## SHARP

# Digital Full Color Production Printer BP-1200S/BP-1200C

# Setup Manual

Before using the machine, please read this manual thoroughly. Be sure to keep this manual for future reference.

- This manual may not be edited, modified or copied in whole or part without the written consent of the publisher.
- Parts of this manual is subject to change without prior notice.

Safety Data Sheet ......6

■ The screen shots and the illustrations in this manual are used as examples. They may differ from yours depending on the model, the software, or the OS.

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## Power On/Off

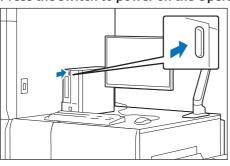
The printer warms up and becomes ready to print within about 7 minutes after powered on. Switch the power off at the end of a day or if the machine is not used for a long time.

#### Note

- The warm-up time may vary with an initial temperature of the printer.
- After being inactive for a while, the printer automatically enters the Power Saver mode to reduce power consumption.

## **Powering On**

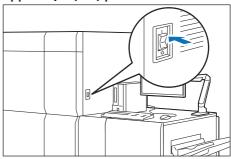
- Power on your Print Server to start the Print Server.
   For information on functions and operations of the Print Server, refer to customer documentation supplied with Print Servers.
- 2. Press the switch to power on the Operation PC.



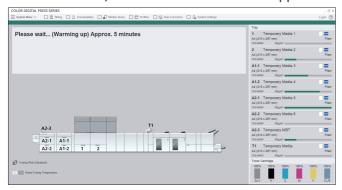
Note

The monitor is automatically turned on in conjunction.

3. Press the power switch on the printer unit to the upper < | > (ON) position.



Windows® starts, and then the Device Screen appears.

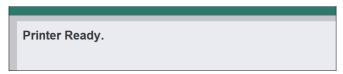


The Device Screen shows the message "Please wait... (Warming up) Approx. \* minutes" (\* is replaced by time to wait in minutes).

#### Note

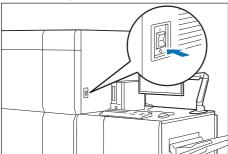
When powered on, the printer immediately gets started to proceed with image quality adjustment, but it takes some time before the printer becomes ready to print.

When the printer becomes ready to print (i.e. enters the Standby mode), the message changes to "Printer Ready."



## **Powering Off**

- 1. Make sure all the printing is finished.
- 2. Press the power switch on the printer unit to the lower <<br/>()> (OFF) position.

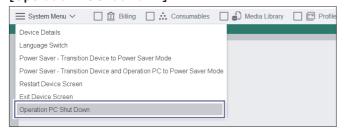


The printer is turned off.

#### Note

The fan installed inside the printer keeps running for about one hour after the power-off.

3. In the Device Screen, select [System Menu] > [Operation PC Shut Down].



#### 4. Click [Yes].



The Device Screen shuts down followed by Windows® shutdown, and then the Operation PC is turned off.

#### Note

The monitor is turned off in conjunction.

#### 5. Shut down the Print Server.

For information on functions and operations of the Print Server, refer to customer documentation supplied with Print Servers.

#### **Main Power Switch**

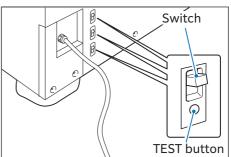
If you turn off the main power, the power consumption can be reduced. (but cannot be reduced to zero.)

Note that the machine needs more time to warm up if switched on after the main power is off.

Open Covers of the Printer Output Unit and press the power switch to the lower  $< \circlearrowleft > (OFF)$  position.



## **Ground Fault Interrupter**



When not using for an extended period or when moving the unit, press the switch to turn the machine power off.

#### Note

Do not operate the switch under normal circumstances because it is turned off when a current leakage is detected.

## Safety Notes

Before using this product, read "Safety Notes" carefully for safety use.

This product and recommended supplies have been tested and found to comply with strict safety requirements including safety agency approvals and compliance with environmental standards. Follow the following instructions for safety use.

This product is not suitable for use in locations where children are likely to be present.

