

# Start Guide

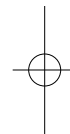
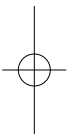
- ## 1. Getting Started

- ## 2. Using Color Controller

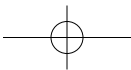
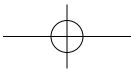
For information not in this manual, refer to the HTML/PDF files on the supplied CD-ROM.

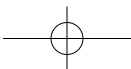
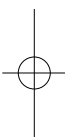


Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read the Safety Information in this manual before using the machine.



English





# TABLE OF CONTENTS

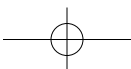
**FCC Warning ..... A-1**  
    Note to users in the United States of America ..... A-1  
    Notes to Canadian Users of ICES-003 Conformance ..... A-2  
    Remarque concernant les utilisateurs au Canada ..... A-2  
**User Information on Electrical and Electronic Equipment ..... A-3**  
    Users in the countries where this symbol shown in this section has been  
    specified in national law on collection and treatment of E-waste ..... A-3  
    All Other Users ..... A-3  
    For Users in India ..... A-3  
    For Turkey only ..... A-3  
**Note for the Battery and/or Accumulator Symbol (For EU countries  
only) ..... A-4**  
**Notes to users in the state of California (Notes to Users in USA) ..... A-5**  
**Safety Information ..... A-6**  
    Safety During Operation ..... A-6  
    Safety Precautions to be Followed ..... A-6

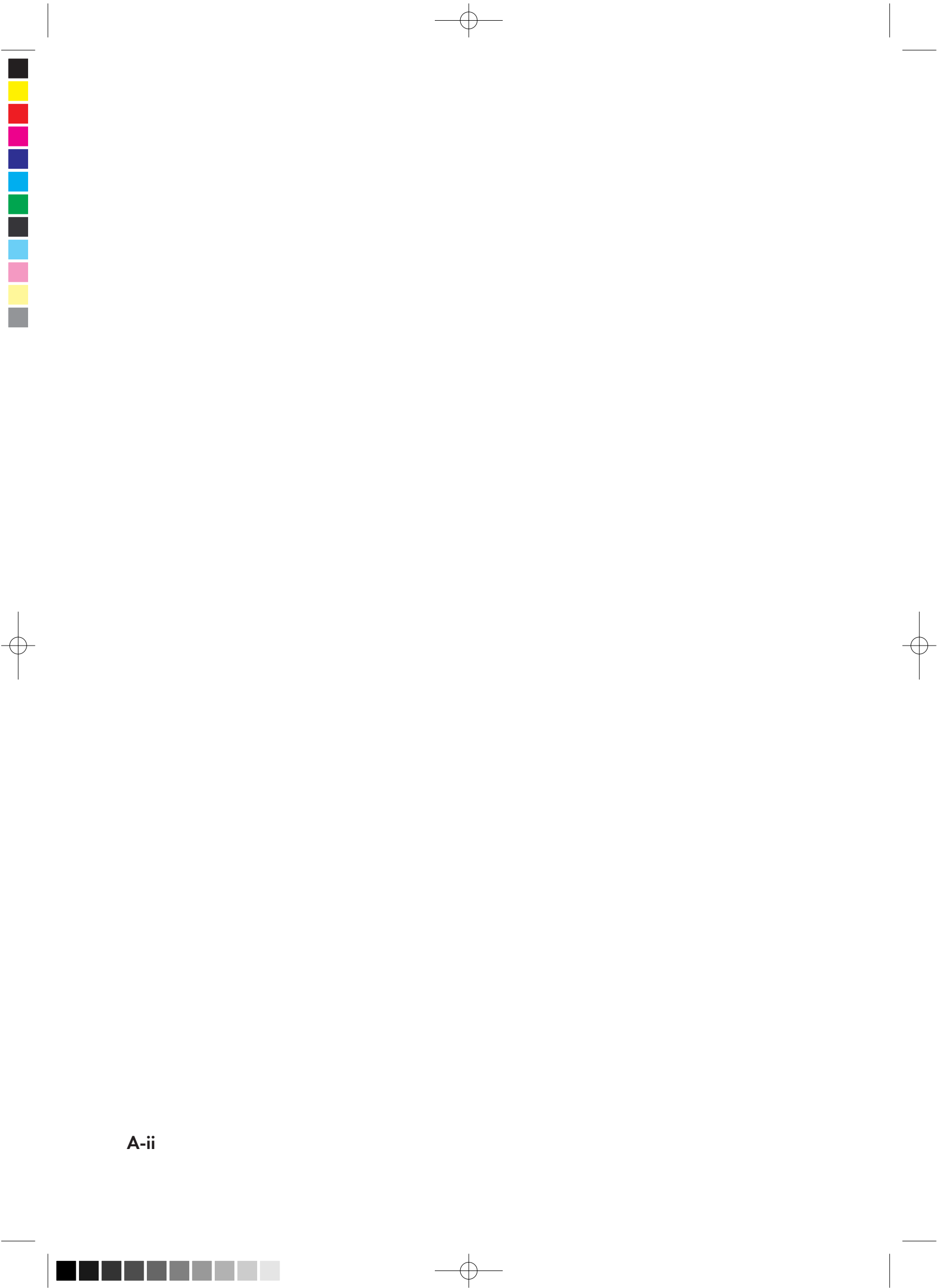
## 1. Getting Started

**Checking the Contents ..... A-11**  
    For the Site Administrator ..... A-11  
    For the Service Technician ..... A-11  
  
**Guide to Components ..... A-12**  
**Positioning Color Controller..... A-13**  
    Caution ..... A-13  
    Space Required for Installation ..... A-13  
    Dimensions and Weight..... A-14  
    Environment ..... A-14  
**Moving Color Controller..... A-15**

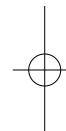
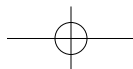
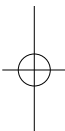
## 2. Using Color Controller

**Color Controller Startup, Shutdown, and Restart ..... A-17**  
    Starting the Main Unit and Color Controller..... A-17  
    Shutting Down the Main Unit and Color Controller..... A-17  
    Shutting Down Color Controller Only..... A-18  
    Restarting Color Controller..... A-18  
**Power Up Sequence ..... A-19**





A-ii



# FCC Warning

---

## Note to users in the United States of America

---

### ❖ Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio /TV technician for help.

### ❖ Caution:

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

### ❖ Declaration of Conformity

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.

