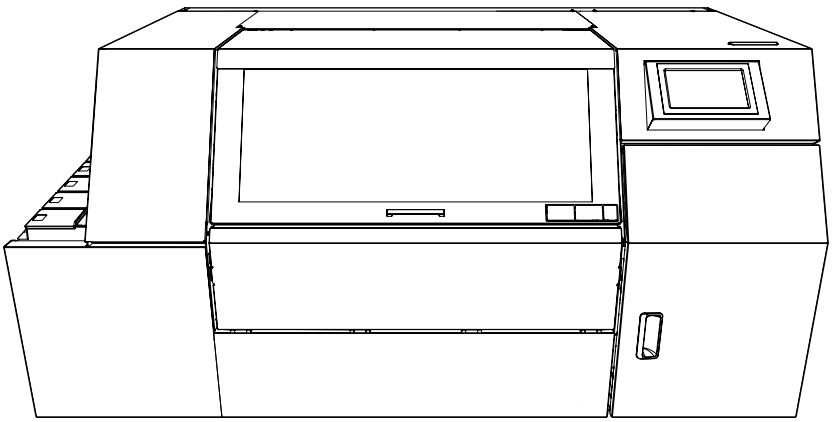
Roland

VersaOBJECT RC-300

Safety precautions



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R1-260522

https://www.rolanddg.com/

Roland DG Corporation

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Operators and Installation Environment

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Operators of This Machine

This machine is very dangerous because it has parts that reach high temperatures and a device that emits UV light. Before using this machine, fully understand its hazards and undergo appropriate training for safe usage.

People who do not understand the machine's hazards or who have not undergone training are prohibited from using the machine.

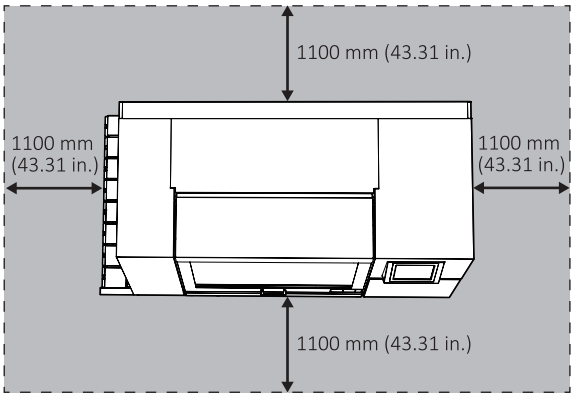
In this manual, people who have undergone appropriate training and fully understand the hazards of this machine are referred to as "certified operators."

Area Limitation within the Movable Range

People other than certified operators are prohibited from approaching this machine.

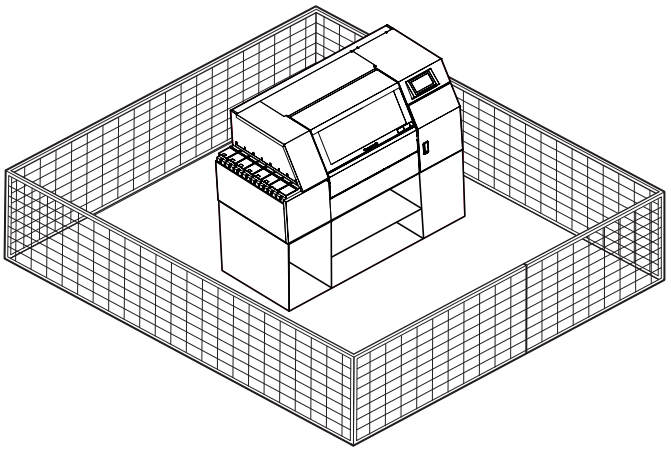
Limit the area around this machine to prevent people who have not undergone appropriate training from approaching this machine.

Explicitly state that the area around this machine is off limits by isolating it through an installation in a dedicated room with a locked door or by installing a safety fence around this machine's perimeter.



Using a Safety Fence to Establish Area Limitations

Follow the ISO 13857 and JIS B 9718 standards.



Installing the machine in a dedicated room

Ensure that the door to the room has a lock and that no one can enter the room, whether operations are in progress or not, without the key.

Manage the key appropriately, ensuring that only authorized personnel have access to it.

