

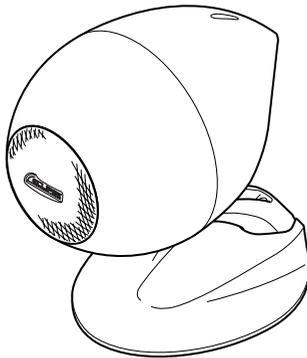


Speaker **TD307II**

Speaker for **TD307PAII**

Speaker for **TD307THII**

## OWNER'S MANUAL



Thank you for purchasing this speaker.

Please read this Owner's Manual before use.

Be particularly sure to read the Safety Instructions section before using the product.

Keep this Owner's Manual together with the warranty in a safe place for later reference.

**FUJITSU TEN**

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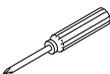
## Foreword

### Tools used (for ceiling installation)

- Have the following tools ready before commencing installation work.



- Allen key  
(Supplied with speaker, used for speaker angle adjustment)



- Phillips screwdriver



- Awl (or drill)



- Scissors



- Tape  
(Paper tape or similar)



- Screws (for securing speaker base to ceiling) X 4 or more



- Screw (for securing drop-prevention wire to ceiling) X 1

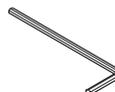
### Accessories



- ① Speaker X1



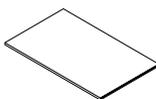
- ② Drop-prevention wire (hole thread diameter 5.2 mm) X1



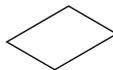
- ③ Allen key (For securing speaker) X1



- ④ Allen key (For speaker angle adjustment and securing drop-prevention wire to speaker) X1



- ⑤ Owner's Manual X1



- ⑥ Warranty



- ⑦ Logo sticker X1

This product is a speaker which has been designed using time domain theory.

[What is time domain theory?]

Time domain recreates the changes that occur in sound waves over time from the moment of output until their disappearance. Its purpose is to reproduce those sound waves that are as close as possible to the original recorded sound. Time domain audio systems which use time domain theory to improve sound reproduction allow sound orientation and the nuances that are added by recorded performers to be faithfully reproduced.

# For your safety in using this product

## Before use

The indicator symbols shown below are used in this manual and on the speaker to ensure proper and safe use of the product, prevent injuries and avoid damage to surrounding items. Please become familiar with these symbols and their associated information before proceeding to the assembly instructions of this manual.



### Warning

This "Warning" sign indicates a situation in which incorrect handling may result in death or serious personal injury.



### Caution

This "Caution" sign indicates a situation in which incorrect handling may result in personal injury or may result solely in damage to property.



### Warning

- If installing this unit high up off the floor, be sure to secure it adequately in place. If it is not secured adequately, it may fall down and cause injury.
- Do not open the cabinet of this product. It may cause electric shocks or injury. Consult a company customer service facility for interior inspection, adjustment or repair. In addition, do not attempt to modify this product yourself. It may cause fire or electric shocks.
- Do not use the unit in bathrooms, in areas exposed to rain, or in humid conditions. It may cause fire or electric shocks. Take care when using the unit in areas exposed to rain or snow, on the sea shore, or near water. Do not place flower vases, potted plants, cups, cosmetics, drugs, containers holding liquids, or small metal objects on or near this product. Do not insert foreign objects or liquids into the unit as such actions can cause fire or electric shock. Do not insert or drop metal or combustible objects or liquids into the cooling holes of this product. Such actions can cause fire or electric shock. (Use particular care in households where children are present.)



### Caution

- Place the unit on a level floor surface when assembling. If assembly is carried out on a surface which is not level, the speaker may fall down and cause injury.
- Do not drop or drag this unit while assembling or carrying it. If it is dropped or dragged, it may cause injury or damage to floor surfaces.
- Install this product securely on a level floor surface. If it is installed in an unstable location, it may fall down and cause injury.
- Do not use the unit as a step or hanger. Take particular care of this children are around. It may fall over or break and cause injury.
- After installing the speaker, periodically check the angle bracket and speaker bracket for any looseness, and tighten them if required as a safety measure.

# Cautions on use

Always be sure to minimize the volume before turning on the power and before switching input. Sudden high volume output can damage the connected speaker system.