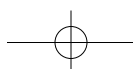
Responsible party: Ricoh Americas Corporation

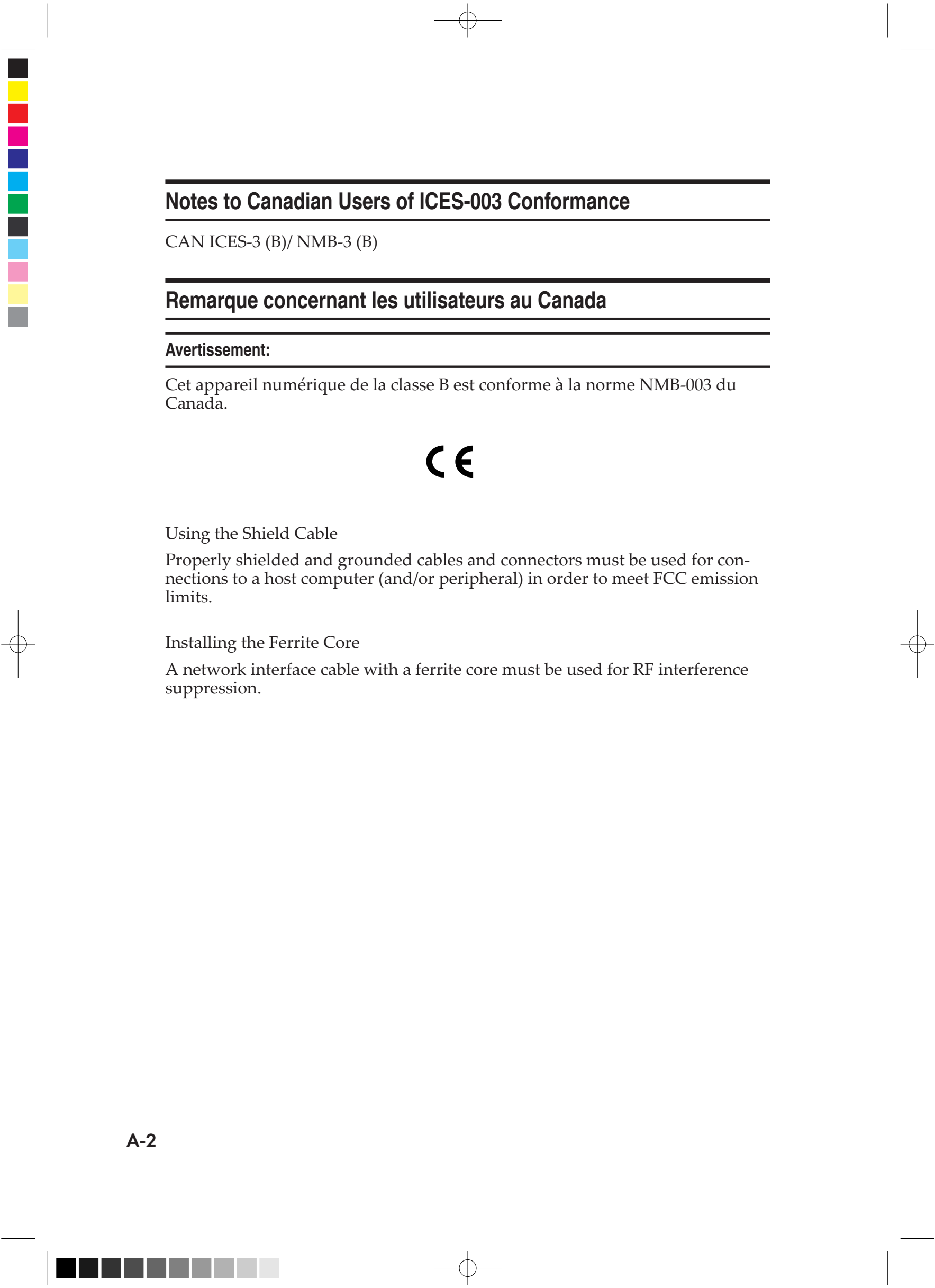
Address: 5 Dedrick Place, West Caldwell, NJ 07006

Telephone number: 973-882-2000

Product Name: Color Controller

Model Number: E-23C





## Notes to Canadian Users of ICES-003 Conformance

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

### Remarque concernant les utilisateurs au Canada

#### Avertissement:

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

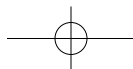


#### Using the Shield Cable

Properly shielded and grounded cables and connectors must be used for connections to a host computer (and/or peripheral) in order to meet FCC emission limits.

#### Installing the Ferrite Core

A network interface cable with a ferrite core must be used for RF interference suppression.



# User Information on Electrical and Electronic Equipment

## Users in the countries where this symbol shown in this section has been specified in national law on collection and treatment of E-waste

Our Products contain high quality components and are designed to facilitate recycling.

Our products or product packaging are marked with the symbol below.



The symbol indicates that the product must not be treated as municipal waste. It must be disposed of separately via the appropriate return and collection systems available. By following these instructions you ensure that this product is treated correctly and help to reduce potential impacts on the environment and human health, which could otherwise result from inappropriate handling. Recycling of products helps to conserve natural resources and protect the environment.

For more detailed information on collection and recycling systems for this product, please contact the shop where you purchased it, your local dealer or sales/service representatives.

## All Other Users

If you wish to discard this product, please contact your local authorities, the shop where you bought this product, your local dealer or sales/service representatives.

