## Read this first!

WARNING: THIS APPARATUS MUST BE EARTHED.

**WARNING:** To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or moisture.

This device is not intended for use in the direct field of view at visual display workplaces. To avoid incommoding reflexions at visual display workplaces this device must not be placed in the direct field of view.

The equipment is not intended for used at a video workstation in compliance BildscharbV.

The sound pressure level at the operator position is equal or less than 70 dB (A) according to ISO 7779.

#### WARNING:

- 1. Remove the plug from the mains socket when this unit is not in use for a prolonged period of time.
- 2. To prevent electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.
- 3. Do not remove the earthing pin on the mains plug. This apparatus is equipped with a three prong earthingtype mains plug. This plug will only fit an earthing-type mains socket. This is a safety feature. If you are unable to insert the plug into the mains socket, contact an electrician. Do not defeat the purpose of the earthing plug.

#### WARNING:

This equipment is compliant with Class A of CISPR32. In a residential environment this equipment may cause radio interference.

#### (for Taiwan)

#### WARNING:

This equipment complies with the Class A standard of CNS15936. To avoid radio frequency interference, this equipment should not be installed or used in a residential environment.

**CAUTION:** To assure continued compliance, follow the attached installation instructions. This includes using the provided power cord and shielded interface cables when connecting to computer or peripheral devices. Also, any unauthorized changes or modifications to this equipment could void the user's authority to operate this device.

This is a device to project images onto a screen, etc., and is not intended for use as indoor lighting in a domestic environment.

Directive 2009/125/EC

**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING: RISK OF ELECTRIC SHOCK. DON'T OPEN



Indicated on the projector



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

**WARNING:** Do not look at the light emitted from the lens while the projector is being used. As with any bright source, do not stare into the direct beam, RG2 IEC 62471-5:2015.

Indicated on the projector

## (for USA and Canada)

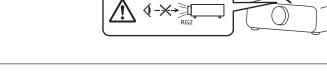
**WARNING:** MOUNT ABOVE THE HEADS OF CHILDREN. The use of a ceiling mount is recommended with this projector to place it above the eyes of children.

Laser Notice No.57

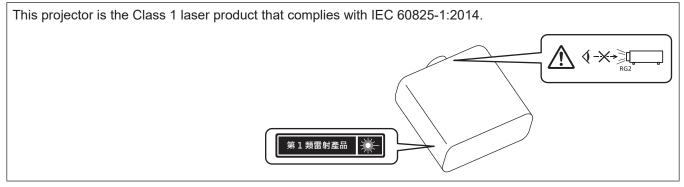
## Notice on laser

### (for USA and Canada)

This projector is the Class 1 laser product that complies with IEC 60825-1:2014.

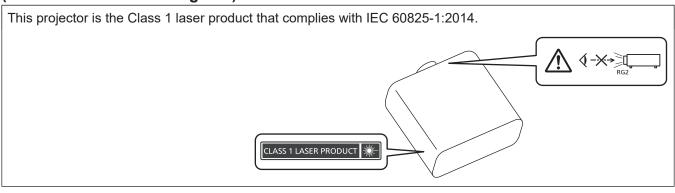


### (for Taiwan)



#### **Read this first!**

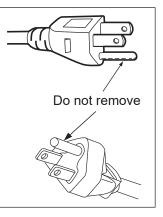
### (for other countries or regions)



**CAUTION:** Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

### CAUTION (North/Middle/South America, Taiwan)

This equipment is equipped with a three-pin grounding-type power plug. Do not remove the grounding pin on the power plug. This plug will only fit a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician. Do not defeat the purpose of the grounding plug.



### WARNING (USA and Canada)

- Not for use in a computer room as defined in the Standard for the Protection of Electronic Computer/Data Processing Equipment, ANSI/NFPA 75.
- For permanently connected equipment, a readily accessible disconnect device shall be incorporated in the building installation wiring.
- For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

### **NOTIFICATION** (Canada)

This class A digital apparatus complies with Canadian ICES.