#### **MARNING**

Any unauthorized alteration including an addition of new functions or connection to external devices may not be covered by this product warranty. Contact your dealer or nearest SHARP Service Department for more information.

Follow all warning instructions marked on this product. The warning marks stand for the followings:

# DANGER

Used for item that if not followed strictly, can lead death or severe or fatal injuries and the possibility to do it is comparatively high.



Used for items that if not followed strictly, can lead to severe or fatal injuries.



Used for items that if not followed strictly, can cause injuries to user or damages to product.

▲: A symbol for items to pay attention to when handling product. Follow instructions carefully to use product safely.



Caution









shock



Hot surface





electrostatic breakage



Caution for Flammable







Moving object

Pinched fingers

Rotating parts hazard







S: A symbol for prohibited items. Follow instructions carefully to avoid any dangerous acts.











Prohibited

Do not touch

Do not use in bathroom



down





Keep away from wet

Never touch with wet hand

: A symbol for items that must be performed. Follow instructions carefully to carry out these essential tasks.





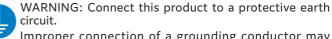


Instructions Unplug Ground/Earth

## **Electrical Safety**

#### WARNING

This product shall be operated by the power source as indicated on this product's data plate lavel. Consult your local power company to check if your power source meets the requirements.



Improper connection of a grounding conductor may cause electric shock. Plug the power cord directly into a grounded electrical

outlet. To prevent overheat and a fire accident, do not use an extension cord, a multi-plug adaptor or a multiple connector. Consult your local representative to check if an outlet is grounded.

Connect this product to a branch circuit or an outlet that has larger capacity than the rated ampere and voltage of this product. See the data plate on the rear panel of this product for its rated ampere and voltage.



Never touch the power cord with wet hands. It may cause electric shock.



Do not put an object on the power cord.

Always keep the plug connection free of dust. The dusty and damp environment may bring about minute electric current in a connector. It may generate heat and eventually cause a fire accident.

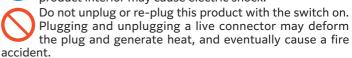
To avoid the risk of electric shock and a fire accident, only use the power cord supplied with this product or the ones designated by our company. The power cord is exclusive use for this product. Do not use it for any other product. Do not damage or alter the power cord. Damage and alteration may generate heat and eventually cause electric shock or a fire accident. If the power cord is damaged or insulated wires are exposed, contact your dealer or nearest SHARP Service Department for its replacement. Do not use a damaged or uninsulated cord to avoid the risk of electric shock and a fire accident.



#### CAUTION



When cleaning this product, always switch off this product and its switchboard (branch circuit). Access to a live product interior may cause electric shock.



Hold the plug not the cord when unplugging this product, or it may damage the cord and cause electric shock or a fire accident.

Always switch off this product and its switchboard (branch circuit) when it is not used over weekends or long holidays. It may cause deterioration of insulations and eventually electric shock or a fire accident.

Once a month, switch off this product and check if the power cord is plugged firmly into an electrical out-

- the plug is not excessively heated, rusted or bent;
- the plug and electrical outlet are free of dust; and
- the power cord is not cracked or worn down.

Once you notice any unusual condition, switch off and unplug this product first and contact your dealer or nearest SHARP Service Department.

#### **Product Installation**

#### WARNING

Do not locate this product where people might step on or trip over the power cord. Friction or excessive pressure may generate heat and eventually cause electric shock or a fire accident.

#### **CAUTION**



Never locate this product in the following places:

- Near radiators or any other heat sources
- Near volatile flammable materials such as curtains
- In the hot, humid, dusty or poorly ventilated environment
- In the place receiving direct sunlight
- Near cookers or humidifiers

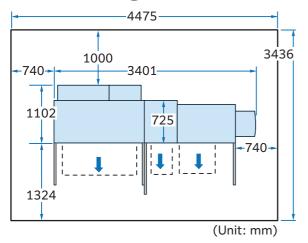


Keep away the packing materials of product from small children. The thin film may cling to nose and mouth and prevent breathing.