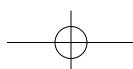
## For Users in India

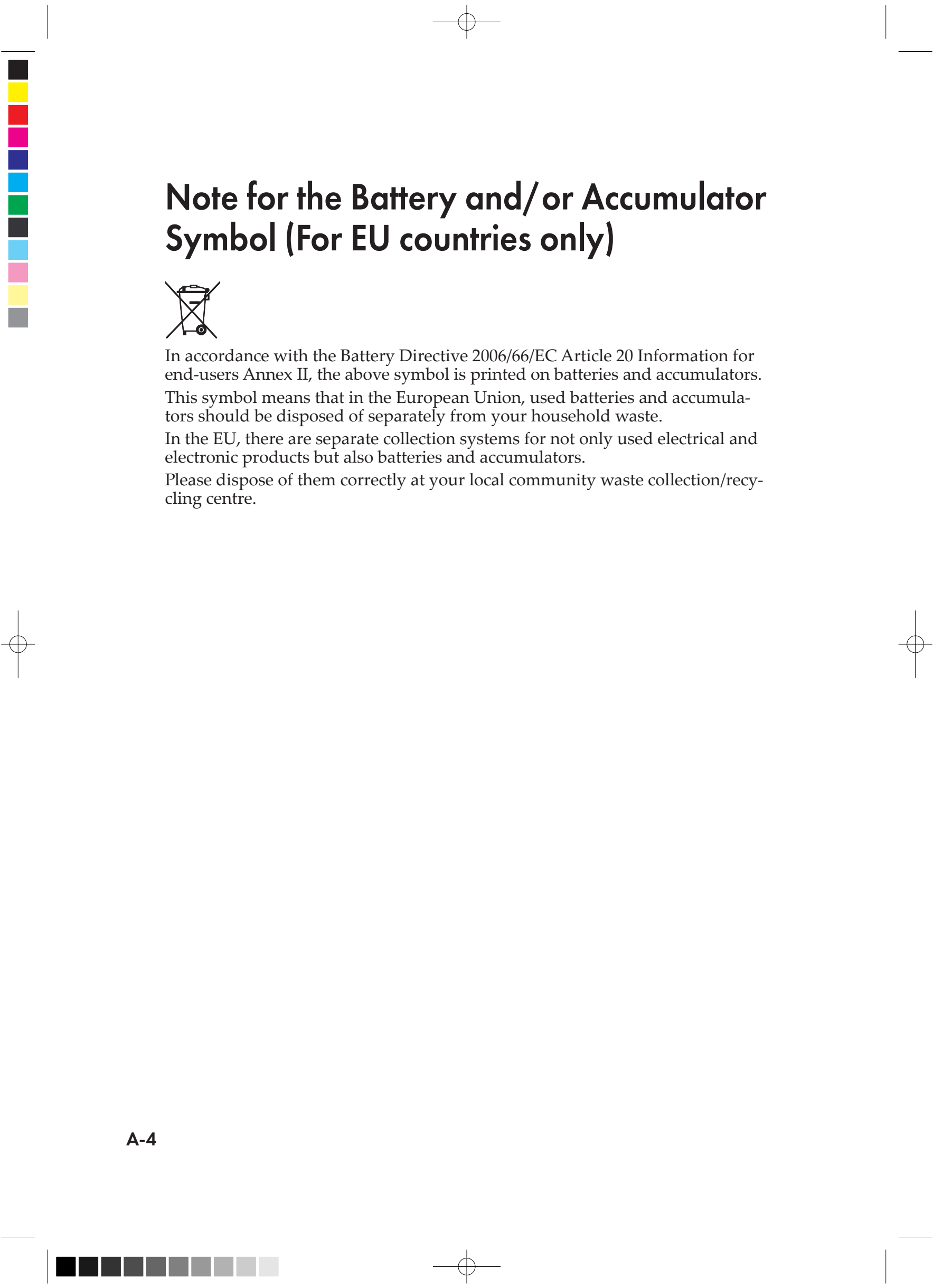
This product complies with the "India E-waste Rule 2011" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

## For Turkey only

EEE Yönetmeliğine Uygundur.

Bu sistem sarf malzemeleri ve yedek parçaları da dahil olmak üzere EEE Yönetmeliğine Uygundur.

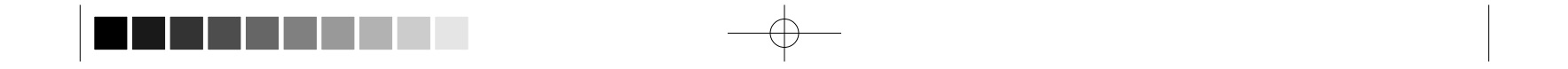




# Note for the Battery and/or Accumulator Symbol (For EU countries only)



In accordance with the Battery Directive 2006/66/EC Article 20 Information for end-users Annex II, the above symbol is printed on batteries and accumulators. This symbol means that in the European Union, used batteries and accumulators should be disposed of separately from your household waste. In the EU, there are separate collection systems for not only used electrical and electronic products but also batteries and accumulators. Please dispose of them correctly at your local community waste collection/recycling centre.



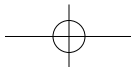




# Notes to users in the state of California (Notes to Users in USA)

Perchlorate Material - special handling may apply, See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)





# Safety Information

## Safety During Operation

In this manual, the following important symbols are used:

**⚠ WARNING:**  
*Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.*

**⚠ CAUTION:**  
*Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.*

## Safety Precautions to be Followed

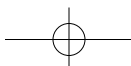
This section explains safety precautions that should always be followed when using this machine.

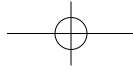
### Environments where the machine can be used

This section explains safety precautions about environments where the machine can be used.

**⚠ WARNING:**

- Do not use flammable sprays or solvents in the vicinity of this machine. Also, avoid placing these items in the vicinity of this machine. Doing so could result in fire or electric shock.*
- Do not place vases, plant pots, cups, toiletries, medicines, small metal objects, or containers holding water or any other liquids, on or close to this machine. Fire or electric shock could result from spillage or if such objects or substances fall inside this machine.*





---

**⚠ CAUTION:**

---

- *Keep the machine away from humidity and dust. Otherwise a fire or an electric shock might occur.*
  - *Do not place the machine on an unstable or tilted surface. If it topples over, an injury might occur.*
  - *Do not place heavy objects on the machine. Doing so can cause the machine to topple over, possibly resulting in injury.*
- 

**Handling power cords and power plugs**

---

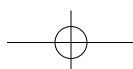
This section explains safety precautions about handling power cords and power plugs.

