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User manual KYOCERA KM-1505
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INSTRUCTION HANDBOOK
KM-1505



Please read the instruction handbook before using the copier.
Keep it close to the copier for easy reference.



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Manual abstract:

S. registered mark. All rights reserved. @@Legal Restriction On Copying · It may be prohibited to copy copyrighted material without permission of the copyright owner. · It is prohibited under any circumstances to copy domestic or foreign currencies. · Copying other items may be prohibited. Please read the instruction handbook before using the copier. Keep it close to the copier for easy reference. The sections of this handbook and parts of the copier marked with symbols are safety warnings meant to protect the user, other individuals and surrounding objects, and ensure correct and safe usage of the copier. The symbols and their meanings are indicated below.

DANGER: Indicates that serious injury or even death will very possibly result from insufficient attention to or incorrect compliance with the related points. **WARNING:** Indicates that serious injury or even death may result from insufficient attention to or incorrect compliance with the related points. **CAUTION:** Indicates that personal injury or mechanical damage may result from insufficient attention to or incorrect compliance with the related points. Symbols The m symbol indicates that the related section includes safety warnings. Specific points of attention are indicated inside the symbol.

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.... [General warning]

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... [Warning of danger of electrical shock]

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.. [Warning of high temperature] The symbol indicates that the related section includes information on prohibited actions. Specifics of the prohibited action are indicated inside the symbol. .

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.... [Warning of prohibited action]

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.... [Disassembly prohibited] The q symbol indicates that the related section includes information on actions which must be performed. Specifics of the required action are indicated inside the symbol.

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. [Alert of required action]

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..... [Remove the power plug from the outlet]

.....
.....

..... [Always connect the copier to an outlet with a ground connection] Please contact your service representative to order a replacement if the safety warnings in the handbook are illegible or if the handbook itself is missing. (fee required) CONTENTS CHAPTER 1 IMPORTANT! PLEASE READ FIRST. ..

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copier <Standard zoom mode> (page 4-3) 2 Making clear reproductions of photographs <Copy quality selection> (page 4-1) ii CHAPTER 1 IMPORTANT!
PLEASE READ FIRST. CAUTION LABELS Caution labels have been attached to the copier at the following locations for safety purposes. BE

*SUFFICIENTLY CAREFUL to avoid fire or electric shock when removing a paper jam or when replacing toner. Label 2 High temperature inside.
Do not touch parts in this area, because there is a danger of getting burned.*

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. Label 1 High voltage inside. NEVER touch parts in this area, because there is a danger of electric shock.

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.... NOTE: DO NOT remove these labels. 1-1 INSTALLATION PRECAUTIONS s Environment CAUTION · Avoid placing the copier on or in locations which are unstable or not level. Such locations may cause the copier to fall down or fall over. This type of situation presents a danger of personal injury or damage to the copier. ..

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. · Avoid locations with humidity or dust and dirt. If dust or dirt become attached to the power plug, clean the plug to avoid the danger of fire or electrical shock. ..

.. · Avoid locations near radiators, heaters, or other heat sources, or locations near flammable items, to avoid the danger of fire. ..

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*.... · To keep the copier cool and facilitate changing of parts and maintenance, allow access space as shown below.
Leave adequate space, especially around the left cover, to allow air to be properly ventilated out of the copier.*

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..... s Power supply/Grounding the copier WARNING · DO NOT use a power supply with a voltage other than that specified.

Avoid multiple connections in the same outlet. These types of situations present a danger of fire or electrical shock.

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.... · Plug the power cord securely into the outlet. If metallic objects come in contact with the prongs on the plug, it may cause a fire or electric shock.

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... · Always connect the copier to an outlet with a ground connection to avoid the danger of fire or electrical shock in case of an electric short. If an earth connection is not possible, contact your service representative.