Moving This Machine

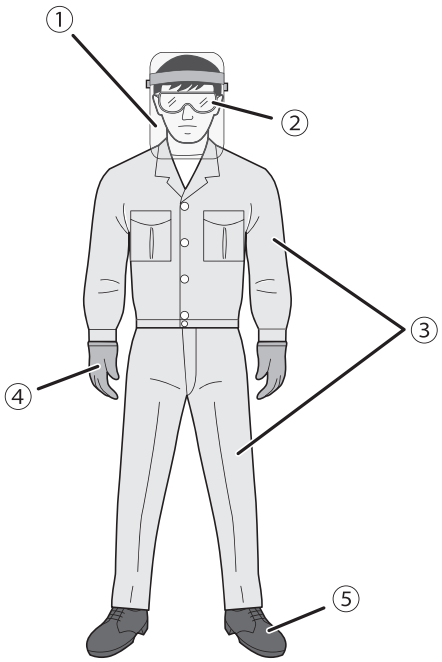
Before moving this machine to a different location after installation, contact your authorized dealer.

Clothing and Equipment of Certified Operators

To prevent UV light from striking your body directly, wear clothing and equipment that reduces the amount of exposed skin.

You must not perform work while wearing the items shown below. They may be caught in the moving parts of this machine.

- Hooded sweatshirts and other such clothing with drawstrings
- Clothing with wide sleeves
- Neckties, scarves, and mufflers
- Ornamentations such as arm rings and necklaces



①	Protective mask	Must be able to block UV light and laser light
②	Goggles	Must be able to block UV light and laser light
③	Long sleeves and long pants	Easy to move in and having narrow sleeves
④	Gloves	Do not interfere with work even when worn
⑤	Safety shoes	Able to protect the operator's feet even if a workpiece falls on top of them

Usage Precautions

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To Ensure Safe Use

Improper handling or operation of this machine may result in injury or damage to property. Points that must be observed to prevent such injury or damage are described as follows.

Meaning of ⚠ WARNING and ⚠ CAUTION

⚠ WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠ CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. *Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings as well as to domestic animals or pets.

About the Symbols

	The ⚠ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the ⚠ symbol. The symbol at left means "danger of electrical shock."
	The ⃠ symbol alerts the user to items that must never be carried out (are forbidden). The specific meaning of the symbol is determined by the design contained within the ⃠ symbol. The symbol at left means the unit must never be disassembled.
	The ● symbol alerts the user to things that must be carried out. The specific meaning of the symbol is determined by the design contained within the ● symbol. The symbol at left means the power-cord plug must be unplugged from the outlet.

Incorrect Operation May Cause Injury

⚠ WARNING

	**Always unplug the power cord when attaching or removing parts and optional parts and when performing cleaning or maintenance that does not require the machine to be connected to a power source.** Attempting such operations while the machine is connected to a power source may result in injury or electrical shock.
	**Keep children away from the machine.** The machine includes areas and components that pose a hazard to children and may result in injury, blindness, choking, or other serious accident.
	**Never attempt to disassemble, repair, or modify the machine.** Doing so may result in fire, electrical shock, or injury. Entrust repairs to a trained service technician.
	**Be sure to follow the operation procedures described in this machine's documentation. Never allow anyone unfamiliar with the usage or handling of the machine to touch it.** Incorrect usage or handling may lead to an accident.
	**Never operate the machine while tired or after ingesting alcohol or any medication.** Operation requires unimpaired judgment. Operating with impaired judgment may result in an accident.
	**When approaching and performing work on this machine, prevent other people from approaching the operation panel.** Touching the operation panel by accident may cause this machine to operate, possibly resulting in injury.

⚠ CAUTION

	**Conduct operations in a clean, brightly lit location.** Working in a location that is dark or cluttered may lead to an accident, such as becoming caught in the machine as the result of an inadvertent stumble.
	**Never climb or lean on the machine.** The machine is not made to support a person. Climbing or leaning on the machine may dislodge components and cause a slip or fall, resulting in injury.
	**Never attempt operation while wearing a necktie, necklace, or loose clothing. Bind long hair securely.** Such items may become caught in the machine, resulting in injury.
	**Exercise caution to avoid being pinched or becoming caught.** Inadvertent contact with certain areas may cause the hand or fingers to be pinched or become caught. Use care when performing operations.