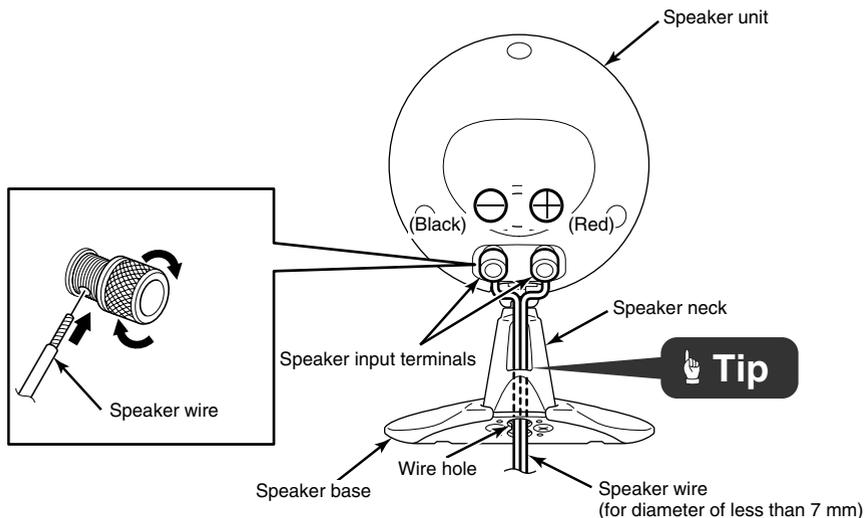
Even pleasant music can be a disturbance at times. To avoid disturbance in your neighborhood, enjoy your unit at an appropriate volume. Remember that at night, even low volume carries into surrounding areas. Help to maintain a pleasant living environment.

Always be sure to turn off the power for the amplifier before connecting speaker systems. If a speaker wire is inadvertently shorted, the protection circuit in the amplifier will operate, and audio output will stop temporarily. In this event, disconnect the amplifier's power cord from the outlet, correct the shorted area and reconnect the power cord to the outlet.

Be careful not to let this product fall over.

Clean this product by wiping it gently with a soft cloth moistened in neutral detergent. Do not use liquid solvents such as alcohol or thinner to clean this product.

# Part names and connections



## ⚠ Caution

When connecting the speaker wires, insert the ends of the speaker wires correctly so that they do not touch neighboring terminals, otherwise it may cause short-circuits.

## 👉 Tip

If the speaker wires are routed through the wire holes in the speaker base and speaker neck, they will not easily be visible from outside, which will improve the outer appearance of the speaker. (For speaker wires with a diameter of less than 7 mm) If the diameter of the speaker wires is 7 mm or more, the wires will not pass through the speaker neck and so you should route them outside the neck.

# Installing the speaker

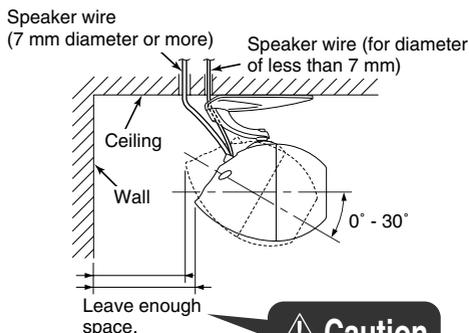
This speaker can be installed and used on a floor, and it can also be installed to a ceiling or wall. If installing to a ceiling or wall, use screws (sold separately) to install it and also be sure to install the drop-prevention wire.

## ⚠ Caution

- Be sure to read this owner's manual thoroughly before carrying out installation and connecting the wires.
- If installation methods or non-standard parts not specified in this owner's manual are used, accidents or injury may result.
- Specialized knowledge is required in order to install the speaker to a ceiling or wall. Ask a qualified technician to install the speaker in such cases.
- Installation of the speaker should always be carried out by two or more people.
- The screws to be used for installing the speaker and drop-prevention wire to a ceiling are not included with the speaker. (Speaker installation hole diameter: 7 mm)

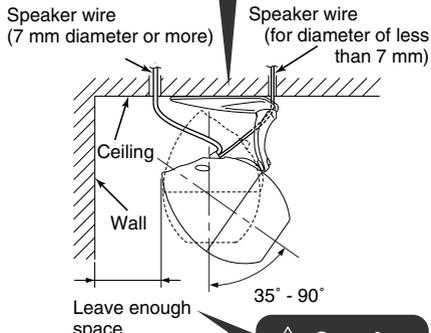
## ■ Example of installation to a ceiling or wall