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Other precautions · Connect the power plug to the closest outlet possible to the copier. · The power supply cord is used as the main disconnect device. Ensure that the socket/outlet is located/installed near the equipment and is easily accessible. Rear: 1113/16", 30 cm Left: 1911/16", 50 cm Right: 1113/16", 30 cm s Handling of plastic bags WARNING · Keep the plastic bags that are used with the copier away from children. The plastic may cling to their nose and mouth causing suffocation.

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Front: 393/8", 100 cm Other precautions · Adverse environmental conditions may affect the safe operation and performance of the copier. Install in an air-conditioned room (recommended room temperature: around 68°F(20°C), humidity: around 65%RH) and avoid the following locations when selecting a site for the copier. · Avoid locations near a window or with exposure to direct sunlight. · Avoid locations with vibrations. · Avoid locations with drastic temperature fluctuations. · Avoid locations with direct exposure to hot or cold air.

· Avoid poorly ventilated locations. 1-2 PRECAUTIONS FOR USE s Cautions when using the copier WARNING · DO NOT place metallic objects or containers with water (flower vases, flower pots, cups, etc.) on or near the copier. This of situation presents a danger of fire or electrical shock should they fall inside.



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Store it in the space shown in the illustration. 6 NOTE Gently push the drawer back in. * If you force the drawer in, the paper may come out from under the claw.

Leaving paper out of its package under high temperature and high humidity conditions may lead to problems caused by ambient moisture. After loading paper into the drawer, store the remaining paper sealed in the paper storage bag. Also, before leaving the copier in disuse for a prolonged period of time, remove the paper from the drawer and seal it in the paper storage bag to protect it from moisture. 5 Set the paper flush against the left-hand wall of the drawer. (3) Loading paper into the multi-bypass Standard paper (60 - 160 g/m²/standard paper as specified by our company), colored paper and special paper can be loaded into the multi-bypass.

The multi-bypass can hold up to 50 sheets of standard paper of 64 to 80 g/m². (Inch specifications) The multi-bypass can hold paper of any size from 8 1/2" x 14" (legal) to 5 1/2" x 8 1/2" (vertical). (Metric specifications) The multi-bypass can hold paper of any size from folio to A6 (vertical). The types of special paper that can be used with the multi-bypass and the number of sheets that can be loaded are as follows: · Transparencies: 1 sheet · Standard paper (160 g/m²): 1 sheet * When copying onto special paper, be sure to use the multi-bypass. IMPORTANT * Load paper so that it is kept under the claw of the drawer. * When loading paper into the drawer, make sure that the copy side is facing upward (the copy side is the side facing upward when the package is opened.) * Check that the length and width guides securely contact the paper. If there is a gap, adjust the position of the length or width guide to close it. * Load paper all at once and do not add paper until all sheets are used up. If you add paper to a drawer that still contains paper, a paper misfeed may occur.

* Do not use paper with curls, creases, folds, or with rough or uneven edges caused by improper cutting. Depending on the type, cut condition, or storage condition of the paper, copied paper may become extremely curled or a paper misfeed may occur. Should such problems occur, remove the paper from the drawer and turn the paper upside down. 1 Open the multi-bypass. 3-2 CHAPTER 3 PREPARATIONS BEFORE USE 2 Pull out the support guide. IMPORTANT * When loading paper into the multi-bypass, make sure that the copy side is facing downward. (The copy side is the side facing upward when the package is opened.) If the leading edge of the paper is curled, straighten it out before loading the paper in the multi-bypass. * Do not leave paper loaded in the multi-bypass when it is not used. If you do, a paper misfeed may occur.

* When loading paper into the multi-bypass, place it lengthwise as shown in the illustration. Do not load paper widthwise. Copier 3 Adjust the insert guides to the width of the paper to be loaded. Copier q Setting the paper size for the multi-bypass Set the paper size for the multi-bypass according to the paper to be loaded. 4 Insert the paper along the insert guides as far as it will go.