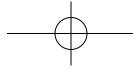
---

**⚠ WARNING:**

---

- ***The supplied power cord is for use with this machine only. Do not use it with other appliances. Doing so could result in fire or electric shock.***
- ***Touching the prongs of the power cable's plug with anything metallic constitutes a fire and electric shock hazard.***
- ***Do not use power cords that are damaged, broken, or modified. Also, do not use power cords that have been trapped under heavy objects, pulled hard, or bent severely. Doing so could result in fire or electric shock.***
- ***It is dangerous to handle the power cord plug with wet hands. Doing so could result in electric shock.***
- ***Do not use extension cords. Doing so could result in fire or electric shock.***
- ***Do not use multi-socket adaptors. Doing so could result in fire or electric shock.***
- ***Do not use any power sources other than those that match the specifications shown. Doing so could result in fire or electric shock.***





---

**⚠ CAUTION:**

- *If this machine is not going to be used for several days or longer at a time, disconnect its power cord from the wall outlet.*
- *Be sure to push the plug of the power cord fully into the wall outlet. Partially inserted plugs create an unstable connection that can result in unsafe buildup of heat.*
- *When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.*
- *Be sure to disconnect the plug from the wall outlet and clean the prongs and the area around the prongs at least once a year. Allowing dust to build up on the plug constitutes a fire hazard.*
- *When performing maintenance on the machine, always disconnect the power cord from the wall outlet.*

Power Source

100-240 V, 3 A, 50/60 Hz

Please be sure to connect the power cord to a power source as above.

---

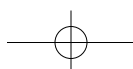
**Handling the main machine**

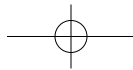
This section explains safety precautions about handling the main machine.

---

**⚠ WARNING:**

- ***The following explains the warning messages on the plastic bag used in this product's packaging.***
  - ***Keep the polythene materials (bags, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.***
- ***If the machine topples, or if a cover or other part gets broken, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.***





- ***If metal objects, or water or other fluids fall inside this machine, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.***
- ***Be sure to locate the machine as close as possible to a wall outlet. This will allow easy disconnection of the power cord in the event of an emergency.***
- ***If the machine emits smoke or odours, or if it behaves unusually, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.***
- ***Do not touch this machine if a lightning strike occurs in the immediate vicinity. Doing so could result in electric shock.***

---

**⚠ CAUTION:**

- ***Unplug the power cord from the wall outlet before you move the machine. While moving the machine, take care that the power cord is not damaged under the machine. Failing to take these precautions could result in fire or electric shock.***
- ***Contact your service representative if you need to lift the machine (such as when relocating it to another floor). Do not attempt to lift the machine without the assistance of your service representative. The machine will be damaged if it topples or is dropped, resulting in malfunction and risk of injury to users.***

---

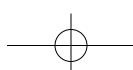
**Handling the machine's interior**

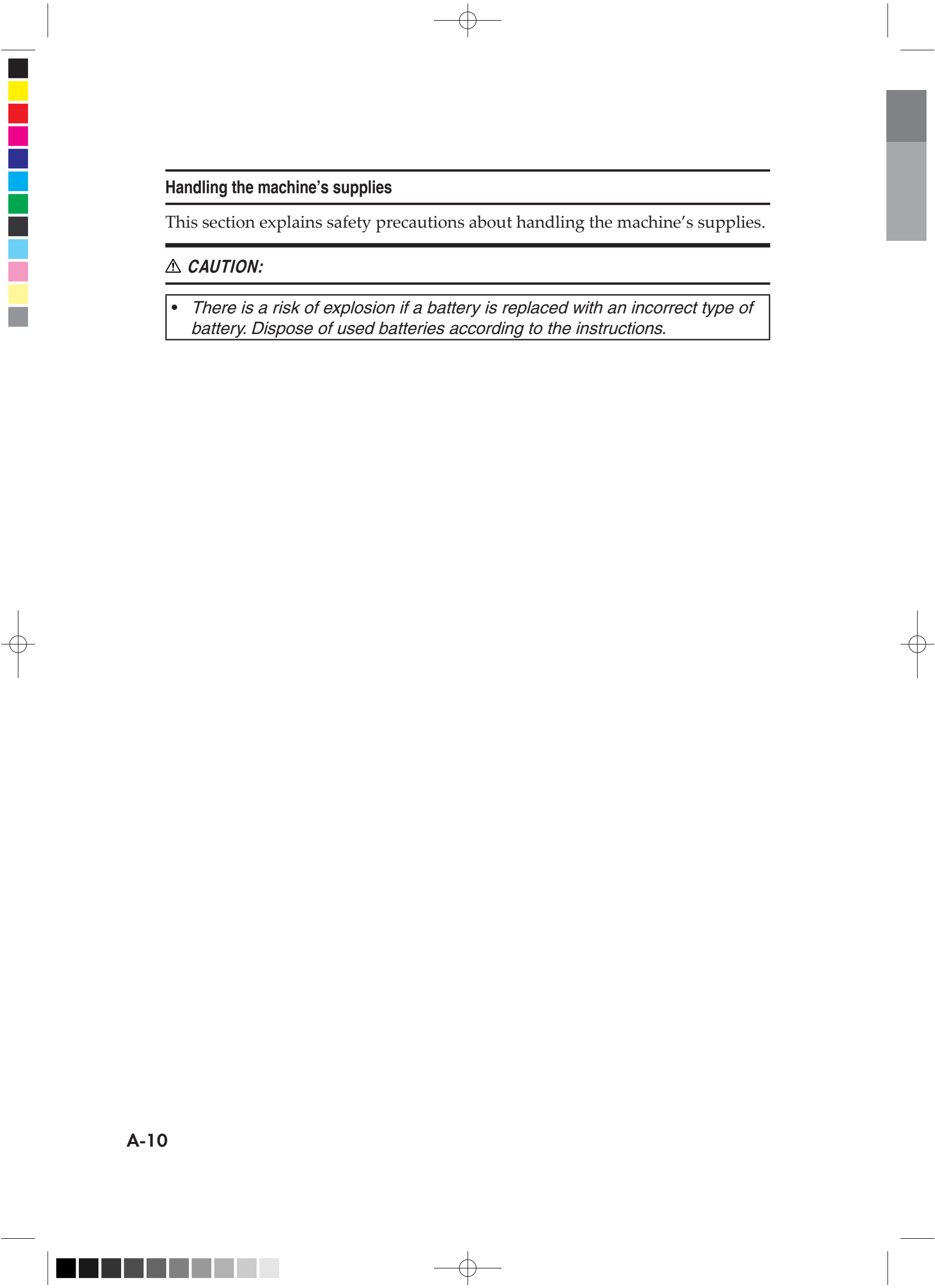
This section explains safety precautions about handling the machine's interior.

