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You can read the recommendations in the user guide, the technical guide or the installation guide for KONICA MINOLTA KIP 9000. You'll find the answers to all your questions on the KONICA MINOLTA KIP 9000 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual KONICA MINOLTA KIP 9000**  
**User guide KONICA MINOLTA KIP 9000**  
**Operating instructions KONICA MINOLTA KIP 9000**  
**Instructions for use KONICA MINOLTA KIP 9000**  
**Instruction manual KONICA MINOLTA KIP 9000**

## KIP



*KIP 9000 User Guide*

Version A0



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**Manual abstract:**

@@Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation. In order to comply with FCC radio-frequency radiation exposure guidelines for an uncontrolled exposure, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. FCC 15.105(a) 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. FCC 15.21 Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

When this machine is installed in Canada IC Company No. & UPN No. : 7391A-K115 Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. When this machine is installed in Europe This equipment satisfies the requirements in Pub.22 of CISPR Rules for a Classic B computing device.

Operation of this equipment in a residential area may cause unacceptable interference to radio and TV reception requiring the operator to take whatever steps are necessary to correct the interference. Do not install this machine around electronic equipment or precision instruments. Other devices may be affected by electrical noise during operation. If Machine is installed near other electronic equipment, such as a TV or a radio, interference to said equipment, such as noise or flickering, may occur. Use a separate power line and install the PRINTER as far as possible from said equipment.

(1) As an ENERGY STAR® Partner, Katsuragawa Electric Co., Ltd. has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. The International ENERGY STAR® Office Equipment Program is an international program that promotes energy saving through the penetration of energy efficient computers and other office equipment. The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business proprietors can participate voluntarily. The targeted products are office equipment such as computers, monitors, printers, facsimiles, copiers, scanners, and multifunction devices. Their standards and logos are uniform among participating nations. The symbol shown indicates that this product conforms to Directive 2002/96/EC of the European Parliament and the council of 27 January 2003 on waste electrical and electronic equipment (WEEE) and does not apply to countries outside of EU. The symbol shown indicates that this product conforms to SJ/T11364-2006 of People's Republic of China Electronic Industry Standard and does not apply to countries outside of People's Republic of China.

The symbol shown indicates that this product conforms to GB 18455-2001 11364-2006 of National Standard of the People's Republic of China and does not apply to countries outside of People's Republic of China. NOTE KIP 9000 will not function if no optional device is connected. Please ask the Service Personnel for the optional device. (2) Safety Warning The following warnings are very important in order to safely use this product. These notes are very important in preventing danger to the operator or operation of the printer. The following symbols are found throughout the USER'S Manual and have the following meaning: WARNING This WARNING mark means that there is a possibility of death or serious injury if you ignore or do not follow the said instruction. CAUTION This CAUTION mark means that there is a possibility of injury or physical damage if you ignore or do not follow the said instruction.

When marked with this symbol, "DO NOT ATTEMPT" When marked with this symbol, "pay close attention to" (3) WARNING Ground the product with a correct ground source or you may be electrically shocked. 1. Connected outlet must satisfy the following condition. U.S.A. / Europe : 220 - 240V (+6% / -10%), more than 16A, 50/60Hz 2. Use a circuit with an exclusive breaker.

3. Install the machine as close to the wall outlet as possible. 4. If you wish to move the printer, please contact to your service personnel. 1. Do not remove the screw and do not open the cover if not instructed to do so in this User's Manual. If you ignore this warning, you may be burnt or receive an electric shock due to a hot item or electrically charged part inside of the printer. 2. Do not disassemble or tamper with the printer. It may result in a fire or electrical shock. 1. Do not plug in the printer into a multi-wire connector in which some other equipment is plugged into. It may cause a fire due to outlet overheating. 2. Do not damage the Power Cord by stepping on or placing something heavy items on it.

If the Power Cord is damaged, it may cause a fire or you may receive an electric shock. REPLACE THE CORD IF DAMAGED. 1. Do not PUT a flower vase, a flowerpot or any water-filled item on the product. Spilt water could cause a fire or an electric shock. 2. If the product generates an abnormal smell or noise, turn it off and unplug it from the wall outlet immediately. Do not throw the toner into a fire or other sources of heat, as it can explode. (4) CAUTION Do not install the machine in a humidified room or a dusty room. Also, do not install the machine on an unstable floor as injuries may occur.

1. Unplug the printer before you move it. The power cord may be damaged and it may result in a fire or electric shock. 2. If you do not use the printer for a long duration (holidays, company shutdown) turn off and unplug the printer from the outlet for safety.