1 When you select the multi-bypass by pressing the Paper Select key, the multi-bypass indicator flashes and the current paper size of the multi-bypass is indicated on the copy quantity/magnification display. (Inch specifications) -L-: Legal, letter -S-: Statement XXX: Setting of non-standard size paper width for multibypass (Metric specifications) -A4- A4 -A5- A5 -A6- A6 -FL-: Folio XXX: Setting of non-standard size paper width for multibypass * Setting of non-standard size paper width for multi-bypass will not be displayed if "OFF" is selected in "Turning multibypass non-standard size paper setting ON/OFF" (see page 5-2). (English text panel) (Symbol panel) 3-3 CHAPTER 3 PREPARATIONS BEFORE USE 2 Select the paper size by changing the display indication using the Paper Select key. (Inch specifications) (Metric specifications) The display indication can also be changed using the Number of Copies/Zoom (+) key or Number of Copies/Zoom (-) key. @@The multi-bypass indicator will light and normal copying enabled.

(English text panel) (Symbol panel) 3-4 CHAPTER 3 PREPARATIONS BEFORE USE 2. How to set originals (1) Setting an original on the platen 1 Set the original with the side to be copied facing downward. Be sure to align a corner of the original with the rear left corner of the platen. 3-5 CHAPTER 3 PREPARATIONS BEFORE USE 3. Replacing the toner container and waste toner tank When the level of toner becomes low, the Add Toner indicator lights and a toner replacement message is printed out. When the message is printed, replace the toner container and waste toner tank immediately. It is still possible to make copies, one at a time, with the indicator lit. However, if copying is continued under this condition, the Start indicator will eventually go off and copying will become disabled. Be sure to replace the waste toner tank when replacing the toner container. Use the new waste toner tank that is supplied with the toner container.

The toner replacement message is as follows: "Replace waste toner tank at the time of toner container exchange surely, and do charge wire cleaning." * Replenish toner only when the Add Toner indicator is lit. * Replace the toner container with the main switch turned ON (I). (English text panel) (Symbol panel) 1 Open the front cover. 2 Remove the waste toner tank. 3 CAUTION Do not incinerate toner and toner containers. Dangerous sparks may cause burns. Close the opening of the waste toner tank with its seal. 1 2 WARNING High voltage is present in the charger section. Take sufficient care when working in this area, as there is a danger of electrical shock.

CAUTION Do not incinerate toner and toner containers. Dangerous sparks may cause burns. 3-6 CHAPTER 3 PREPARATIONS BEFORE USE 4 Slide the toner container to the left and then pull it out toward you. 6 Hold the new toner container vertically and tap the top 15 times. Turn the container upside-down and tap the top 15 times.

Then, hold the container horizontally and shake it from side to side 10 times. WARNING High voltage is present in the charger section. Take sufficient care when working in this area, as there is a danger of electrical shock. 5 Gently pull the cleaning shaft out as far as it will go and push it back in 2 to 3 times. 7 Install the toner container.

* First insert the toner container into the copier as far as it will go and then slide it to the right as indicated by the marked arrows. IMPORTANT Do not pull the cleaning shaft with force or pull it out completely. 3-7 CHAPTER 3 PREPARATIONS BEFORE USE 8 Install the waste toner tank. NOTE If the waste toner tank is not installed correctly, the front cover will not close. 9 NOTE Close the front cover.



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(Inch) 4.13" to 8.50" (4.13" *) (Metric) 105 to 216 mm (105 mm*) * The maximum width of the print area is 210 mm, with respect to the paper centerline.

F11 Copy limit Limits the number of copies that can be made at a time.

1 to 99 copies (99 copies*) 5-2 CHAPTER 5 COPIER DEFAULT SETTING Default code F12 Setting item Silent mode Setting contents Selects the length of time from when copying ends to when entering the silent mode, which stops the motors inside the copier. When "0 seconds" is selected, the motors stop immediately after copying has been finished. Setting code 1: 0 seconds 2: 5 seconds 3: 10 seconds* 4: 15 seconds 5: 30 seconds F13 Auto shut-off Turns the auto shut-off function (page 4-4) ON or OFF. The auto shut-off function automatically turns the main switch OFF if copying is not performed for a certain period of time. * If auto shut-off interferes with your copying operations, turn this function OFF.