---

**⚠ WARNING:**

- ***Do not remove any covers or screws other than those explicitly mentioned in this manual. Inside this machine are high voltage components that are an electric shock hazard. Contact your sales or service representative if any of the machine's internal components require maintenance, adjustment, or repair.***
- ***Do not attempt to disassemble or modify this machine. Doing so risks burns and electric shock.***





### Handling the machine's supplies

This section explains safety precautions about handling the machine's supplies.

#### **⚠ CAUTION:**

- *There is a risk of explosion if a battery is replaced with an incorrect type of battery. Dispose of used batteries according to the instructions.*

# 1. Getting Started

Read this document before installing or using Color Controller.

## ↓ Note

- ❑ Ricoh supplied and is responsible for all the material provided in this document. If you have questions regarding the material contained in this document, please contact Ricoh Americas Corporation.

## Checking the Contents

### For the Site Administrator

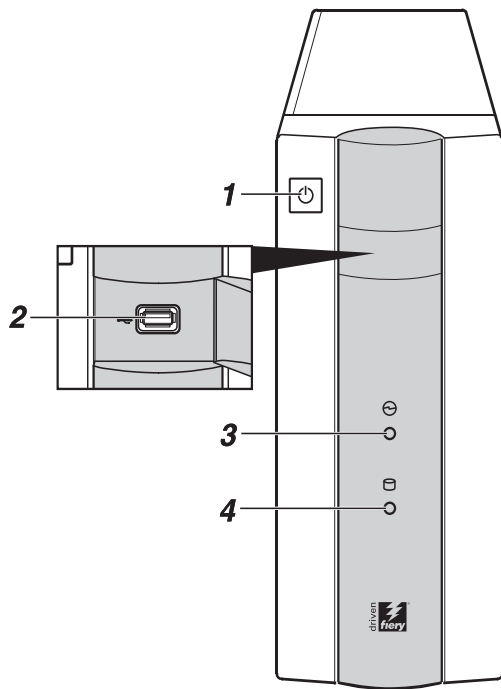
- Media Package
  - 2 DVD-ROMs (User Software DVD, System Software DVD)
  - CD-ROMs (PCL Printer Drivers CD)
  - Quick Setup
  - This Document (Start Guide)
  - PCL Printer Driver User Software License Agreement
  - Gray Scale Kit
  - Ferrite Core
  - Ferrite Core Installation Guide
  - Virtual All Languages Readme \*
- \* Start WebTools and open its [Home] page. When you press the [View] button in Documentation, a new browser window that shows the document site of the Color Controller appears, and the site becomes accessible.

### For the Service Technician

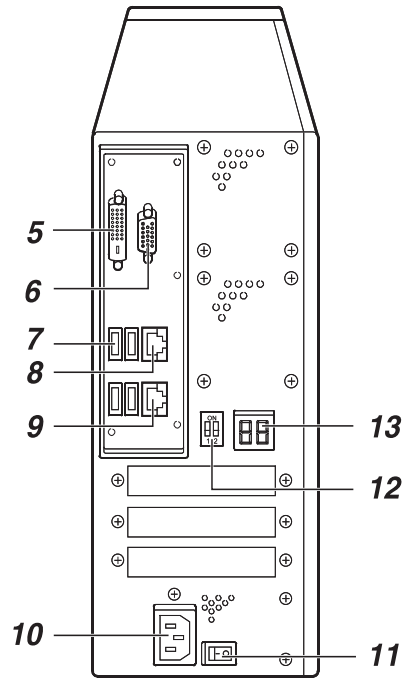
- Color Controller
- Interface Cable (Gigabit Ethernet)
- Protection Plate (For Fiery Controller)
- Fiery Logo
- AC Power Cable
- Installation Procedure
- Protection Plate (For Engine)
- Memory Board (For Engine)
- Gigabit Ethernet Board (For Engine)

# Guide to Components

Front Panel



Back Panel



CWB002

## 1. Power switch

See page A-17 “Color Controller Startup, Shutdown, and Restart”.

## 2. Front side USB port

Port for installing system software, activating Fiery features, or printing from a prepared USB flash drive.

## 3. Power indicator

When Color Controller is operating, the LED is lit.

## 4. HDD access indicator

While Color Controller HDD is being accessed, the indicator flashes.

## 5. Not used (monitor port)

## 6. Not used (monitor port)

## 7. Back side USB ports

Ports for installing system software, acti-

vating Fiery features, or printing from a prepared USB flash drive.

## 8. Network connector 10/100/1000Mbps

A port for connecting Color Controller to a LAN.

## 9. Network connector 10/100/1000Mbps

A port for connecting Color Controller to the main unit.

## 10. Power connector

## 11. Main power switch

See page A-17 “Color Controller Startup, Shutdown, and Restart”.