	**Never operate the machine if the cover is cracked or broken.** If the cover is cracked or broken, contact your authorized dealer.
	**Periodically replace your gloves with new ones.** Do not continue using dirty gloves. Wash your hands after work.

Danger of Electrical Short, Electrical Shock, or Fire

⚠ WARNING	
	**Connect to an electrical outlet that complies with this machine's ratings (for voltage, frequency, and current).** Incorrect voltage or insufficient current may cause fire or electrical shock.
	**If sparks, smoke, burning odors, unusual sounds, or abnormal operation occur, immediately unplug the power cord. Never use if any component is damaged.** Continuing to use the machine may result in fire, electrical shock, or injury. Contact your authorized dealer.
	**Never use outside or in any location where exposure to water or high humidity may occur. Do not touch the power cord, plug, or electrical outlet with wet hands.** Doing so may result in fire or electrical shock.
	**Never allow any foreign object to get inside. Never place liquids on the machine or expose it to liquid spills.** Inserting objects such as coins or matches or allowing beverages to be spilled into the ventilation ports may result in fire or electrical shock. If anything gets inside, immediately disconnect the power cord and contact your authorized dealer.
	**Never place any flammable object nearby. Never use a combustible aerosol spray nearby. Never use in any location where gases can accumulate.** Combustion or explosion could occur.
	**Handle the power cord, plug, and electrical outlet correctly and with care. Never use any article that is damaged.** Using a damaged article may result in fire or electrical shock.
	**When using an extension cord or power strip, use one that adequately satisfies the machine's ratings (for voltage, frequency, and current).** Use of multiple electrical loads on a single electrical outlet or of a lengthy extension cord may cause fire.
	**Position the machine so that the power plug is within immediate reach at all times.** This is to enable quick disconnection of the power plug in the event of an emergency. Install the machine next to an electrical outlet. Also, provide enough empty space to allow immediate access to the electrical outlet.
	**For accessories (optional and consumable items, power cord, and the like), use only genuine articles compatible with this machine.** Incompatible items may lead to an accident.
	**Never use the machine for any purpose for which it is not intended, or use the machine in an excessive manner that exceeds its capacity.** Doing so may result in injury or fire.

	**Do not use the supplied power cord for other products.**
	**Connect to ground.** **This can prevent fire or electrical shock due to current leakage in the event of malfunction.**

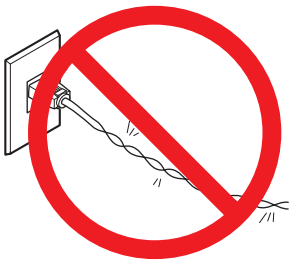
Important notes about the power cord, plug, and electrical outlet



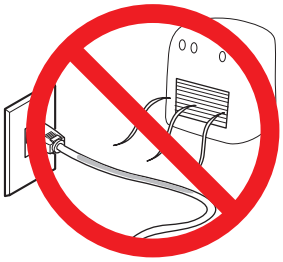
Never place any object on top or subject to damage.



Never allow to get wet.



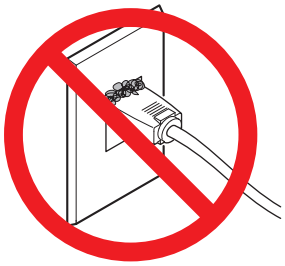
Never bend or twist with excessive force.



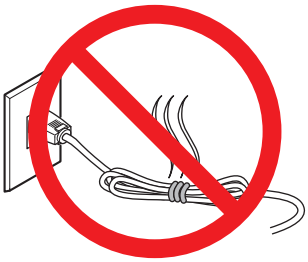
Never make hot.



Never pull with excessive force.



Dust may cause fire.



Never bundle, bind, or roll up.

Ink, Cleaning Liquid, and Discharged Fluid Are Flammable and Toxic

⚠ WARNING



Keep open flame away from the work area.
Ink and discharged fluid are flammable.



Never store ink, cleaning liquid, or discharged fluid in any of the following locations.

- Any location exposed to open flame
- Any location where high temperature may occur
- Near bleach or any other such oxidizing agent or explosive material
- Any location within the reach of children

Fire may be a danger. Accidental ingestion by children may pose a health hazard.