Do not pull the cord when you unplug the printer as you may damage the Power Cord. Make sure to unplug the plug from the plug case. There are hot items inside of the machine. Take great care not to touch these items when you remove mis-fed media. Ventilate the room well if you print in a small area.

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4 Operation Panel 1. 5. 5 Media Indicators 1. 5. 6 "in use" Indicators 1. 1 Installation Requirements The following conditions are required for installation of the equipment. (1) Power source should be as follows (according to your region). U.S.A.

/ Europe 220 - 240V (+6% / -10%), 16A, 50/60Hz (2) The equipment must be on an exclusive circuit. The outlet must be near the equipment and easy accessible. (3) Make sure to connect this equipment to a grounded outlet. (4) The site temperature range = 10 - 32.5 degrees centigrade, with the humidity between 20% - 80% RH (NON CONDENSING). Keep the equipment away from water sources, boilers, humidifiers or refrigerators. (5) The installation site must not have open flames, dust or ammonia gases. (6) The equipment should not be exposed to the direct sunlight. Please draw curtains to block any sunlight. (7) Ozone will be generated while this equipment is in use, although the quantity generated is within safe levels.

(see certifications) Ventilate the room, if required. (8) Levelling Bolts on the bottom of the KIP 9000 should touch the floor correctly. And the equipment must be levelled. Floor strength must be ample to sustain the weight of the equipment. (9) Keep ample room around the equipment to ensure comfortable operation. Required space is noted. 195cm (77 inch) or wider Rear 50cm (20 inch) or wider 120cm (48 inch) or wider Front 100cm (40 inch) or wider 1-2 Chapter 1 Before Use 1. 2 Originals Prohibited from Duplication It may be illegal to duplicate or copy certain types of originals and you may be punished by local or regional laws, if copies are made of these types of originals. Please be aware of your local or regional laws and which originals they forbid you to duplicate.

Some Examples: [Originals prohibited from copying by the law(s)] 1.

Do not copy Currency (Bill, Money, Bank Note, etc.), Government issued Negotiable Instruments (National Bonds, Security, Local Debt Bonds, etc.). 2. Do not copy Foreign Currency or Foreign Negotiable Instruments. 3. Do not copy unused postal stamps or government postcards without permission to make replica from said Governments. 4. Do not copy Government issued revenue stamps, certificate stamps that are prescribed by Liquor Tax Act or the Commodity Tax Act. [Special items which require your attention] 1.

The government issues warnings if you are to copy private isst Environmental condition Storage condition of consumables Specification Temperature Humidity Print media Toner 10 - 32C (50 - 89F) 20 - 80% RH Keep the media surely in a plastic bag and close to shut out the humidity. Keep the toner cartridge away from the direct sunlight, and store it in the condition of 0 - 35 oC and 10 - 85% RH. NOTE These specifications may be changed without notice. 1-6 Chapter 1 Before Use 1. 5 1. 5. 1 Appearance Front view Power Switch Operation Panel User Interface Bypass Feeder Right Side Door Roll Decks Toner Cover Media Indicator "in use" Indicators Name of part Power Switch Bypass Feeder Operation Panel Roll Decks Media Indicator Toner Cover Right Side Door Use Interface "in use" Indicators Function Turns on/off the KIP9000. Cut sheet media can be set here and fed into. Multiple cut sheet feeding (50 sheets max) is available when the size is narrower than A2 (594mm) or 24". Indicates the status of KIP 9000, error, mis-feed location and so on.

There are 4 Roll Decks (Drawers are 3 but Roll Spools are 4.). Each Roll Deck holds one roll of media. Roll Deck 1 : (Top drawer) Roll Deck 2 : (Middle drawer) Roll Deck 3 : (Front side of bottom drawer) Roll Deck 4 : (Rear side of bottom drawer) Informs the size and the type of roll media loaded on each Roll Deck. Can access to the Toner Supplying Mechanism and replace the Toner Cartridge.

Can access the internal of KIP9000 for removing the mis-fed media. Touch Screen offers many kinds of user operation. Shoes the Roll Deck that must not be opened. 1-7 Chapter 1 Before Use 1. 5.

2 Right side view Toner Cartridge Fuser Handle Cutter Handle Counter A Counter B Internal Transportation Unit Lever Name of part Cutter Handle Counter A Counter B Internal Transportation Unit Lever Fuser Handle Toner Cartridge Function Can cut the roll media manually if it has not been cut yet after it was mis-fed.