It is recommended to set a longer interval for triggering the auto shut-off rather than turn it OFF. 1: ON* 2: OFF F14 Auto preheat time Selects the length of time from when copying ends to when the energy saver (auto preheat) function (page 4-4) is triggered. 1: 5 minutes 2: 10 minutes 3: 15 minutes* 4: 20 minutes 5: 25 minutes 6: 30 minutes 7: 35 minutes 8: 40 minutes 9: 45 minutes F15 Auto shut-off time Selects the length of time from when the copier is not used to when the auto shut-off function (page 4-4) turns the main switch OFF automatically. The auto shut-off function can also be turned OFF. If turned OFF, this setting cannot be made (see "Auto shut-off").

* This setting item will not be displayed if "OFF" is selected for "Auto shut-off". * It is recommended to set a long period of time to trigger the auto shut-off if the copier is used frequently, and set a short period of time if the copier is used only occasionally. * For how to cancel the auto shut-off function, see "Auto shut-off". 1: 15 minutes 2: 30 minutes* 3: 45 minutes 4: 60 minutes 5: 75 minutes 6: 90 minutes 7: 105 minutes 8: 120 minutes F16 Preheat recovery time Selects the mode of the energy saver (auto preheat) function (page 4-4) from the recovery priority mode and power save priority mode. The length of time that the copier uses to recover from the energy saver (auto preheat) function can be selected between within 10 seconds (recovery priority mode) and within 30 seconds (power save priority mode). 1: Recovery priority mode 2: Power save priority mode* 5-3 CHAPTER 5 COPIER DEFAULT SETTING Default code F17 Setting item Viewing total counter value Setting contents Displays the total number of copies made. The total number of copies are displayed on the copy quantity display three digits at a time. Example When the total number of copies is 1,234 "---" R "001" R "234" * The total counter value can also be checked in the following way: 1 Hold down the Stop/Reset key for 5 seconds. 2 The total counter value is displayed. Setting code F18 Toner counter report Prints a report on the toner consumption ratio.

Using this toner consumption ratio, you can manage when the toner container needs replacing. If the toner consumption ratio is very high, it is recommended to combine the use of the economy mode (page 4-1) with the regular use. F19 Toner replacement message output setting When the toner is used up and toner container replacement is required, a message requesting the user to replace the toner container will be printed. Select "OFF" when not printing the message.

1: ON* 2: OFF F20 Paper feed shifting adjustment Adjusts displacement of the copy image. -3.0 to 3.0 (0*) in increments of 0.1 F21 Paper feed shifting adjustment (multi-bypass) Adjusts displacement of the copy image. * Be sure to use 8 1/2" x 11" (letter)/A4 paper.

-3.0 to 3.0 (0*) in increments of 0.1 F22 Inch/metric specifications setting Switches the copier specifications setting between inch and metric. * Since the specifications setting is made at the factory, it is not necessary to make this setting under normal circumstances.

* If "A" and "011" alternate on the copy quantity display, the copier initializes the data to remedy an error. If this occurs, make the specifications setting. 1: Inch 2: Metric 3: Metric (Japan) F23 Folio length setting (drawer) When folio is selected as the paper size, this sets the length of folio. * This setting item is available only when metric is selected for the copier specifications. 1: 210 mm* 2: 216 mm F24 Folio length setting (bypass) When folio is used, this sets the length of folio.

* This setting item is available only when metric is selected for the copier specifications. 200 to 216 mm (210 mm*) 5-4 CHAPTER 5 COPIER DEFAULT SETTING 2. How to make default settings 1 Hold down both of the copy exposure adjustment keys for 3 seconds. "F00" (default code) appears on the copy quantity display. (English text panel) (Symbol panel) 4 5 When the report is printed out, the display returns to that for step 2. To make other settings, perform the respective procedures (see below). To end the making of default settings, proceed to step 17. Enter the paper width by pressing the Number of Copies/Zoom (+) key or Number of Copies/Zoom (-) key. The paper width can be set from 4.13" to 8.

