

MULTIFUNCTIONAL DIGITAL COLOR SYSTEMS

Quick Start Guide

e-STUDIO2040c

e-STUDIO2540c

e-STUDIO3040c

e-STUDIO3540c

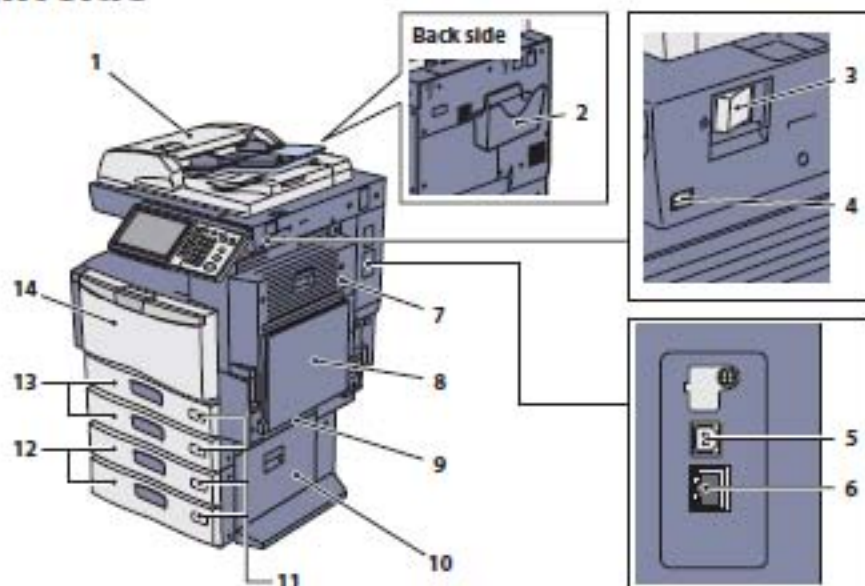
e-STUDIO4540c



Description of Each Component

This section describes the names and operations of the equipment, control panel and touch panel.

Front / Right side



1. Reversing Automatic Document Feeder (optional, MR-3021/MR-3022)

The stack of originals is scanned one sheet at a time. Both sides of the originals can be scanned. A maximum of 100 sheets (80 g/m² or 20 lb. Bond) can be placed in one go. (The maximum number of sheets that can be set may vary depending on the media type of the originals.)

2. Operator's Manual Pocket (back side)

Keep the manual in this pocket.

3. Main power switch

Use this switch to turn the power of the equipment ON or OFF.

☐ P.14 "Turning Power ON/OFF"

4. USB port

Use this connector when printing files stored in a USB device or storing scanned data into the USB device.

5. USB terminal (4-pin)

Use this terminal when connecting this equipment to a PC with a commercially available USB cable.

6. Network interface connector

Use this connector when connecting this equipment to a network.

7. Automatic duplexing unit

This unit makes copies on both sides of the paper. Open it when paper jams occur.

8. Bypass tray

Use this to perform printing on special media types such as OHP film, waterproof paper, etc.

☐ P.25 "Bypass copying" in this manual

9. Paper feed cover

Open this cover when releasing paper misfed in the drawer feeding area.

10. Paper Feed Cover (optional)

Open this cover when releasing paper misfed in the Paper Feed Pedestal (optional) or Large Capacity Feeder (optional).

11. Paper size indicator

The size of the paper set in the drawer can be checked.

12. Paper Feed Pedestal (optional, KD-1027) and Additional Drawer Module (optional, MY-1035) or Large Capacity Feeder (optional, KD-1028)

Use the Paper Feed Pedestal (optional) to add one drawer. The Additional Drawer Module (optional) can be installed in this device.

A maximum of 2500 sheets (80 g/m² or 20 lb. Bond) of plain paper can be placed in the Large Capacity Feeder (optional).