## 12. Service switches (for service use only)

## 13. LEDs (2-digit diagnostic display)



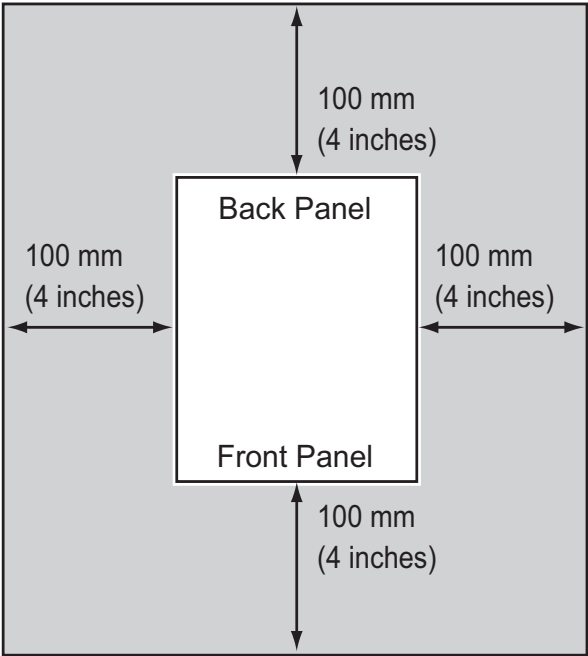
# Positioning Color Controller

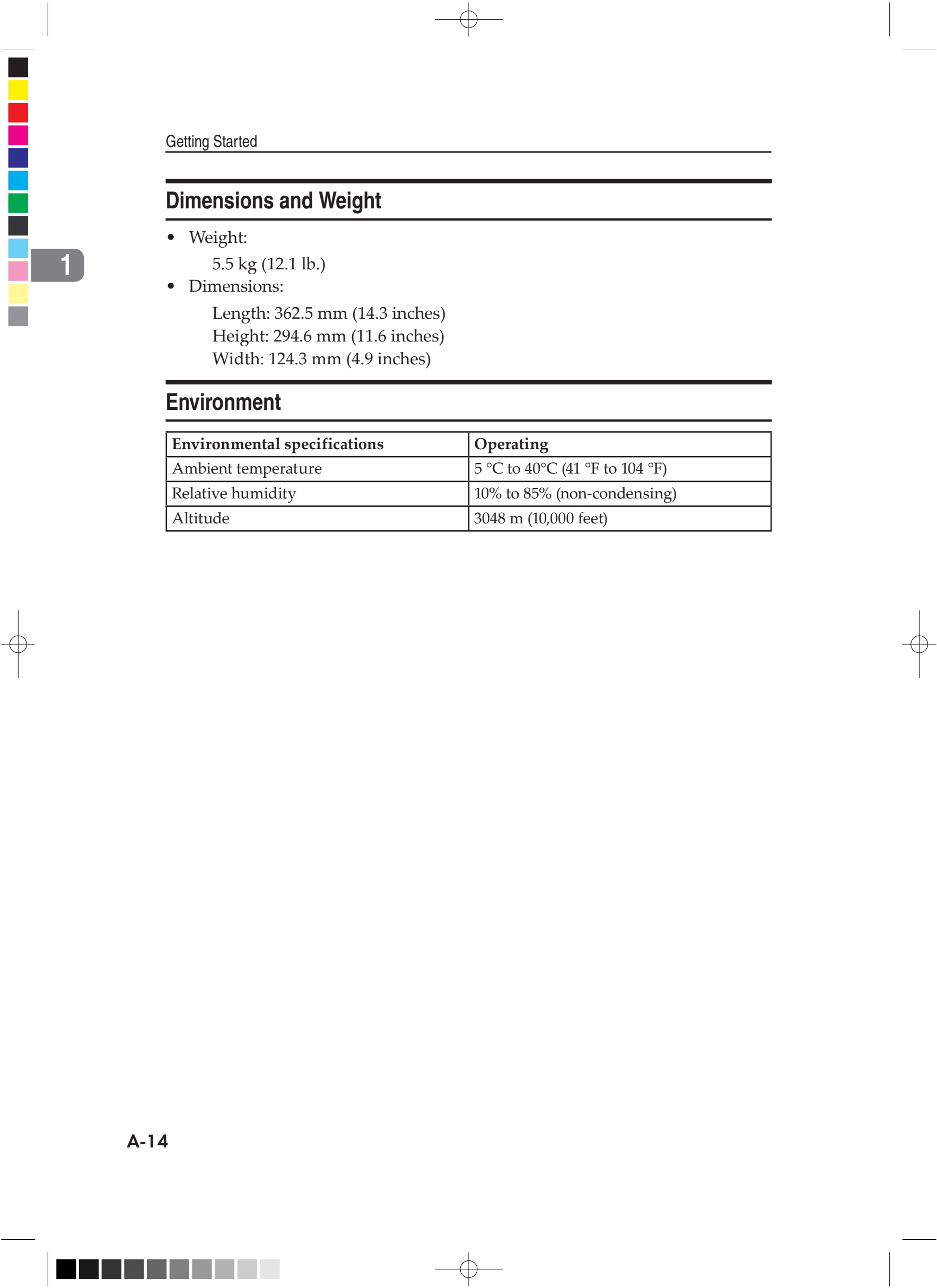
## Caution

- Insert firmly the plug in the outlet.
- Avoid using an outlet extension plug or cord.
- Ground Color Controller. Avoid using a 3-prong adapter in a 2-hole un-grounded outlet.
- Do not put anything on the power cord.

## Space Required for Installation

Place Color Controller near the power source, providing margins as shown.





Getting Started

Dimensions and Weight

- Weight:  
5.5 kg (12.1 lb.)
- Dimensions:  
Length: 362.5 mm (14.3 inches)  
Height: 294.6 mm (11.6 inches)  
Width: 124.3 mm (4.9 inches)

Environment

Environmental specifications	Operating
Ambient temperature	5 °C to 40°C (41 °F to 104 °F)
Relative humidity	10% to 85% (non-condensing)
Altitude	3048 m (10,000 feet)