### Example 1.



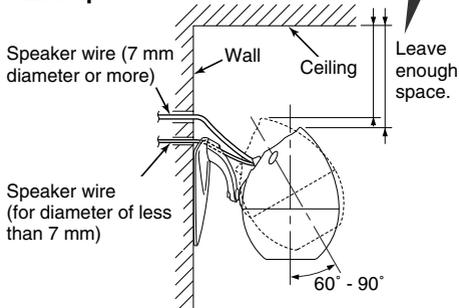
## ⚠ Caution

### Example 2.



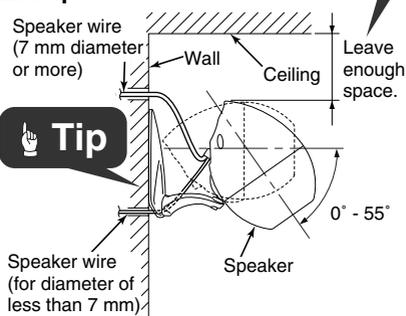
## Tip

### Example 3.



## ⚠ Caution

### Example 4.



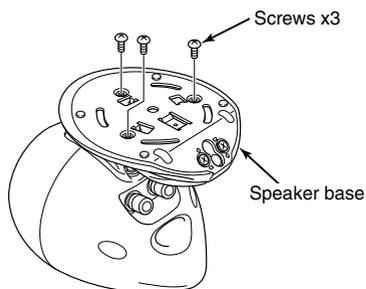
## Tip

## Tip

- The forward/back direction of the base will be reversed.
- In the case of example 2 and example 4, it will be necessary to adjust the assembly positions of the speaker base and speaker neck. Refer to page 12 for details on changing the assembly positions.

## ⚠ Caution

Be sure to leave some space in between the speaker and the wall so that the speaker and wall do not touch.

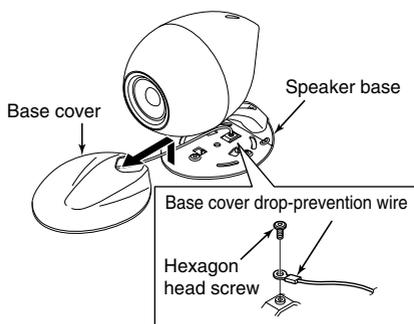


- 1 Remove the screws from the bottom of the speaker base.



**Tip**

The screws which are removed will not be used. Give them to the customer to keep safely.

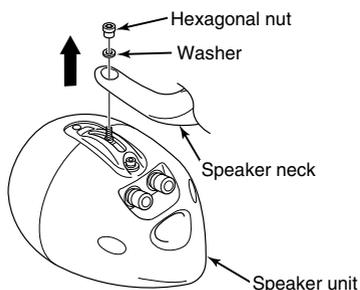


- 2 Remove the base cover.
- 3 Remove the hexagon head screw which is used for securing the base cover drop-prevention wire from the speaker base.



**Tip**

The hexagon head screw which is removed will be used later. Be careful not to lose the hexagon head screw after removing it.

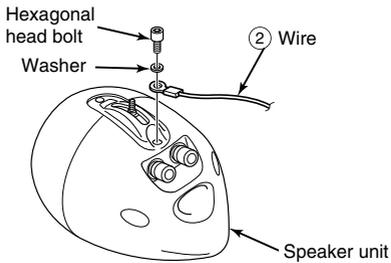


- 4 Remove the hexagonal nut and washer which are securing the speaker unit and speaker neck together.
- 5 Remove the speaker neck from the speaker unit.



**Caution**

The speaker unit is heavy, so use care when removing it.



**6** Install the drop-prevention wire to the speaker unit.

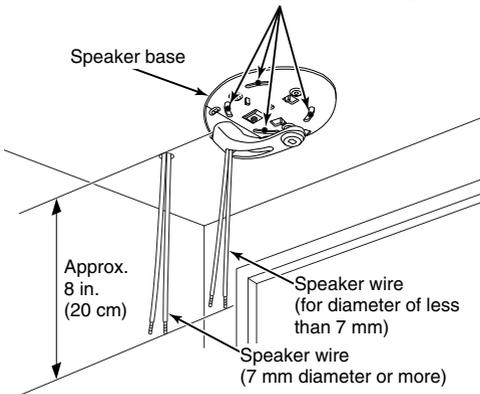
**Caution**

- Attach the drop-prevention wire securely to the speaker so that the speaker will not fall down.
- Use the hexagonal head bolt and washer which were removed from the speaker earlier to secure the wire to the speaker.