## For USA-California Only

This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate

## **EU Only**



This CE mark covers the battery(ies) supplied with the product and indicates that the battery(ies) comply with the requirements of the Battery Regulation (EU) 2023/1542.

### WARNING

#### THIS PRODUCT CONTAINS A COIN BATTERY

• INGESTION HAZARD: This product contains a button cell or coin battery.



- DEATH or serious injury can occur in 2 hours or less if swallowed or placed inside any part of the body.
- The battery is hazardous, KEEP new and used batteries OUT OF REACH of CHILDREN
- Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.

## FCC NOTICE (USA)

#### Supplier's Declaration of Conformity

Model Number:	PT-RQ7LB / PT-RQ6LB / PT-RZ7LB / PT-RZ7LW / PT-RZ6LB / PT-RZ6LW	
Trade Name:	Panasonic	
Responsible Party:	Panasonic Corporation of North America	
Address:	Two Riverfront Plaza, Newark, NJ 07102-5490	
General Contact:	http://www.panasonic.com/support	
Projector Contact:	855-772-8324 or projectorsupport@us.panasonic.com	

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### Caution:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

#### FCC Warning:

To assure continued compliance, follow the attached installation instructions. This includes using the provided power cord and shielded interface cables when connecting to computer or peripheral devices. Also, any unauthorized changes or modifications to this equipment could void the user's authority to operate this device.

## IMPORTANT: THE MOLDED PLUG

#### FOR YOUR SAFETY, PLEASE READ THE FOLLOWING TEXT CAREFULLY.

This appliance is supplied with a molded three pin mains plug for your safety and convenience. A 13 amp fuse is fitted in this plug. Should the fuse need to be replaced, please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark or the BSI mark on the body of the fuse.

If the plug contains a removable fuse cover, you must ensure that it is refitted when the fuse is replaced. If you lose the fuse cover, the plug must not be used until a replacement cover is obtained. A replacement fuse cover can be purchased from an Authorized Service Center.

If the fitted molded plug is unsuitable for the mains socket in your home, then the fuse should be removed and the plug cut off and disposed of safely. There is a danger of severe electrical shock if the cut off plug is inserted into any 13 amp socket.

If a new plug is to be fitted, please observe the wiring code as shown below. If in any doubt, please consult a qualified electrician.

#### WARNING: THIS APPLIANCE MUST BE EARTHED.

**IMPORTANT:** The wires in this mains lead are colored in accordance with the following code:

Green - and - Yellow: Earth Blue: Neutral Brown: Live

As the colors of the wire in the mains lead of this appliance may not correspond with the colored markings identifying the terminals in your plug, proceed as follows.

The wire which is colored GREEN - AND - YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol  $\frac{1}{2}$  or colored GREEN or GREEN - AND - YELLOW.

The wire which is colored BLUE must be connected to the terminal in the plug which is marked with the letter N or colored BLACK.

The wire which is colored BROWN must be connected to the terminal in the plug which is marked with the letter L or colored RED.

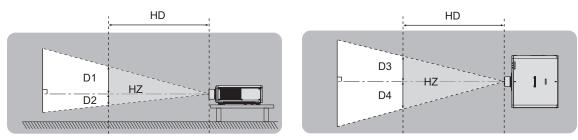
How to replace the fuse: Open the fuse compartment with a screwdriver and replace the fuse.



## ■ Hazard distance (IEC 62471-5:2015)

The distance from the projection lens surface, at which the emission reaches the Accessible Emission Limit (AEL) of risk group 2, is known as the hazard distance (HD) or safety distance. The area where the emission exceeds the Accessible Emission Limit of risk group 2 is called the hazard zone (HZ).