13. Drawer

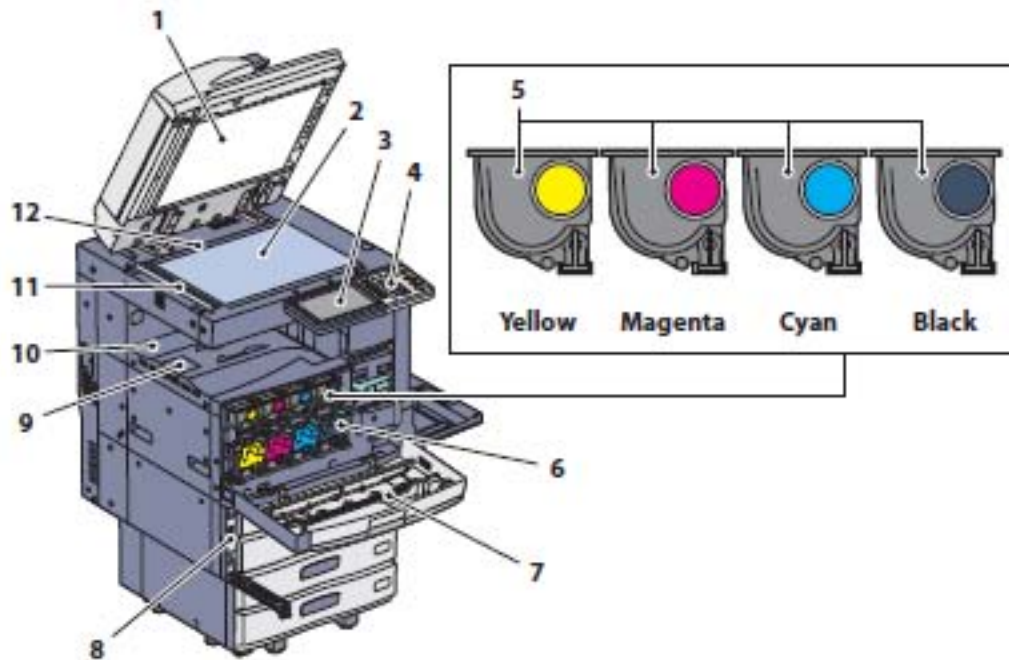
A maximum of 550 sheets (80 g/m² or 20 lb. Bond) or 500 sheets (105 g/m² or 28 lb. Bond) of plain paper can be placed in one go.

☐ P.17 "Placing paper" in this manual

14. Front cover

Open this cover when you replace the toner cartridge and clean the charger.

Left / Inner side



- 1. Platen sheet**
Use this to hold the original on the original glass to scan it.
☐ P.44 "Regular Cleaning" in this manual
- 2. Original glass**
Use this to copy three-dimensional originals, book-type originals and special paper such as OHP film or tracing paper, as well as plain paper.
- 3. Touch panel**
Use this to set and operate various types of functions such as copying, scanning and fax. This also displays messages, such as when paper runs out or paper jams occur.
☐ P.12 "Touch panel" in this manual
- 4. Control panel**
Use this to set and operate various types of functions such as copying and fax.
☐ P.8 "Control panel" in this manual
- 5. Toner cartridge**
When toner runs out, the message appears on the touch panel. Replace the cartridge following the procedure below.
☐ P.38 "Replacing Toner Cartridge" in this manual
- 6. Charger cleaner**
Use this if the copied or printed paper is stained.
- 7. Slit glass cleaner**
Use this if the copied or printed paper is stained.
- 8. Waste toner box**
When "Dispose of used toner" appears on the touch panel, replace the waste toner box according to the following procedures.
☐ P.39 "Replacing Waste Toner Box" in this manual
- 9. Paper exit stopper**
Use this to prevent the exiting paper from falling. Open this when you make many copies or prints on a larger size of paper such as A3, B4, LD and LG.
- 10. Receiving tray**
Printed paper exits into this tray. The loading capacity is approx. 550 sheets (90 g/m² 28 lb. Bond). This may vary depending on the paper conditions such as the degree of paper curling.
- 11. Scanning area**
The data of originals transported from the Reversing Automatic Document Feeder (optional) are scanned here.
☐ P.44 "Regular Cleaning" in this manual
- 12. Original scale**
Use this to check the size of an original placed on the original glass.