**Tip**

Steps **7** and after are followed when using installation example 1 or example 3. Furthermore, the diagram shows example 1. For example 2 and example 4, refer to the installation example shown in step 6, and make sure that the speaker base is facing the right way and that the speaker wires are positioned correctly.

Make marks for the speaker base mounting holes.

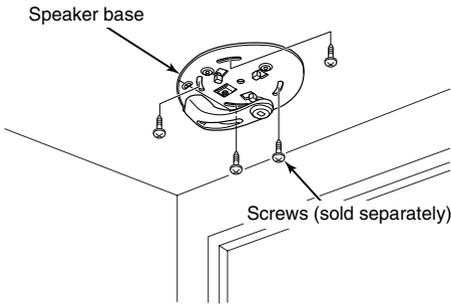


**7** Use the speaker base to determine the speaker installation position on the ceiling inside the room, and then use an awl or similar tool to mark the positions of the speaker base mounting holes on the ceiling.

**Tip**

When marking the positions of the speaker base mounting holes on the ceiling, attach the speaker base to the ceiling with tape to make working easier.

**8** Remove the speaker base from the ceiling.



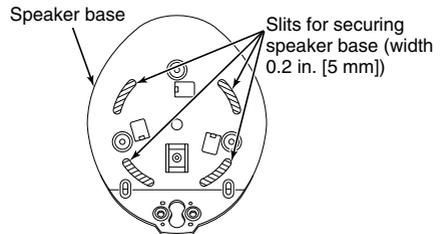
**9** Install the speaker base at the speaker installation position using the screws (sold separately).

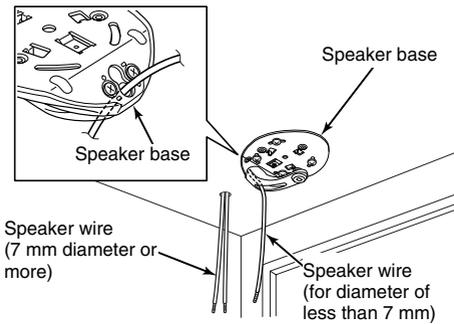
**Caution**

- Install the speaker neck and speaker base securely so that the speaker will not fall down.
- The screws which are used to install the speaker to the ceiling or wall are not provided with the speaker, so purchase them separately.
- When installing the speaker base to the ceiling or wall with the screws, do not tighten the screws too tightly, otherwise it will bend the speaker base and it may not be possible to attach the base cover.

**Tip**

- When installing the speaker base to the ceiling or wall, vary the positions and number of screws used in accordance with the strength of the ceiling or wall and the locations of beams.
- When installing the speaker base to the ceiling or wall, use the slits indicated by  to insert the screws (sold separately).
- When installing the speaker base to the wall or ceiling, provisionally attach the speaker base to the ceiling with tape to make work easier.

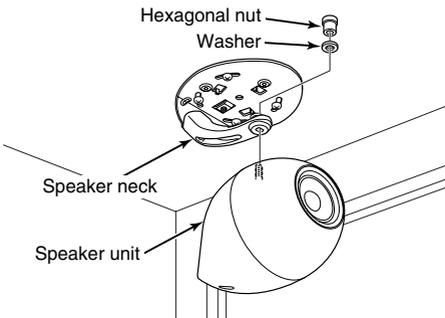




**10** Route the speaker wires.

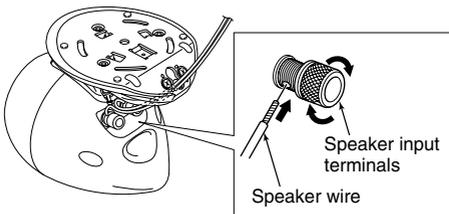
**Tip**

- To make it easier to connect the speaker wires to the speaker, leave about 8 inches (20 cm) of speaker wire hanging out.
- The speaker wires can be passed through the speaker base and the speaker neck which will improve the outer appearance of the speaker. (for diameter of less than 7 mm)