Locate this product on a level and sturdy surface that can withstand a weight of 1,440 kg (minimum configuration). Otherwise, if tilted, this product may fall over and cause injuries.

Locate this product in a well-ventilated area. Do not obstruct ventilation openings of this product. Keep the minimum clearance as follows for ventilation and an access to the power plug. Unplug this product if an abnormal condition is noted.

#### Minimum configuration



Minimum configuration: Printer Unit + Offset Catch Tray

Always lock the wheels of this product after installation. Otherwise, it may fall over or slide and cause injuries.

To bundle wires and cables, always use the cable ties and spiral tubes that our company supplies. Otherwise, it may cause some defects.

## **Operational Safety**





The operator's product maintenance procedures are described in the manuals supplied with this product. Do not carry out any other maintenance procedures not described in the manuals.



This product features safety design not to allow operators access to hazard areas. The hazard areas are isolated from operators by covers or protectors which require a tool to remove. To prevent electric shock and injuries, never remove those covers and protectors.



Do not insert any object into slots or openings of this product. Do not put any of the followings on this prod-

- Liquid container such as flower vases or coffee cups
- Metal parts such as staples or clips
- Heavy objects

If liquid is spilled over or metal parts are slipped into this product, it may cause electric shock or a fire accident.



Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.



When cleaning this product, use the designated cleaning materials exclusive to it. Other cleaning materials may result in poor performance of this product. Never use aerosol cleaners to avoid catching fire and explosion.



When you play the media (e.g., CD-ROM, DVD) supplied with this product, always use said media-enabled device. Otherwise, large sound may damage its speakers or your ears.

#### **Laser Safety**



CAUTION: Any operations or adjustments not stated in the operation manual may cause hazardous light exposure and eventually burn injuries or loss of eye-

sight.

This product has been tested and found to comply with the Class 1 Laser Equipment requirements defined by the international standard IEC60825-1:2014 and has no light exposure hazard. This product has no hazardous light emission as it features light protection components and covers to shut in all light beam during operation and maintenance.

Laser Diode : Class 3B : 780 nm Wave length

Beam divergence :  $\theta$ //15 deg,  $\theta \perp$  13 deg

Pulse duration : 25.24 µs Repetation rate : 1.848 kHz Maximum power : 1.13 mW

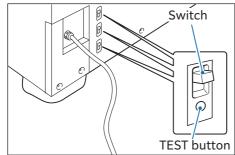
#### **CAUTION**

Always follow all warning instructions marked on or supplied with this product. To avoid the risk of burn injuries and electric shock, never touch the area with the "Heated surface" or "Electric shock" mark on.

Keep electrical and mechanical safety interlocks active. Keep the safety interlocks away from magnetic materials. Magnetic materials may accidentally activate this product and cause injuries or electric shock.

A ground fault interrupter is embedded in this product. If current leakage occurs, the ground fault interrupter automatically cuts off power circuit to prevent electric shock and a fire accident. The ground fault interrupter is normally ON (in the "|" state"). Check once a month if the ground fault interrupter works properly in accordance with the following procedures:

- **1.** Switch off this product.
- 2. Press the TEST button.



- **3.** Check that the switch is turned off and in the "O" state.
- **4.** Set the switch to "ON" (in the "|" state").

If the circuit does not work properly, contact your dealer or nearest SHARP Service Department.

Do not attempt to remove a paper deeply jammed inside this product, particularly a paper wrapped around the fusing unit or the heat roller. Otherwise, it may cause injuries or burns. Switch off this product immediately and contact your dealer or nearest SHARP Service Department.





Never touch the paper output area of the finisher during operation. It may cause injuries.





Be careful in removing jammed staples.

- Be careful not to get injured by waste staples when detaching a staple waste container.
- Waste staples may come out with output paper. Be careful not to get injured by the staples.

Never touch safety interlocks. When a front cover is open, safety interlocks become activated to stop this product. Do not apply pressure on safety interlocks with a coin or screwdriver. Otherwise, this product may become activated and cause injuries.