Never drink or sniff ink, cleaning liquid, or discharged fluid, or allow them to come in contact with the eyes or skin.
Doing so may be hazardous to your health.



Never place an ink container (bottle) in fire.
Ink may flow out, catch fire, and spread fire to other nearby objects.



Do not mix ink with any materials for which mixing is prohibited.

⚠ CAUTION



Ensure adequate ventilation for the work area.
Failing to perform ventilation may result in a health hazard or danger of combustion due to ink fumes.



Never allow an ink container (bottle) to be subjected to impact, and never attempt to disassemble ink containers.
Ink may leak.



Dispose of ink appropriately.
Do not dispose of it in rivers or oceans or as domestic wastewater. Entrust this matter to a disposal professional and dispose of ink appropriately.

IMPORTANT

Refer to the appropriate safety data sheet (SDS) for the following items related to the ink, cleaning liquid.

- Hazards of the included chemical substances
- Handling
- Emergency measures when these toxic substances get on the skin or in the eyes

https://www.rolanddg.com/en/about-us/sustainability/safety-data-sheet

This Is a Heavy Machine

⚠ WARNING	
	Unloading and emplacement are operations that must be performed by the specified number of the workers or more as referring to the operation manual on the installation of the machine. Tasks that require undue effort when performed by a small number of persons may result in physical injury. Also, if dropped, such items may cause injury.
	Install the machine in a location that is level, stable, and able to bear the weight of the machine after checking the weight of the machine in the operation manual on the installation of the machine. Installation in an unsuitable location may cause a major accident, including tip over, fall, or collapse.

Danger of Fire, Burns, or Toxic Gas Emissions

⚠ WARNING



High Temperature

The area around the UV-LED device becomes hot. Exercise caution to avoid burns.

⚠ CAUTION



Remove the object to be printed on or switch off the sub power when printing is not being performed.

The continued application of heat at a single location may cause fire or produce toxic gases.

Danger of pinching, entanglement, and burns

⚠ WARNING



Never attempt operation while wearing a necktie, necklace, or loose clothing. Bind long hair securely. When performing operations while wearing gloves, exercise sufficient caution to prevent entanglement in the machine.

Such items may become caught in the machine, resulting in injury.



Exercise caution to avoid being pinched or becoming caught.

Inadvertent contact with certain areas may cause the hand or fingers to be pinched or become caught. Use care when performing operations.

External emission of laser light may occur

⚠ WARNING



Be sure to follow the operation procedures described in this documentation. Never allow anyone unfamiliar with the usage or handling of the machine to touch it.

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



Because there is the risk of causing harm to the human body (eyes, skin, etc.), observe the following items.

- This product is not equipped with a mechanism that stops emission of the laser beam when the product is disassembled. Never attempt to disassemble the product.
- Do not stare into the laser beam or its specular reflection.

This Machine Uses Ultraviolet Light

⚠ WARNING



Do not allow light from the UV lamp to come into direct contact with your eyes or skin.

Harmful ultraviolet radiation is emitted from the UV lamp, which may lead to serious burns on the eyes or skin even if contact with this radiation is just for a short time. Burns caused by ultraviolet radiation are difficult to perceive. This may lead to operators continuously receiving radiation for a long period of time without noticing it.

Therefore, implement countermeasures to prevent ultraviolet radiation from coming into contact with your eyes or skin. For example, protect your eyes and skin with goggles, clothes, and similar equipment.

IMPORTANT

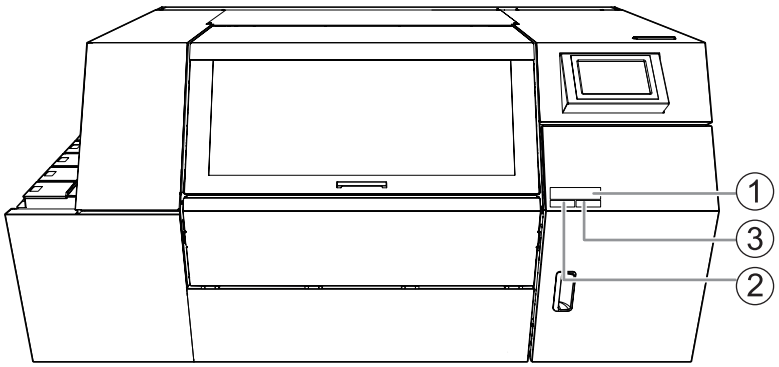
Caution: Ultraviolet Light

This machine is fitted with covers to keep external leakage of ultraviolet light at low levels, but incorrect handling or operation can lead to physical injury due to ultraviolet light. The extent of injury depends on the intensity and wavelength of the ultraviolet light, and the length of time of exposure. Prolonged exposure to strong ultraviolet light of hazardous wavelengths can cause injury to the eyes or skin. Exercise caution.