# Moving Color Controller

## ⚠ CAUTION:

- *When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.*

## ⚠ CAUTION:

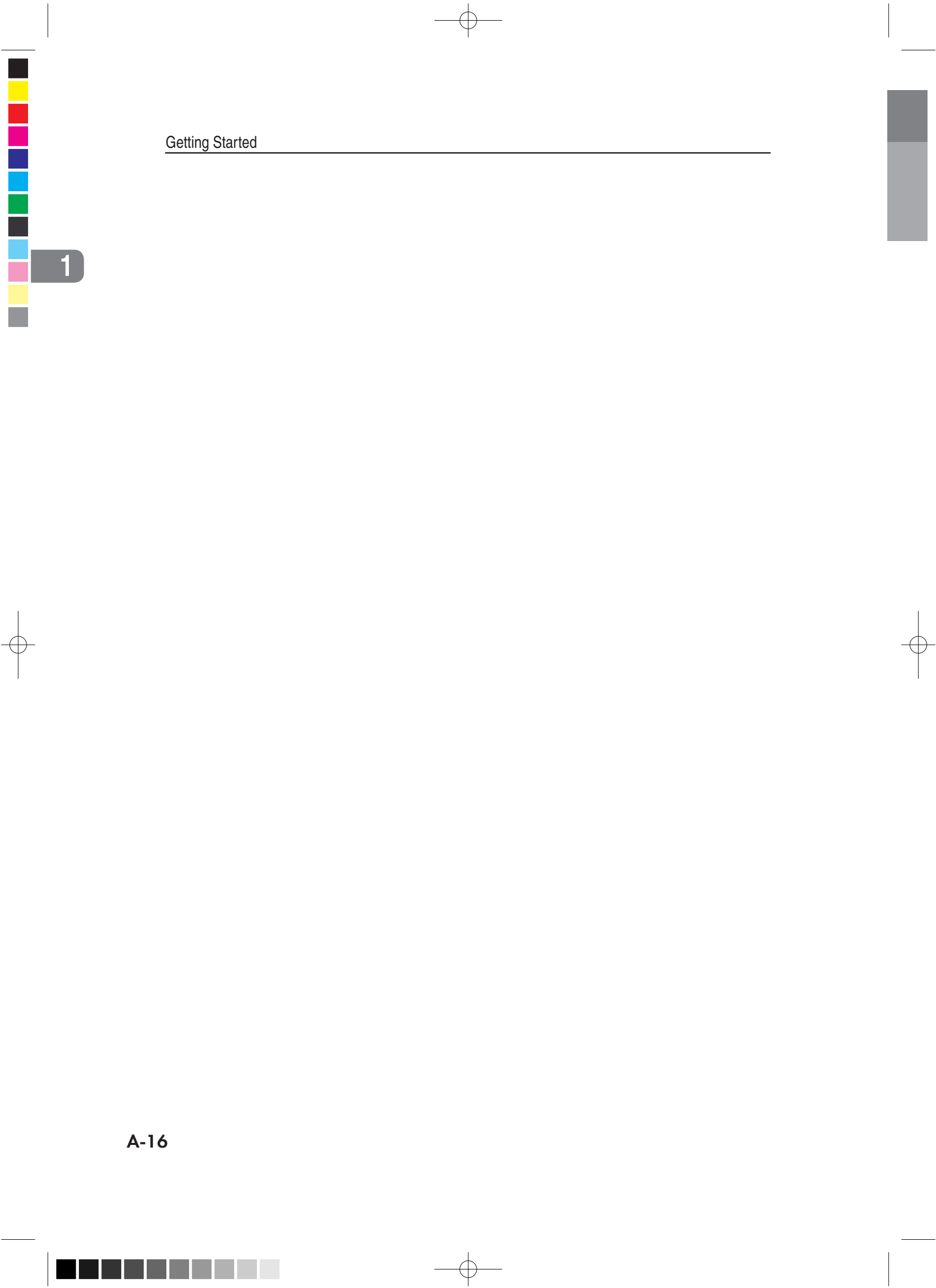
- *Unplug the power cord from the wall outlet before you move the machine. While moving the machine, take care that the power cord is not damaged under the machine. Failing to take these precautions could result in fire or electric shock.*

## ⚠ CAUTION:

- *Contact your service representative if you need to lift the machine (such as when relocating it to another floor). Do not attempt to lift the machine without the assistance of your service representative. The machine will be damaged if it topples or is dropped, resulting in malfunction and risk of injury to users.*

## ★ Important

- ☐ When moving the machine, the following precautions should always be followed:
  - Turn off the main power. See page A-17 "Shutting Down the Main Unit and Color Controller" or page A-18 "Shutting Down Color Controller Only".
  - Unplug the power cord from the wall outlet. When doing this, grip the plug so as not to stress the cord, reducing the risk of fire or electric shock.
- ☐ Move the machine carefully. If you do not, the machine might be damaged or data lost.
- ☐ Protect the machine from impact. Shock could damage the hard disk and result in data loss.



Getting Started

1

A-16

## 2. Using Color Controller

### Color Controller Startup, Shutdown, and Restart

The main unit and Color Controller have separate power switches. It is recommended to keep Color Controller activated for normal operations.

#### Starting the Main Unit and Color Controller

- 1 Turn on the main power switch of the main unit.
- 2 Turn on the main power switch of Color Controller.
- 3 Turn on the power switch of Color Controller.