**11** Securely install the speaker neck to the speaker unit.

For diameter of less than 7 mm

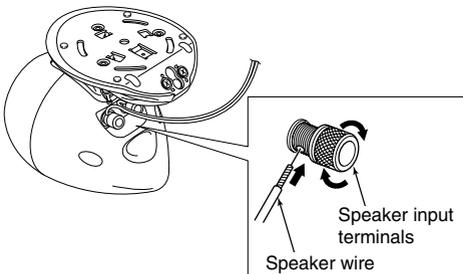


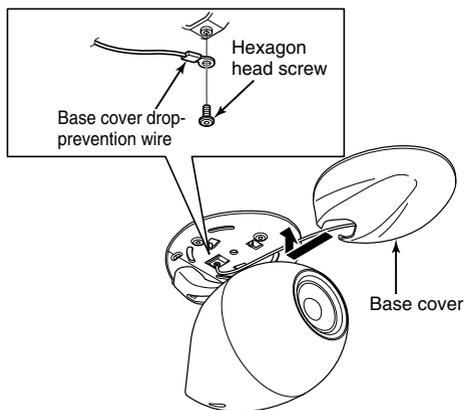
**12** Connect the speaker wires to the speaker input terminals.

**Caution**

When connecting the speaker wires, insert the ends of the speaker wires correctly so that they do not touch neighboring terminals, otherwise it may cause short-circuits.

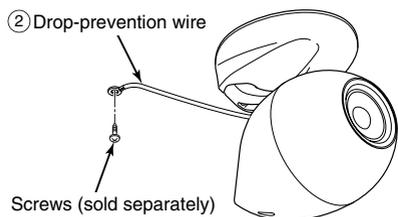
7 mm diameter or more





**13** Install the base cover drop-prevention wire to the speaker base by carrying out step **3** in reverse.

**14** Install the base cover to the speaker base.



**15** Install the drop-prevention wire to the ceiling.

**Caution**

Install the drop-prevention wire securely to the ceiling so that the speaker will not fall down.

**Tip**

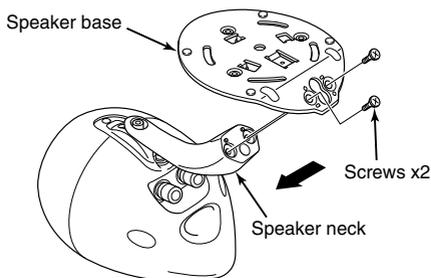
Install the drop-prevention wire to the ceiling in a place it can reach which is strong, such as a beam location.

# Adjusting the speaker base and speaker neck assembly positions



## Tip

The TD307 II speaker can be installed in a variety of layouts by changing the way the speaker base and speaker neck are installed.



## Tip

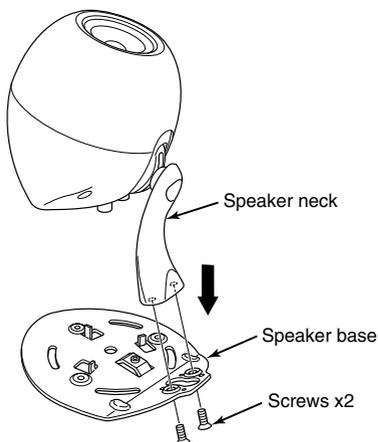
When disassembling the speaker, refer to steps **1** to **3** in "Installing the speaker" on page 7.

- 1** Remove the screws which are securing the speaker neck to the speaker base.
- 2** Remove the speaker neck from the speaker base.



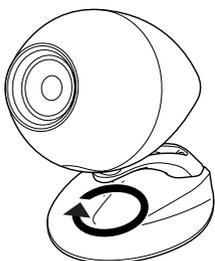
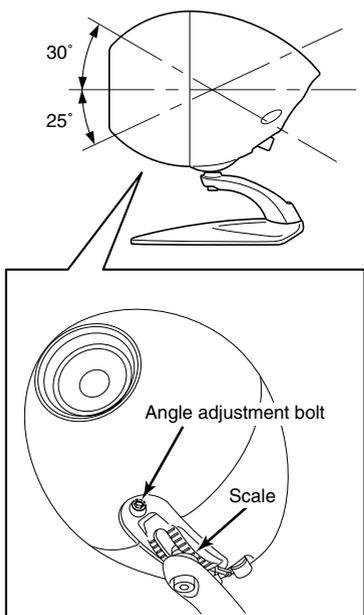
## Caution

The speaker is heavy, so use care when removing it.