50" (105 to 216 mm). (Inch specifications) (Metric specifications) 2 The default code changes each time the Number of Copies/Zoom (+) key or Number of Copies/Zoom (-) key is pressed. Select a default code by referring to the table shown in "1. Default settings". (English text panel) (Symbol panel) 6 7 Press the Zoom Input/Enter key. The display returns to that for step 2. To end the making of default settings, proceed to step 17. Enter the copy limit (99 copies or lower) by pressing the Number of Copies/Zoom (+) key or Number of Copies/Zoom (-) key. @@If "F01" or "F18" is selected, a report will be printed out. Proceed to step 4.

If "F10" is selected, proceed to step 5. If "F11" is selected, proceed to step 7. If "F20" or "F21" is selected, proceed to step 9. If "F24" is selected, proceed to step 13. If a code other than the above is selected, proceed to step 15.

(English text panel) (Symbol panel) 8 Press the Zoom Input/Enter key. The display returns to that for step 2. To end the making of default settings, proceed to step 17. 5-5 CHAPTER 5 COPIER DEFAULT SETTING 9 Press the Start key. The image pattern shown in the illustration will be printed out.

* When adjusting paper feed shifting of the multi-bypass, be sure to use 8 1/2" x 11" (letter)/A4 paper. 14 15 Press the Zoom Input/Enter key. The display returns to that for step 2.



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To end the making of default settings, proceed to step 17. The setting code changes each time the Number of Copies/ Zoom (+) key or Number of Copies/Zoom (-) key is pressed. Select a setting code by referring to the table shown in "1. Default settings". (English text panel) (Symbol panel) Image center 10 11 Fold the paper precisely into two to obtain the center line of the paper and then compare it with the center line of the image. Adjust the value using the Number of Copies/Zoom (+) key or Number of Copies/Zoom (-) key. Adjustment can be made between -3.

0 and 3.0 (changing the value by 0.1 moves the image center line by 0.1 mm). 16 17 Press the Zoom Input/Enter key. The display returns to that for step 2. To end the making of default settings, proceed to the next step. When "F00" appears, press the Zoom Input/Enter key. The display indication changes from the default code to the number of copies. (English text panel) (Symbol panel) 1 2 + If the image looks like 1, increase the value.

If the image looks like 2, decrease the value. 12 13 Press the Zoom Input/Enter key. The display returns to that for step 2. To end the making of default settings, proceed to step 17. Set the length of folio (200 to 216 mm) by pressing the Number of Copies/Zoom (+) key or Number of Copies/Zoom (-) key. (English text panel) (Symbol panel) * You can also end the making of default settings by pressing the Stop/Reset key. 5-6 CHAPTER 6 WHEN A PROBLEM OCCURS 1. Error and status indications When any of the indications listed in the table below appears on the operation panel, take the corrective action as instructed. Indication "A" and "100" alternate on the copy quantity display. Action Turn the main switch OFF and ON and check that the lamp under the platen turns on during copying.

If the lamp turns on, leave the power turned on for approximately 1 hour. If the same indication appears again, contact your service representative. If the lamp does not turn on, contact your service representative. Page "C" and "610", "620", "630" or "710" alternate on the copy quantity display. Contact your service representative. "A" and "310", "400", "401" or "510" alternate on the copy quantity display. Turn the main switch OFF and ON. If the same indication appears again, contact your service representative. 6-1 CHAPTER 6 WHEN A PROBLEM OCCURS Indication "A" and "011" alternate on the copy quantity display. Action If this indication appears, turn the main switch OFF and ON.