Tip

Items marked (optional) are sold separately. More are shown on other pages.
☐ P.64 "Options" in this manual.

e-STUDIO2040C/2540C/3040C/3540C/4540C Specifications

Model name	FC-2040C/FC-2540C/FC-3040C/FC-3540C/FC-4540C	
Type	Desktop type	
Original glass	Fixed	
Printing (copying) system	Indirect electrophotographic method	
Developing system	2-component magnetic brush developing	
Fixing method	Belt fusing	
Photosensor type	OPC	
Original scanning system	Flat surface scanning system (When the Reversing Automatic Document Feeder is installed: Fixed scanning system by feeding the original)	
Original scanning sensor	Linear CCD sensor	
Scanning light source	Xenon lamp	
Resolution	Scanning	600 dpi x 600 dpi
	Writing	Black-and-white: 2400 dpi x 600 dpi (Smoothing process), 1 bit Color, Image smoothing: 600 dpi x 600 dpi, 8 bits
Acceptable originals	Sheets, books and 3-dimensional objects	
Acceptable original size	Max. A3 or LD	
Acceptable copy paper size	Drawer	A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO, LD, LG, LT, LT-R, ST-R, COMP, 13"LG, 8.5"SQ, 8K, 16K, 16K-R
	Bypass	Paper size within 100 - 320 mm (5 1/2" - 12.6") (Length), 148 - 460 mm (8 1/2" - 18.1") (Width) (For printing functions, within 461 mm - 1200 mm (18.15" - 47.24") (width))
Acceptable copy paper weight	Drawer	64 - 256 g/m ² (17 - 80 lb. Cover (140 lb. Index))
	Bypass	64 - 280 g/m ² (17 - 100 lb. Cover (150 lb. Index))
Warm-up time	e-STUDIO2040C/2540C/3040C/3540C: Approx. 99 seconds (AC 100V, 115V), Approx. 89 seconds (AC 220 - 240V) e-STUDIO4540C: Approx. 160 seconds	
First copy time (A4 or LT portrait)	Black-and-white	e-STUDIO2040C/2540C/3040C/3540C: Approx. 6.5 seconds e-STUDIO4540C: Approx. 5.2 seconds
	Color	e-STUDIO2040C/2540C/3040C/3540C: Approx. 8.4 seconds e-STUDIO4540C: Approx. 6.8 seconds
Continuous copy speed	Refer to the Copying Guide.	
Multiple copying	Up to 999 copies (digital key entry)	
Excluded image width	Black-and-white	Leading edge: 3.0±2.0 mm (0.12"±0.08"), Trailing edge: 3.0±2.0 mm (0.12"±0.08"), Both edge: 2.0±2.0 mm (0.08"±0.08")
	Color	Leading edge: 5.0±2.0 mm (0.20"±0.08"), Trailing edge: 3.0±2.0 mm (0.12"±0.08"), Both edge: 2.0±2.0 mm (0.08"±0.08")
	Printer (Black-and-white/Color)	Leading edge: 4.2 mm +2.8 mm - 1.2 mm (0.17" +0.11" -0.05"), Trailing edge: 4.2 mm +1.2 mm -2.8 mm (0.17" +0.05" -0.11"), Both edge: 4.2±2.0 mm (0.08"±0.08")
Reproduction ratio	Actual size	100±0.5%
	Zoom	25 - 400% (in 1 % increments) For the Reversing Automatic Document Feeder 25 - 200% (in 1 % increments)
Paper supply	Drawer	Approx. 550 sheets (80 g/m ² , 20 lb. Bond), Approx. 500 sheets (105 g/m ² , 28 lb. Bond)
	Bypass	Approx. 100 sheets (80 g/m ² , 20 lb. Bond), Approx. 80 sheets (105 g/m ² , 28 lb. Bond)
Receiving tray loading capacity	Approx. 550 sheets (80 g/m ² , 20 lb. Bond)	
Toner density adjustment	Magnetic auto-toner system	
Exposure control	Automatic plus manual selection from 11 exposure step	
USB Interface	USB 2.0 (Hi-Speed)	
Environment (for normal use)	Temperature: 10° - 30 °C (50° - 86 °F), Humidity: 20 - 85% (No Condensation)	
Power requirements and Power consumption (Including optional equipments)	AC 220-240V±10%, 8 A (50/60 Hz): 2.0 kW or less AC 115 V±10%, 12 A (50/60 Hz): 1.5 kW or less	
Dimensions (equipment only)	699 mm (27.5") (W) x 742 mm (29.2") (D) x 759 mm (29.9") (H)	
Weight	Europe and North America: Approx. 121 kg (267 lb.) Other: Approx. 123 kg (271 lb.) (equipment including developer and drum)	
Space occupied (equipment only)	1100 mm (43.3") (W) x 855 mm (33.7") (D)	
Storage capacity	Max. 1000 sheets or until the memory is full (Toshiba's own chart)	

* This specification varies depending on the printing conditions and the environment.

* Specifications and appearance are subject to change without notice in the interest of product improvement.