Within the hazard zone, never look into the light projected from the projector. The eyes may be damaged by direct irradiation even if you look at the light just for a moment. If you are outside the hazard zone, it is considered to be safe in all circumstances except deliberately staring into the light projected from the projector.





## Risk group

The combination of the projector and the projection lens is categorized as risk group 2 when the hazard distance is 1 m (39-3/8") or less. It is categorized as risk group 3 when the hazard distance exceeds 1 m (39-3/8"), and it will be for professional use instead of consumer use.

In case of risk group 3, there is a possibility of damaging the eyes by direct irradiation when looking into the projection light from inside the hazard zone even for a moment.

In the case of risk group 2, safe use without damaging the eyes is possible in all circumstances except deliberately staring into the light projected from the projector.

The combination of the projector and the projection lens which the hazard distance exceeds 1 m (39-3/8") and is categorized as risk group 3 is as follows.

Projection lens Model No.	Risk group
ET-DLE350	Diek group 2*1
ET-DLE450	Risk group 3*1

<sup>\*1</sup> When the projector is used with the optional Zoom Lens (Model No.: ET-DLE350, ET-DLE450) attached, the hazard distance exceeds 1 m (39-3/8"), and regardless of the use condition, the throw ratio is larger than 2.0:1. In this case, it is categorized as the risk group 3.



Indicated on the projector

Each dimension inside the hazard zone for combination with projection lens which the hazard distance exceeds 1 m (39-3/8") is as follows.

	(Unit: m)				
Projection lens Model No.	HD <sup>*1</sup>	D1*2	D2*2	D3*2	D4*2
ET-DLE350	1.7	0.23	0.23	0.25	0.25
ET-DLE450	2.1	0.18	0.18	0.20	0.20

\*1 HD: Hazard Distance

\*2 The values of D1 to D4 will change in accordance with the lens shift amount. Each value in the table is the maximum value.

#### Note

• The value in the table is based on IEC 62471-5:2015.

• Projection lens compatible with the projector may be added or changed without prior notice. For the latest information, visit the following website. https://docs.connect.panasonic.com/projector

#### Attention

• If the light projected from the projector directly enters the eyes while you are inside the hazard zone, the retinas may be damaged. Do not enter within the hazard zone during use. Alternatively, install the projector in a location where the projected light will not directly enter the eyes.

## WARNING:

## POWER

# The wall outlet or the circuit breaker shall be installed near the equipment and shall be easily accessible when problems occur. If the following problems occur, cut off the power supply immediately.

Continued use of the projector in these conditions will result in fire or electric shock, or will cause visual impairment.

- If foreign objects or water get inside the projector, cut off the power supply.
- If the projector is dropped or the cabinet is broken, cut off the power supply.
- If you notice smoke, strange smells or noise coming from the projector, cut off the power supply. Please contact an Authorized Service Center for repairs, and do not attempt to repair the projector yourself.

### During a thunderstorm, do not touch the projector or the cable.

Electric shocks can result.

#### Do not do anything that might damage the power cord or the power plug.

If the power cord is used while damaged, electric shocks, short-circuits or fire will result.

• Do not damage the power cord, make any modifications to it, place it near any hot objects, bend it excessively, twist it, pull it, place heavy objects on top of it or wrap it into a bundle.

Ask an Authorized Service Center to carry out any repairs to the power cord that might be necessary.

#### Do not use anything other than the provided power cord.

Failure to observe this will result in electric shocks or fire. Please note that if you do not use the provided power cord to ground the device on the side of the outlet, this may result in electric shocks.

#### **Completely insert the power plug into the wall outlet and the power connector into the projector terminal.** If the plug is not inserted correctly, electric shocks or overheating will result.

• Do not use plugs which are damaged or wall outlets which are coming loose from the wall.

#### Do not handle the power plug and power connector with wet hands.

Failure to observe this will result in electric shocks.

#### Use an outlet supporting 15 A independently.

Using an outlet together with another device may result in fires due to heat generation.