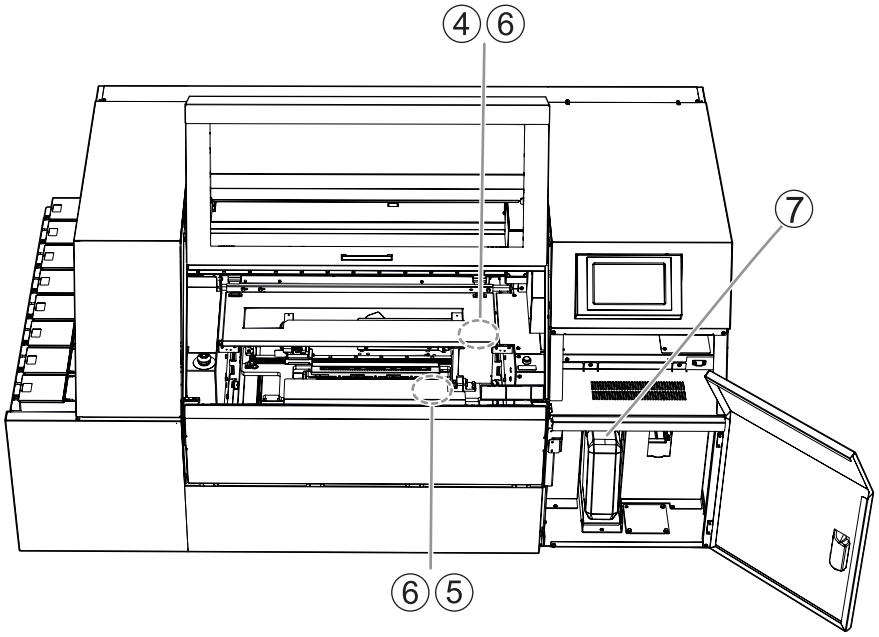
Warning Labels

Warning labels are affixed to the machine to make areas of danger immediately clear. The meanings of these labels are indicated below. Be sure to heed their warnings. Also, never remove the labels or allow them to become dirty.

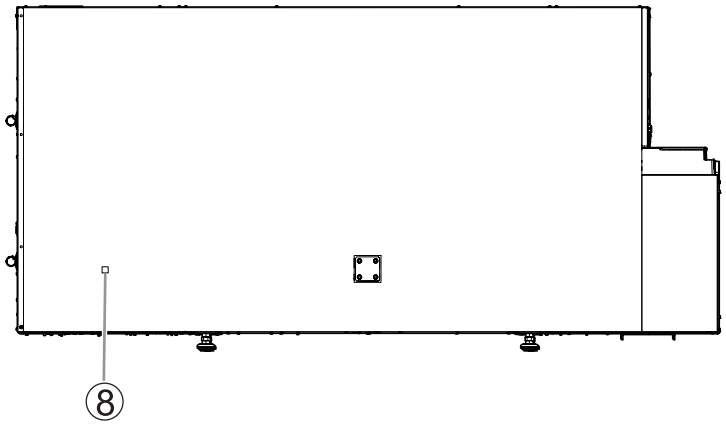
Front



Inside



Rear



①		**Caution and Warning: Ultraviolet Rays** Do not allow light from the UV lamp to come into direct contact with your eyes or skin. This machine emits harmful ultraviolet rays. Direct contact with an eye or skin may cause eye damage or skin injury. Therefore, protect your eyes and skin with protective gear, clothing, or other means, and take steps to prevent direct contact with the ultraviolet rays.
②		**Caution: Moving Print Heads** Note that depending on settings such as the printing area, the print heads can be moved even when the cover is open.
③		**Caution: Pinching Hazard** Be careful not to allow the fingers to become pinched when closing covers.
④		**Danger of entanglement** Fingers or hair may become entangled in moving parts. During operation, do not touch rotating parts.
⑤		**Caution: Pinching Hazard** Hands or fingers may be pinched or become caught in certain areas. Use care when performing operations.
⑥		**Caution: High Temperature** The UV-LED device, the object printed on, and the surrounding structures will become hot. Exercise caution to avoid burns.

