas causing a degradation in performance as well as the following issues.
- When the hair styler is blowing hot air, occasionally it may turn off or sparks may be seen. In such cases, dust may have accumulated at the air inlet and/or the air outlet. Also, the air inlet may be being blocked by your hair, hands, etc. (This phenomenon is the result of the hair styler's thermal switch. It is a protective device. The sparks do not pose a danger in and/or themselves.) Slide the power switch to the "0" position and remove the dust if dust has accumulated, or if air inlet was blocked by your hair or hand, cool down the hair styler for approximately 5 minutes before using it again.
- Make sure to turn OFF the power switch and disconnect the plug from the household outlet. (Except when performing maintenance on the air outlet)

Maintaining the main body

Clean the housing only with a soft cloth slightly dampened with tap water or soapy tap water.



Notes
- Do not use thinner, benzine, alcohol or other chemicals.
  - Doing so may cause malfunction, cracking/discoloration of parts etc.
- Leaving the hair styler with hair products or makeup still adhered to the handle or body may degrade the plastic, causing discoloration or cracking, and malfunction.

Maintaining the attachments

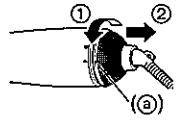
Remove dust and hair using a commercially available brush, and clean with a hair styling product.

Notes
- As a precaution, allow the hair styler to cool before removing attachments.
- After cleaning, allow the hair styler to dry sufficiently before use.

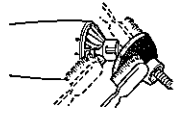
Maintaining the air inlet

Clean at least once a month.

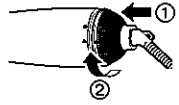
1. Remove the filter until it reaches the cord.
   • Rotate the filter rib (ⓐ) to the position marked ▷ on the main body to remove.



2. Remove dust or hair by using a brush or a vacuum cleaner.



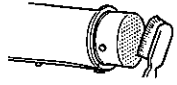
3. Attach the filter securely.
   • Align the filter on the main body to the position marked ▷ on the main body rotate until the filter rib is aligned to the position marked □ on the main body to secure.



Maintaining the air outlet

Clean at least once a month.

1. Remove the attachment from the main body.
2. Clean the air outlet using a brush as shown.



Notes
- As a precaution, do not cover the air inlet with your hand.
- After maintenance is finished, some dust may disperse the first time the hair styler is reused.
  Use the hair styler after first checking that dust has stopped dispersing.

Troubleshooting

Problem	Possible cause	Action
When using the hair styler, it turns off or sparks are seen. (These sparks are caused by the thermostat switch, the protective device, and this is not dangerous.)	Lint has accumulated on the air inlet or air outlet. Hair or something is blocking the air inlet.	Remove accumulated lint. (See page 12.)
The hot air is abnormally hot.		Do not block the air inlet.
The plug is abnormally hot.	The connection to the household outlet is loose.	Use a household outlet that fits securely.
You may notice a characteristic odor when using this hair styler.	This is caused by the ozone it generates and is not harmful to the human body.	
There is an abnormal sound or vibration.		If even one of these problems occurs, stop using the product and contact the store where you purchased it.
Air sometimes outputs and sometimes does not output when moving the main body.		
There is a burning smell.		
A portion of the plug or cord is abnormally hot.		
The main body or an attachment is partially deformed.		
The amount of air is low.		
Air is not emitted.		
The interior of the air outlet is red.		
The main body is abnormally hot. (turn the power switch OFF and check the hair styler)		

If the problems still cannot be solved, contact the store where you purchased the unit or a service center authorised by Panasonic for repair.

Specifications

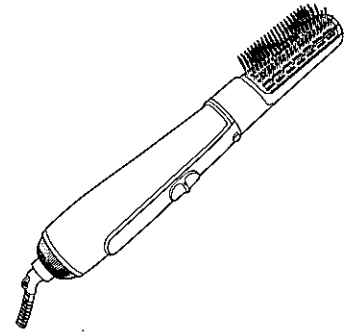
Product name	Hair Styler			
Product model	EH-KE46/EH-KE16			
Power source	220 V~ 50-60 Hz	230 V~ 50-60 Hz	240 V~ 50-60 Hz	240 V~ 50 Hz*
Power consumption	550 W	600 W	650 W	650 W
Accessories	Blow brush Roller brush EH-KE46, Slim roller brush EH-KE46, Nozzle EH-KE46			

*Only available in Kuwait and Qatar.
This product is intended for household use only.

Panasonic

Operating Instructions
(Household) Hair Styler
Model No. EH-KE46/EH-KE16

74.....فارسی
62.....عربي



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Printed in Thailand
EH9210KE166851 Y0914-0