#### Do not overload the wall outlet.

If the power supply is overloaded (ex., by using too many adapters), overheating may occur and fire will result.

#### Clean the power plug regularly to prevent it from becoming covered in dust.

Failure to observe this will cause a fire.

- If dust builds up on the power plug, the resulting humidity can damage the insulation.
- If not using the projector for an extended period of time, pull the power plug out from the wall outlet.
- Pull the power plug out from the wall outlet and wipe it with a dry cloth regularly.

### ON USE/INSTALLATION

#### Do not place the projector on soft materials such as carpets or sponge mats.

Doing so will cause the projector to overheat, which can cause burns, fire or damage to the projector.

## Do not set up the projector in humid or dusty places or in places where the projector may come into contact with oily smoke or steam.

Using the projector under such conditions will result in fire, electric shocks or deterioration of components. Oil may also distort the plastic and the projector could fall such as when mounted on the ceiling.

## Do not install this projector in a place which is not strong enough to take the full weight of the projector or on top of a surface which is sloped or unstable.

Failure to observe this will cause projector to fall down or tip over the projector, and severe injury or damage could result.

#### Do not install the projector in a location where people pass through.

People may bump into the projector or trip on the power cord, which may result in fire, electric shock, or injury.

## Install the projector in a location sufficiently away from surrounding walls and objects so that air ventilation is not obstructed.

Failure to observe this will cause the projector to overheat, which can cause fire or damage to the projector.

- Do not place the projector in narrow, badly ventilated places.
- For details, refer to "Cautions when setting up the projector" ( $\Rightarrow$  page 24).
- Do not place the projector on cloth or papers, as these materials could be drawn into the intake vent.

## WARNING:

Do not look at or place your skin into the light emitted from the lens while the projector is being used. Do not enter the projection luminous flux using an optical device (such as magnifier or mirror). Doing so can cause burns or loss of sight.

- Strong light is emitted from the projector's lens. Do not look at or place your hands directly into this light.
- Be especially careful not to let young children look into the lens. In addition, turn off the power and switch
  off the main power when you are away from the projector.

#### Do not project an image with the lens cover attached.

Doing so can cause fire.

#### Never attempt to remodel or disassemble the projector.

High voltages can cause fire or electric shocks.

• For any inspection, adjustment and repair work, please contact an Authorized Service Center.

## Do not allow metal objects, flammable objects, or liquids to enter inside of the projector. Do not allow the projector to get wet.

Doing so may cause short circuits or overheating, and result in fire, electric shock, or malfunction of the projector.

- Do not place containers of liquid or metal objects near the projector.
- If liquid enters inside of the projector, consult your dealer.
- Particular attention must be paid to children.

#### Use the ceiling mount bracket specified by Panasonic Connect Co., Ltd.

Using the ceiling mount bracket other than the specified one will result in falling accidents.

• Attach the supplied safety cable to the ceiling mount bracket to prevent the projector from falling down.

## Installation work such as mounting the projector on the ceiling should only be carried out by a qualified technician.

If installation is not carried out and secured correctly, it can cause injury or accidents, such as electric shocks.

#### ACCESSORIES

#### Do not use or handle the batteries improperly, and refer to the following.

Failure to observe this will cause burns, batteries to leak, overheat, explode or catch fire.

- Do not use unspecified batteries.
- Do not charge dry cell batteries.
- Do not disassemble dry cell batteries.
- Do not heat the batteries or place them into water or fire.
- Do not allow the + and terminals of the batteries to come into contact with metallic objects such as necklaces or hairpins.
- Do not store or carry batteries together with metallic objects.
- Store the batteries in a plastic bag and keep them away from metallic objects.
- Make sure the polarities (+ and –) are correct when inserting the batteries.
- Do not use a new battery together with an old battery or mix different types of batteries.
- Do not use batteries with the outer cover peeling away or removed.