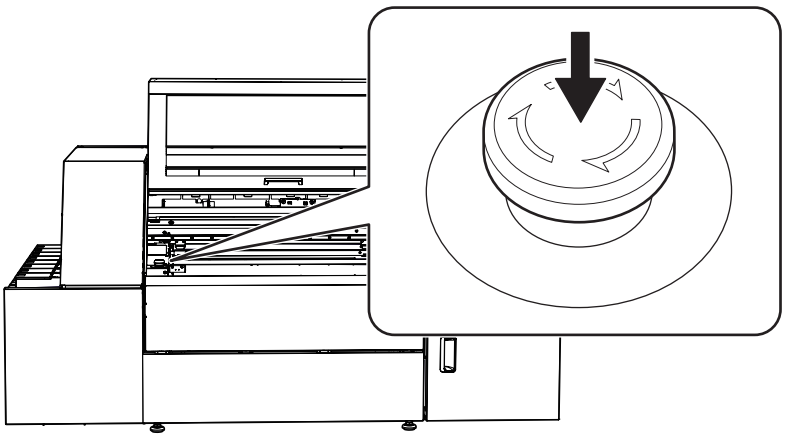
⑦		**Flammable** Ink and discharged fluid are flammable. Keep away from open flame.
⑧		**Caution: High Voltage** Removing the cover may result in high-voltage electric shock.

Emergency Stop Button

This button allows you to stop the machine immediately when it acts unexpectedly due to, for example, incorrect operation. As an example, assume that the front cover is open so a worker can perform operations on the machine. Pressing this button in the event of unexpected machine operation eliminates the hazards presented by such a situation.

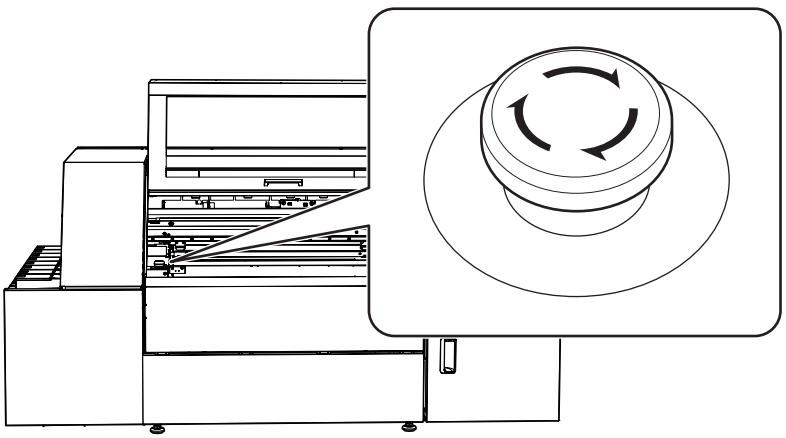
Emergency Stop

When this button is pressed, the machine stops immediately.



Releasing the Emergency Stop

Turn the button in the direction of the arrows until the button pops back to its original position, and then turn the sub power on again.



Other important notes

Disclaimers and Standard Information 23

Disclaimers and Standard Information

Thank you very much for purchasing this product.

- To ensure correct and safe usage with a full understanding of this product's performance, please be sure to read through this guide completely.
- Unauthorized copying or transferal, in whole or in part, of this guide is prohibited.
- The specifications of this product and the contents of this guide are subject to change without notice.
- The guide and the product have been prepared and tested as much as possible. If you find any misprints or errors, please inform us.
- Roland DG Corporation assumes no responsibility for any direct or indirect loss or damage that may occur through use of this product, regardless of any failure to perform on the part of this product.
- Roland DG Corporation assumes no responsibility for any direct or indirect loss or damage that may occur with respect to any article made using this product.

Company names and product names are trademarks or registered trademarks of their respective holders.