Do not staple punched holes of paper. Sharp points of a staple may cause injuries.

- For continuous operation more than 1 hour, take a 10 15 minute break every hour to rest your eyes.
- To move this product to another location, contact your dealer or nearest SHARP Service Department.
- Do not perform any maintenance procedures unless you have been trained to do them by an authorized local dealer or unless the procedures are specifically described in the customer documentation.

Ventilate well during extended operation or mass printing. It may affect the office air environment due to odor such as ozone in a poorly ventilated room. Provide proper ventilation to ensure the comfortable and safe environment.

## Regulation

Each instruction also covers the optional units used with these products.

#### Safety precautions

This Digital Equipment is rated Class 1 and complies with 21 CFR 1040.10 and 1040.11 of the CDRH standards. This means that the equipment does not produce hazardous laser radiation. For your safety, observe the precautions below.

- Do not remove the cabinet, operation panel or any other covers.
- The equipment's exterior covers contain several safety interlock switches. Do not bypass any safety interlock by inserting wedges or other items into switch slots.

#### **Laser information**

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

#### Note

This Digital Equipment is CLASS 1 LASER PRODUCT (IEC 60825-1 Edition 3-2014).



FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

#### 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.

#### Supplier's Declaration of Conformity

SHARP Digital Full Color Production Printrer, BP-1200S/BP-1200C.

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.

Responsible Party: SHARP ELECTRONICS CORPORATION 100 Paragon Drive, Montvale, New Jersey 07645-1779

TEL: 1-800-BE-SHARP

## **Environment**



Products that have earned the ENERGY STAR® are designed to protect the environment through superior energy efficiency.

The products that meet the ENERGY STAR® guidelines carry the ENERGY STAR® logo. The products without the logo may not meet the ENERGY STAR® guidelines.

Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

## Safety Data Sheet

The SDS (Safety Data Sheet) can be viewed at the following URL address:

https://global.sharp/corporate/eco/env-info/sds/us/index.html

## **Supplies**

Standard supplies for this product that can be replaced by the user include paper and toner cartridges.

Be sure to use only SHARP-specified products for the toner cartridges and transparency film.

SHARP.



**GENUINE SUPPLIES** 

For best printing results, be sure to use only Sharp Genuine Supplies which are designed, engineered, and tested to maximize the life and performance of Sharp products. Look for the Genuine Supplies label on the toner package.

## **Storage Of Supplies**

#### **Proper storage**

- 1. Store the supplies in a location that is:
  - clean and dry,
  - at a stable temperature,
  - not exposed to direct sunlight.
- 2. Store paper in the wrapper and lying flat.
- 3. Paper stored in packages standing up or out of the wrapper may curl or become damp, resulting in paper misfeeds.

#### Storing toner cartridges

Store a new toner cartridge box horizontally with the top side up. Do not store a toner cartridge standing on end. If stored standing on end, the toner may not distribute well even after shaking the cartridge vigorously, and will remain inside the cartridge without flowing out.

- Store the toner in a location that is cooler than 104°F (40°C). Storage in a hot location may cause the toner in the cartridge to solidify.
- Please use SHARP-recommended toner cartridges. If toner cartridges other than SHARP-recommended toner cartridges are used, the machine may not attain full quality and performance and there is a risk of damage to the machine.

## Supply of spare parts and consumables

The supply of spare parts for repair of the machine is guaranteed for at least 7 years following the termination

of production. Spare parts are those parts of the machine which may break down within the scope of the ordinary use of the product, whereas those parts which normally exceed the life of the product are not to be considered as spare parts.

Consumables too, are available for 7 years following the termination of production.

## How To Use Manuals

The 'Printer User Interface Manual' (HTML document) appears to click the ③ icon of the Printer User Interface on this machine control panel, and you can see other manuals (PDF document) by clicking the link on the HTML manual's top page.

If you want to download PDF manuals to the client computer, follow the procedures below.

- 1. Click ② at the top-right corner of the Printer User Interface.
- 2. Access the following folder at lower area on the transition destination screen.