#### If the battery fluid leaks, do not touch it with bare hands, and take the following measures if necessary.

- Battery fluid on your skin or clothing could result in skin inflammation or injury.
- Rinse with clean water and seek medical advice immediately.
- Battery fluid coming in contact with your eyes could result in loss of sight.
   In this case, do not rub your eyes. Rinse with clean water and seek medical advice immediately.

#### Do not allow children to reach the batteries.

Accidentally swallowing them can cause physical harm.

• If swallowed, seek medical advice immediately.

#### Remove the depleted batteries from the remote control promptly.

• Leaving them in the unit may result in fluid leakage, overheating, or explosion of the batteries.

## CAUTION:

## POWER

#### When disconnecting the power cord, be sure to hold the power plug and power connector.

If the power cord itself is pulled, the lead will become damaged, and fire, short-circuits or serious electric shocks will result.

## When not using the projector for an extended period of time, disconnect the power plug from the wall outlet.

Failure to do so may result in fire or electric shock.

## Before replacing the projection lens, be sure to turn off the power and disconnect the power plug from the wall outlet.

- Unexpected projection of light may cause injury to eyes.
- Replacing the projection lens without removing the power plug may result in electric shock.

# Disconnect the power plug from the wall outlet before attaching or removing the Function Board (optional) and performing maintenance.

Failure to do so may result in electric shock.

## ON USE/INSTALLATION

#### Do not place heavy objects on top of the projector.

Failure to observe this will cause the projector to become unbalanced and fall, which could result in damage or injury. The projector will be damaged or deformed.

#### Do not put your weight on this projector.

- You could fall or the projector could break, and injury will result.
- Be especially careful not to let young children stand or sit on the projector.

#### Do not place the projector in extremely hot locations.

Doing so will cause the outer casing or internal components to deteriorate, or result in fire.

• Take particular care in locations exposed to direct sunlight or near heaters.

**Do not place your hands in the openings beside the optical lens, while shifting the lens.** Failure to observe this could cause injury.

**Do not install the projector in a location where salt pollution or corrosive gas may occur.** Doing so may result in falling due to corrosion. Also, it may result in malfunctions.

#### Do not stand in front of the lens while the projector is being used.

Doing so can cause damage and burns to clothing.

• Strong light is emitted from the projector's lens.

#### Do not place objects in front of the lens while the projector is being used.

Do not block the projection by placing an object in front of the projection lens.

Doing so can cause fire, damage to an object, or malfunction of the projector.

• Strong light is emitted from the projector's lens.

## The projector must be carried or installed by two or more people.

Failure to do so may cause falling accidents.

#### Always disconnect all cables before moving the projector.

Moving the projector with cables still attached can damage the cables, which will cause fire or electric shocks to occur.

## When mounting the projector on the ceiling, keep mounting screws and power cord from contact with metal parts inside the ceiling.

Contact with metal parts inside the ceiling can cause electric shocks.

## CAUTION:

### ACCESSORIES

## When not using the projector for an extended period of time, remove the batteries from the remote control.

Failure to observe this will cause the batteries to leak, overheat, catch fire or explode, which may result in fire or contamination of surrounding area.

### MAINTENANCE

## Ask your dealer about cleaning inside the projector every 20 000 hours of usage as an estimated duration.

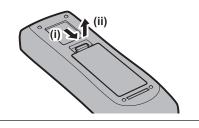
Continuous use while dust is accumulated inside the projector may result in fire.

• For cleaning fee, ask your dealer.

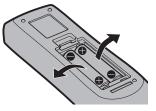
## To remove the battery

## **Remote Control Battery**

1. Press the guide and lift the cover.



2. Remove the batteries.



## Brazil Only Brasil Apenas

## Manuseio de baterias usadas

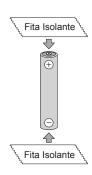


#### BRASIL

Após o uso, as pilhas e/ou baterias deverão ser entregues ao estabelecimento comercial ou rede de assistência técnica autorizada.