An error message will automatically be printed out. The copier initializes the data to remedy the error. Make the specifications setting (F22 Inch/metric specifications setting) before using the copier again. If the same indication appears again or if the same indication appears frequently, contact your service representative. The error message is as follows: "Default data was initialized. Need initial setting to use the machine. Input F22: User Code. cf. User manual." Page 5-4 5-5 The Add Toner indicator lights.

Making one copy at a time is still possible for some time with the indicator lighting but it will eventually be disabled. Replace the toner container and wasted toner tank as soon as possible. * If you replace the toner container with the main switch turned OFF (O), the Add Toner indicator may not go out. In this case, open and close the front cover. 3-6 "AP" appears on the copy quantity display.

Toner is being replenished inside the copier. Wait a few minutes. * Although the lamp under the platen may remain lit while "AP" is displayed, it is not a problem. "PF" appears on the copy quantity display. · A paper misfeed occurred in the drawer of the flashing indicator.

Remove the misfed paper. · The drawer of the flashing indicator is not inserted correctly. Close the drawer securely. · There is no paper in the drawer of the flashing indicator. Load paper. 6-3 3-1 "E07" appears on the copy quantity display. The set paper size is different from that of the paper used. Check the paper size setting and the actual paper size, and set the paper size to the size of the actual paper or use a paper of the set size. 3-3 5-2 5-5 "E30" appears on the copy quantity display. The tape in the developing section has not been removed.

(See the installation manual.) "J96", "J98" or "J00" appears on the copy quantity display. Open the drawer and left cover and check for any misfed paper. If the same indication appears, contact your service representative. 6-3 "OP" appears on the copy quantity display. The front or left cover is open. Close the cover. 6-2 CHAPTER 6 WHEN A PROBLEM OCCURS 2. When paper misfeed occurs, copying will stop. An indication signaling a paper misfeed appears on the operation panel and an indicator lights showing the location of a paper misfeed.

Remove the misfed paper by referring to "(3) Removal procedures" on page 6-4, with the main switch in the ON (I) position. 21 (1) Misfeed location indications 1 Misfeed in paper feed section (page 6-4) "PF" appears on the copy quantity display and the drawer indicator or multi-bypass indicator flashes green. 2 Misfeed in left cover (page 6-4) "J20", "J22", "J40", "J50" or "J95" appears on the copy quantity display and the misfeed indicator lights red. (2) Cautions WARNING High voltage is present in the charger section. Take sufficient care when working in this area, as there is a danger of electrical shock. * When "J96", "J98" or "J00" is displayed, see page 6-2. CAUTION The copier's fixing unit is extremely hot. Take sufficient care when working in this area, as there is a danger of getting burned. * Do not reuse misfed paper. * If paper is torn during removal, be sure to remove all loose scraps from inside the copier, or they could cause misfeed later.

* After misfed paper has been removed, warm-up will begin. The misfeed indicator will turn off and the copier will return to the same settings prior to the misfeed. 6-3 CHAPTER 6 WHEN A PROBLEM OCCURS (3) Removal procedures 1 Misfeed in paper feed section q Misfeed in drawer If the drawer indicator flashes green when the drawer is used, a misfeed has occurred in the drawer. Remove the misfed paper using the procedure given below. q Misfeed in multi-bypass If the multi-bypass indicator flashes green when the multi-bypass is used, a misfeed has occurred in the multi-bypass. Remove the misfed paper using the procedure given below. 1 Remove all the paper remaining in the multi-bypass.



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1 Open the drawer. 2 Remove the misfed paper while taking care not to tear it. * If the paper should be torn, remove all the scraps from the inside the copier.

Check that the indicator showing the location of the paper misfeed has turned off and re-load the paper into the multibypass. 2 Misfeed in left cover If the misfeed indicator lights red, a misfeed has occurred in the left cover. Remove the misfed paper using the procedure given below. 1 Open the multi-bypass. 3 Close the drawer slowly. * Check that the paper is kept under the claw of the drawer. If not, reload the paper. 2 Open the left cover. 6-4 CHAPTER 6 WHEN A PROBLEM OCCURS WARNING High voltage is present in the charger section. Take sufficient care when working in this area, as there is a danger of electrical shock.