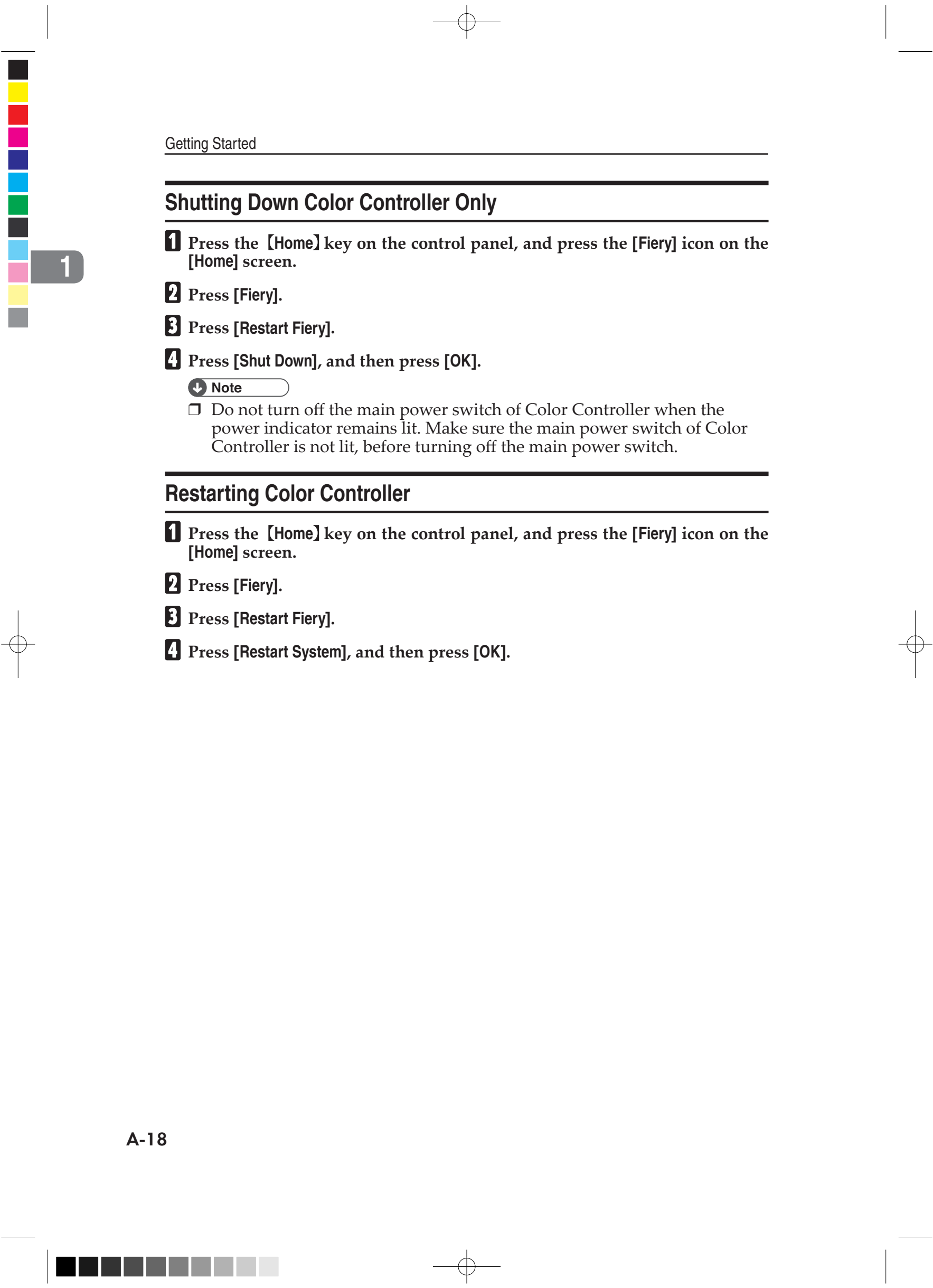
#### Shutting Down the Main Unit and Color Controller

- 1 Press the [Home] key on the control panel, and press the [Fiery] icon on the [Home] screen.
- 2 Press [Fiery].
- 3 Press [Restart Fiery].
- 4 Press [Shut Down], and then press [OK].
- 5 Turn off the main power switch of Color Controller.

**Note**

- ☐ Do not turn off the main power switch of Color Controller when the power indicator remains lit. Make sure the main power switch of Color Controller is not lit before turning off the main power switch.
- ☐ Turning off the main power switch turns off the machine power completely. Use this switch only when necessary.

- 6 Turn off the main power switch of the main unit.



Shutting Down Color Controller Only

- 1 Press the [Home] key on the control panel, and press the [Fiery] icon on the [Home] screen.
- 2 Press [Fiery].
- 3 Press [Restart Fiery].
- 4 Press [Shut Down], and then press [OK].

Note

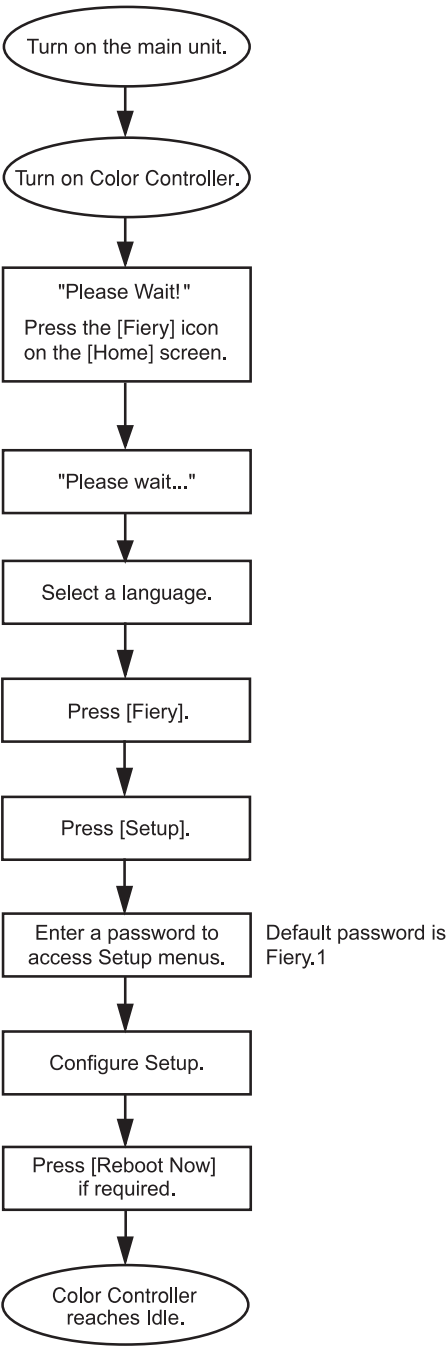
- Do not turn off the main power switch of Color Controller when the power indicator remains lit. Make sure the main power switch of Color Controller is not lit, before turning off the main power switch.

Restarting Color Controller

- 1 Press the [Home] key on the control panel, and press the [Fiery] icon on the [Home] screen.
- 2 Press [Fiery].
- 3 Press [Restart Fiery].
- 4 Press [Restart System], and then press [OK].

# Power Up Sequence

The Color Controller initial configuration is described as follows:  
If system software is reinstalled, language, password, and setup will need to be reconfigured.



DQL003