Cobrir os terminais positivo (+) e negativo (-) com uma fita isolante adesiva, antes de depositar numa caixa destinada para o recolhimento. O contato entre partes metálicas pode causar vazamentos, gerar calor, romper a blindagem e produzir fogo. (Fig. 1)

Fig. 1 Como isolar os terminais

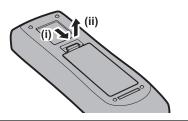


Não desmonte, não remova o invólucro, nem amasse a bateria. O gás liberado pela bateria pode irritar a garganta, danificar o lacre do invólucro ou o vazamento provocar calor, ruptura da blindagem e produzir fogo devido ao curto circuito dos terminais. Não incinere nem aqueça as baterias, elas não podem ficar expostas a temperaturas superiores a 100 °C (212 °F). O gás liberado pela bateria pode irritar a garganta, danificar o lacre do invólucro ou o vazamento provocar calor, ruptura da blindagem e produzir fogo devido ao curto circuito dos terminais.

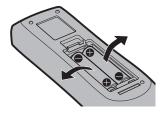
Evite o contato com o liquido que vazar das baterias. Caso isto ocorra, lave bem a parte afetada com bastante água. Caso haja irritação, consulte um médico.

## Remoção das baterias

1. Pressione a guia e levante a tampa.



2. Remova as baterias.



## Disposal of Old Equipment and Batteries Only for European Union and countries with recycling systems



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries must not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local authority. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.



#### Note for the battery symbol (bottom symbol)

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

## Product Information (for Turkey only)

AEEE Yönetmeliğine Uygundur

## For India Only

Information on hazardous constituents as specified in the E-Waste (Management) Rules in electrical and electronic equipment.

Declaration of Conformity with the requirements of the E-Waste (Management) Rules limits with respect to Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls,Polybrominated diphenyl ethers.

The content of hazardous substance with the exemption of the applications listed in the E-Waste (Management) Rules: 1. Lead (Pb) – not over 0.1% by weight.

- 2. Cadmium (Cd) not over 0.01% by weight.
- 3. Mercury (Hg) not over 0.1% by weight.
- 4. Hexavalent chromium (Cr6+) not over 0.1% by weight.
- 5. Polybrominated biphenyls (PBBs) not over 0.1% by weight.
- 6. Polybrominated diphenyl ethers (PBDEs) not over 0.1% by weight.

For the purpose of recycling to facilitate effective utilization of resources, please return this product to a nearby authorized collection center, registered dismantler of recycler, or Panasonic service center when disposing of this product.

Customer care number ( Toll free ) : 080-6984-1333

Please see the Panasonic website for further information on collection centers, etc. or call the customer care toll-free number.

https://www.panasonic.com/in/corporate/e-waste-management.html

	Do's & Don'ts					
No.	Do's	Don'ts				
1	All electrical and electronic products are required to be handed over only to the Authorized recycler.	The product should not be opened by the user himself / herself, but only by authorized service personnel.				
2	The product should be handed over only to authorized recycler for disposal.	The product is not meant for re-sale to any unauthorized agencies / scrap dealers / kabariwalas.				
3	Keep the product in an isolated area, after it becomes non-functional / unrepairable so as to prevent its accidental breakage.	The product is not meant for mixing into household waste stream.				
4	Refer to Operating Instructions for handling of end of life products	Do not keep any replaced spare part(s) from the product in an exposed area.				
5	Always dispose of products that have reached end of life at Panasonic Life Solutions India Authorized Service Centre.	Do not donate old electronic items to anybody. Do not dispose of your product in garbage bins along with municipal waste that ultimately reaches landfill.				
6	Wherever possible or as instructed, separate the packaging material according to responsible waste disposal options and sorting for recycling.	Do not give e-waste to informal and unorganized sectors like Local Scrap Dealers / Rag Pickers.				