IMPORTANT The drum 1 is highly sensitive to light and dirt. Be careful not to expose it to strong light such as room lighting or to touch the drum with the hands. CAUTION The copier's fixing unit is extremely hot. Take sufficient care when working in this area, as there is a danger of getting burned. 1 3 Holding the green handles, lower the two fixing section release levers.

5 Holding the green handle, open the ejection guide. 4 Remove the misfed paper while taking care not to tear it. If the paper is not easy to remove, proceed to the next step. If the paper is removed successfully, proceed to step 9. * If the paper should be torn, remove all the scraps from the inside the copier.

CAUTION The copier's fixing unit is extremely hot. Take sufficient care when working in this area, as there is a danger of getting burned. 6 Remove the misfed paper while taking care not to tear it. 6-5 CHAPTER 6 WHEN A PROBLEM OCCURS 7 Close the ejection guide. 8 Lift the fixing section release levers. NOTE If the fixing section release levers are lowered, the left cover does not close. 9 10 11 Close the left cover and multi-bypass. Pull the drawer out and check that no paper is misfed. Close the drawer slowly. 6-6 CHAPTER 6 WHEN A PROBLEM OCCURS 3.

Troubleshooting If trouble occurs, carry out the applicable checks and actions given below. If the trouble persists, print out a user status report and contact your service representative. Trouble Nothing lights on the operation panel when the main switch is turned ON. Checks Is the power plug connected to an AC outlet? Action Connect the plug to an AC outlet. Page No copies come out when the Start key is pressed. Is there any indication appearing on the operation panel? Perform the corrective action corresponding to the indication. 6-1 Copies come out blank. Are the originals set correctly? When setting originals on the platen, place them face-down. 3-5 Copies come out too light. Is the copier in the auto exposure mode? To change the overall exposure, perform auto exposure adjustment.

5-1 5-5 Is the copier in the Photo, Text & Photo or Text mode? Adjust the exposure to the correct degree using the copy exposure adjustment keys. 4-2 To change the overall exposure, perform the exposure adjustment for each mode. 5-1 5-2 5-5 Is the Add Toner indicator lit? Replace the toner container. 3-6 Is paper wet? Replace the paper with new paper. 3-1 6-7 CHAPTER 6 WHEN A PROBLEM OCCURS Trouble Copies come out too dark.

Checks Is the copier in the auto exposure mode? Action To change the overall exposure, perform auto exposure adjustment. Page 5-1 5-5 Is the copier in the Photo, Text & Photo or Text mode? Adjust the exposure to the correct degree using the copy exposure adjustment keys. 4-2 To change the overall exposure, perform the exposure adjustment for each mode. 5-1 5-2 5-5 Copies are dirty. Is the platen dirty? Clean the platen.

7-1 Open the front cover, pull out and push back in the cleaning shaft. 3-6 Copy image is askew. Are the originals set correctly? When setting an original on the platen, be sure to align a corner of it with the rear left corner of the platen. 3-5 Misfeed occurs frequently. Is the paper set correctly in the drawer? Set paper properly. 3-1 Is paper curled, folded or wrinkled? Replace the paper with new paper. 3-1 Is there any misfed paper or loose scraps of paper remaining inside the copier? Carry out the appropriate procedure to remove the paper. 6-3 Is the set paper size different from that of the paper used? Set the paper size to the size of the actual paper, or use a paper of the set size. 3-3 5-2 5-5 The Add Toner indicator does not turn off after toner replenishment. Has the new toner container been shaken sufficiently? Shake the toner container again.

3-6 6-8 CHAPTER 7 CLEANING AND SPECIFICATIONS 1. Cleaning the copier CAUTION For safety purposes, ALWAYS remove the power plug from the outlet when performing cleaning operations. Lift open the original cover. Wipe the shaded areas shown in the below illustrations with a soft cloth dampened with alcohol or a mild detergent. * Never use thinner or other organic solvents for this purpose. 7-1 CHAPTER 7 CLEANING AND SPECIFICATIONS 2.