 $\begin{tabular}{ll} $C:\Production\Program\UI\help\en_AU\ui_help\\ Manual \end{tabular}$ 

Note

The Printer User Interface cannot be connected from the outside.

3. Copy the corresponding PDF files into a client computer by such as a USB memory.

#### **Printer Unit Manual**

A manual describing the operations for printer unit, daily maintenance, and precautions on using.

#### **Optional Units Manual**

A manual describing the operations for optional units, such as the Finisher.

#### **Printer User Interface Manual**

A manual describing the control panel menus of the printer and how to operate them.

## **Banner Print Alignment Adjustment One**

#### **Point Guide**

A manual describing the operations for banner print alignment adjustment.

#### Set an Air Assist Profile

A manual describing the operations for setting an air assist profile.

## For The Administrator

#### **Administrator Mode Password**

The administrator password is required to change the machine's some settings.

Administrator mode can be changed from the Printer User Interface. After setting up the machine, refer to "Screen Settings" page in the 'Printer User Interface Manual' to set a new password.

# Password For Logging In From This Machine

The factory default password for the machine is "aaaaa".

# Points To Notice When Connecting To The Network

When connecting the machine to the network, connect to the sub network (range divided by the router) in which only the authorized device (such as PC) for the communication with the machine in the protected LAN in some way like firewall is connected. And manage the connected devices in the sub network so that the network condition may always be maintained. Also use the filter setting function to prevent illegal access.

### **About Password Management**

A unique administrator password is required before using the machine for the first time.

#### Note

For security reasons, it is not recommended that the machine is connected to a network before changing the administrator password.

#### **Changing administrator password**

- 1. Click [Log In].
- 2. Enter the administrator password, and click [OK]. The default password is "aaaaa".
- 3. Click [System Settings].
- 4. Click [Change Password] and enter information needed for changing the password.

Note

Your new password must be consisted of 4 to 32 one byte characters.

It is strongly recommended to assign a strong administrator password and the password should be managed by authorized personnel.

Please securely store the assigned password.

#### About password management

It is requested to change the administrator password right after installing the machine. The password should be changed by the administrator and strictly managed. Write down the changed password in the following table and keep it carefully.

Please write "New Password".

Factory	default	New Password
Administrator password	ааааа	

#### Note

Please take care not to forget newly set administrator password. If it is forgotten there is no way to confirm it and some settings and functions that require administrator authorization may not be used.

## **Trademark Acknowledgements**

The following trademarks and registered trademarks are used in conjunction with the machine and its peripheral devices and accessories.

- Microsoft® and Windows® are registered trademarks of US Microsoft Corporation in the U.S. and other countries.
- Other company names or product names are registered trademarks or trademarks of each company.
- Microsoft product screen shots reprinted with permission from Microsoft Corporation.

#### Please note

- For information on your operating system, please refer to your operating system manual or the online Help function.
- The explanations of screens and procedures are primarily for Windows<sup>®</sup>. The screens may vary depending on the version of the operating system or the software application.
- Wherever "BP-xxxxx" appears in this manual, please substitute your model name for "xxxxx".
- Considerable care has been taken in preparing this manual. If you have any comments or concerns about the manual, please contact your dealer or nearest SHARP Service Department.
- This product has undergone strict quality control and inspection procedures. In the unlikely event that a defect or other problem is discovered, please contact your dealer or nearest SHARP Service Department.
- Aside from instances provided for by law, SHARP is not responsible for failures occurring during the use of the product or its options, or failures due to incorrect operation of the product and its options, or other failures, or for any damage that occurs due to use of the product.

## Software License

The Software License will appear when you download the software \*1 or install the software from the CD-ROM\*2.

By downloading and using the software, you are agreeing to the bound by the terms of the Software License.

\*1: If the software is obtained from our website.

\*2: If the "Software CD-ROM" is provided with the machine.

## SHARP

## SHARP ELECTRONICS CORPORATION

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www.sharpusa.com

**SHARP CORPORATION** 