- 3** Change the direction of the speaker neck and install it to the speaker base.

# Adjusting the speaker angle



360° rotation

- 1** Use the Allen key which is supplied with the speaker to loosen the angle adjustment bolt underneath the speaker.



## Tip

The speaker is heavy, so hold it with your hand when adjusting the angle.

- 2** Set the speaker to the desired angle.



## Tip

The vertical angle of the speaker can be adjusted 25° downward and 30° upward from the horizontal. If the speaker is installed to a ceiling or wall, refer to step 6 for the vertical angle adjustment range. The horizontal angle adjustment range is 360°.

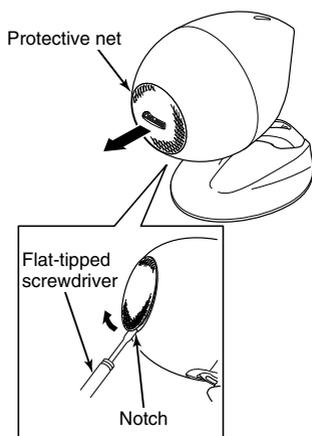
- 3** Securely tighten the angle adjustment bolt.

# Removing the protective net



## Tip

You can remove the protective net of the speaker if desired.



- 1** Insert the end of a flat-tipped screwdriver into the notch of the protective net, and lever it upward to lift up the protective net.



## Caution

Be careful not to damage the paper of the speaker cone or the speaker housing when using a flat-tipped screwdriver.

- 2** Remove the protective net.

# Cleaning/Specifications

## ■ Cleaning

Before cleaning this product, make sure that the power is turned off and the power cord is disconnected from the wall outlet.

Clean this product gently with a soft cloth. If the speaker is particularly dirty, moisten the cloth and wring out before use. Complete by wiping with a soft, dry cloth.

Do not use liquid solvents such as alcohol or thinner to clean this product, as such chemicals can damage the cabinets.



## ■ Specifications

Specifications and appearance are subject to change without prior notification.

### ● Speaker

Diameter: 6.5 cm

Degaussing grade: EIAJ I grade

Type: Bass ref/box

Input resistance: Rated 12 W/Maximum 24 W

Impedance: 8  $\Omega$

Dimensions: 130 mm(W) x 176 mm(D) x 195 mm(H)

Weight: Approx. 3 1/2 lbs. (1.5 kg)

## ■ If problems with operation occur

If this product is subjected to strong interference (such as power supply voltage abnormalities resulting from strong shocks, static electricity or exposure to rain), or if it is used incorrectly, it may stop working or other problems may occur.

If this happens, press the POWER button at the amplifier once to turn of the power.

Turn the power back on and check if operation returns to normal.

(If the problem continues to occur, contact the place of purchase.)

# Warranty and after-sales service

## ■ Warranty (included)

Read the warranty conditions carefully and then keep the warranty in a safe place.

### Warranty period

The warranty period is one year from the date of purchase.

Some charges may be incurred for work done on the speaker even within the warranty period, so be sure to read the warranty conditions carefully.

## ■ Minimum supply period for replacement performance parts

The minimum supply period for replacement performance parts for this product 8 years from the date manufacturing ends.

This period is specified by the Japanese Ministry of Economy, Trade and Industry.

Replacement performance parts are those parts which are necessary to maintain proper performance of the product.

## ■ When asking for repairs

During the warranty period

Hand over the warranty when asking for repairs.

Repairs will be carried out according to the warranty conditions.

If the warranty period has elapsed

If repairs are possible, they will be carried out if requested but a charge will be incurred.

## ■ For repairs and inquiries regarding this product

Please contact the place of purchase or the nearest service center listed on the separate sheet.

We hope you enjoy many years of listening pleasure!	
<b>Regular checks</b> 	<p>Do any of the following symptoms occur?</p> <ul style="list-style-type: none"><li>•Power cord and plug are abnormally warm</li><li>•A disagreeable odor is noticed</li><li>•The power cord has deep gouges or is warped</li><li>•Any other abnormalities or problems</li></ul>



<p>Stop using the product</p> <p>In order to prevent operating problems or accidents, turn off the power switch, disconnect the power cord from the outlet and be sure to ask for inspection to be carried out. Contact the place of purchase to ask about costs for inspection and repairs.</p>
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