This product is equipped with an "eT-Kernel Compact" eT-Kernel and a "PrConnect(R)/Pro" TCP/IP protocol stack, both made by eSOL Co., Ltd.

eT-kernel and PrConnect are registered trademarks of eSOL Co., Ltd.

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This product is equipped with a laser device classified as Class 1 according to IEC 60825-1:2014.

NOTICE

Grounding Instruction

- In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.
- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.
- Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.
- Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.
- Repair or replace damaged or worn cord immediately.

For the USA

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

Responsible Party: Roland DGA Corporation

Address: 15363 Barranca Parkway Irvine, CA 92618, U.S.A.

Telephone: 949-727-2100

Type of Equipment: Printer

Model Name: RC-300

NOTE:

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.

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.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Use only I/O cables that have been designed and manufactured specifically for this device.

For Canada

CAN ICES-3 (A)/NMB-3(A)

For EU Countries



Manufacturer:

1-1-2 Shinmiyakoda, Hamana-ku, Hamamatsu-shi, Shizuoka-ken, 431-2103 JAPAN

The importer in the EU:

Roland DG EMEA N.V.

Bell Telephonelaan 2G, 2440 Geel, Belgium

For UK



Manufacturer:

1-1-2 Shinmiyakoda, Hamana-ku, Hamamatsu-shi, Shizuoka-ken, 431-2103 JAPAN

The importer in the UK:

Roland DG (U.K.) Ltd.

Dominions House Lime Kiln Close, Stoke Gifford, Bristol, England, BS34 8SR, United Kingdom

For EU Countries

⚠ WARNING

Operation of this equipment in a residential environment could cause radio interference.

For EU Countries



This product must be disposed of separately at your local waste recycling center. Do not dispose of in household waste bin.



Bitte führen Sie dieses Produkt separat Ihrer örtlichen Entsorgungsstelle zu. Bitte nicht mit dem normalen Hausmüll entsorgen.



Ne jetez pas le produit avec vos ordures ménagères. Portez-le dans un centre recyclage des déchets.



Questo prodotto deve essere smaltito negli appositi contenitori per la raccolta differenziata, non buttare nel cestino dei rifiuti casalinghi.



Este producto debe devolverse al centro de reciclaje más cercano a su domicilio para su correcta eliminación. No lo tire a la basura.



Deite fora separadamente este produto no seu centro de reciclagem local. Não o deite fora no seu caixote do lixo.



Lever dit product in bij een lokaal afvalverzamelpunt. NIET met normaal huishoudelijk afval afvoeren.



Dette Produkt skal smides særskilt væk på den lokale affalds- og genbrugsstation. Må ikke smides ud sammen med almindeligt husholdningsaffald.



Tätä tuotetta ei saa hävittää normaalien talousjätteiden mukana, vaan se on toimitettava ongelmajätteiden keräilypisteeseen hävitettäväksi.



Produkten måste kasseras separat på din lokala återvinningscentral. Släng inte produkten tillsammans med hushållssoporna.



Μην πετάξετε το αντικείμενο αυτό στο καλάθι των απορριμμάτων. Αφαιρέστε τις μπαταρίες και προσκομίστε το στο τοπικό κέντρο ανακύκλωσης.

For China

产品中有害物质的名称及含有的信息表

部件名称	有毒有害物质或元素									
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)	邻苯二甲酸二正丁酯(DBP)	邻苯二甲酸二异丁酯(DIBP)	邻苯二甲酸丁苄酯(BBP)	邻苯二甲酸二(2-乙基)己酯(DEHP)
印刷电路板	×	○	○	○	○	○	○	○	○	○
头部	×	○	○	○	○	○	○	○	○	○
壳体、底架	×	○	○	○	○	○	○	○	○	○
电源	×	○	○	○	○	○	○	○	○	○
其他（电缆、附件等）	×	○	○	○	○	○	○	○	○	○

注1: ○:表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。
×:表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。
注2: 以上未列出的部件,表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。

环保使用期限



此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。
所谓环保使用期限是指在自制造日起的规定期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。
环保使用期限仅在遵照产品使用说明书，正确使用产品的条件下才有效。
不当的使用，将会导致有害物质泄漏的危险。

For California

⚠ WARNING

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