Specifications Type

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Copy sizes

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.... Desk-top Fixed type Indirect electrostatic Sheets of paper, books, 3-dimensional objects (Maximum original size: 8 1/2" x 14"/folio) 8 1/2" x 14", 8 1/2" x 11", 5 1/2" x 8 1/2" A4, A5 (vertical), A6 (vertical), folio Print margin loss: 0.5 - 5.5 mm Same-size copying 8 1/2" x 11"/A4: 15 copies/min. Within 30 seconds (at room temperature of 68°F/20°C, humidity 65%RH) From energy saver (auto preheat) mode: Within 10 seconds [priority to recovery], within 30 seconds [priority to power save] (at room temperature of 68°F/20°C, humidity 65%RH) Approximately 6.3 seconds (8 1/2" x 11"/A4) Any ratio between 50 and 200% (in increments of 1%) Reading: 600 x 600 dpi Writing: 600 x 600 dpi Automatic feeding from the drawer (1 drawer, capacity 250 sheets [80 g/m2/standard paper as specified by our company]) and multi-bypass (capacity 50 sheets [80 g/m2/standard paper as specified by our company]) Drawer: Standard paper (64 - 80 g/m2) Multi-bypass: Standard paper (60 - 160 g/m2), special paper (colored paper, letterhead, etc.) 1 - 99 sheets Rare gas lamp 2-componet, reverse developing Heat roller Blade OPC Auto exposure adjustment, photo mode, economy mode, zoom copy mode, standard zoom mode, auto shut-off function, energy saver (auto preheat) function, self-diagnosis function 120 V AC, 60 Hz, 9 A 220 - 240 V AC, 50/60 Hz, 4.

8 A (average 2.5 A) 19 9/16" (W) x 19 9/16" (D) x 14 13/16" (H) 497 mm (W) x 497 mm (D) x 376 mm (H) Approx. 46.2 lbs (21 kg) 70 dB (A) 27 3/16" (W) x 19 9/16" (D) 691 mm (W) x 497 mm (D) Copying speed .



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Power source

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.... (Specifications are subject to change without notice.) 7-2 Laser Safety Laser radiation could be hazardous to the human body. For this reason, laser radiation emitted inside this machine is hermetically sealed within the protective housing and external cover. In the normal operation of the product by user, no radiation can leak from the machine. This machine is classified as Class 1 laser product under IEC 825. CAUTION Performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

This label is attached to the laser scanner unit inside the machine and is not in a user access area. The labels shown below are attached on the rear side of the machine. CLASS 1 LASER PRODUCT KLASSE 1 LASER PRODUKT CAUTION! The power plug is the main isolation device! Other switches on the equipment are only functional switches and are not suitable for isolating the equipment from the power source. VORSICHT! Der Netzstecker ist die Hauptsoliervorrichtung! Die anderen Schalter auf dem Gerät sind nur Funktionsschalter und können nicht verwendet werden, um den Stromfluß im Gerät zu unterbrechen. WARNING This is Class A product.

In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures. * The above warning is valid only in Australia and New Zealand. DECLARATION OF CONFORMITY TO 89/336/EEC, 73/23/EEC and 93/68/EEC We declare under our sole responsibility that the product to which this declaration relates is in conformity with the following specifications. Limits and methods of measurement for immunity characteristics of information technology equipment Limits and methods of measurement for radio interference characteristics of information technology equipment Limits for harmonic currents emissions for equipment input current 16A per phase Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current 16A Safety of information technology equipment, including electrical equipment Radiation Safety of laser products, equipment classification, requirements and user's guide EN55024 EN55022 Class B EN61000-3-2 EN61000-3-3 EN60950 EN60825-1 E1 * For best copy results and machine performance, we recommend that you use only KYOCERA MITA original supplies for your KYOCERA MITA copier.

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