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Counts the linear meter / feet of total prints. Counts the square meter / feet of total prints. Can unlock and open the Internal Transportation Unit for removing the mis-fed media. Can eject the mis-fed media manually from the Fuser Unit. Includes 500 grams of toner. 1-8 Chapter 1 Before Use 1. 5. 3 Rear view Dehumidify Heater Switch Top Rear Cover Exit Cover Power Cord Folder Port VGA Port Interface Connector for IPS USB Port Shut Down Service Power Outlet for IPS 1-9 Chapter 1 Before Use Name of part Exit Cover Interface Connector for IPS Folder Port Shut Down Service VGA Port USB Port Top Rear Cover Power Outlet for IPS Function Can remove the mis-fed media around Fuser section. Connects the cable from the controller unit.

D-Sub Connector 36 pins, 3.3Vdc maximum (large) Connects the cable from the finishing device (Folder, etc). 12Vdc maximum - Not used in North America Connects the Shutdown Signal Cable. KIP 9000 will send a shutdown signal to the controller through this cable. 12Vdc maximum For Service personnel only Connect the cable here, which comes from the controller VGA port by UL-Listed cable for Touch screen LCD. 5Vdc maximum Connect the cable here, which comes from the controller USB Key Connector Type B for Touch screen LCD. 5Vdc maximum Can access the Dehumidify Heater Switch. In case you place a controller unit outside of the KIP 9000, it is possible to supply AC power from the KIP 9000 to the controller unit if you connect the power cord to this outlet.

(220 - 240V, 3A maximum) Connected controller unit must meet UL Standard 60950-1 (ULListed) NOTE: Specification for Power Cord used in North America Use the following type of Power Cord for a controller unit. (1) Rating minimum 250VAC 7A (2) Plug Type IEC60320: C13 (3) Socket Type IEC60320: C14 (4) Cord H05VV-F 3G-0.

75mm SVT3x18AWG (5) UL-Listed Connect to the wall outlet. Turns on/off the Dehumidify Heater. Power Cord Dehumidify Heater Switch 1-10 Chapter 1 Before Use 1. 5. 4 Operation Panel Operation Panel on offers several user operations.

Names and functions of key and indication LED are as follows. 1 2 3 4 5 8 PAPER DECK 1234 MF D1 D2 D3 D4 PF EXIT 12 15 WIRE CLEAN EXP-CLEAN SELECT CUT COPY DENSITY MENU ENTER ONLINE 6 7 9 10 11 13 14 16 No. 1 2 3 Name of part Ready Indicator Function 4 5 6 7 8 9 10 11 12 13 14 Flashes green when KIP 9000 is warming up, and lights green when it is ready. Open Indicator Lights orange when any door or unit is open or unlocked. Toner Empty Flashes red when the toner is near empty.

(Toner Indicator Cartridge has no Toner). Lights red when the toner is completely empty. (Developer Unit has no toner. No more print is available.) Roll Empty Indicator Lights red if the roll media in use is empty. Mis-feed Indicator Lights red when the print media is mis-fed. WIRE-CLEAN Key Starts cleaning for the Image Corona Wire. EXP-CLEAN Key Starts cleaning for the LED Head. Roll Deck Indicator Shows the present selection of roll to perform initial cut. SELECT Key Selects a roll to perform initial cut.

CUT Key Performs initial cut for the selected roll. Mis-feed Location Shows the location of mis-fed media by lighting the Indicator concerning LED. Density Indicator Shows the present selection of density level. COPY DENSITY Changes the density level for making the print density Key darker or lighter. [MENU], [ ], [ ] and [ENTER] Keys are used MENU Key in User Modes. Key (The service personnel may use them also in the field Key service.) \* Key [ \* ] Key is used to stop the alarm sound. ENTER Key Refer to page; 2-2 3-26 2-17 2-4 3-2 3-33 3-34 2-23 2-23 2-23 3-2 2-25 to 2-72 1-11 Chapter 1 Before Use No. 15 16 Name of part Status Display ONLINE Key & Indicator Function Indicates kinds of information such as error codes, misfeed codes, and etc. The ONLINE Indicator lights green when KIP9000 is online, and it is put out when offline.

ONLINE Key switches between online and offline, and also cancels the User Mode. Refer to page; 2-25 to 2-72 1-12 Chapter 1 Before Use 1. 5. 5 Media Indicators The Media Indicator on the right front of KIP9000 informs the size (width) and the type of roll media installed in each Roll Deck. 1 plain paper vellum / tracing film plain paper vellum / tracing film plain paper vellum / tracing film plain paper vellum / tracing film 2 3 4 Example 1 : Metric mode Roll Deck 1 : A0 plain paper Roll Deck 2 : A1 tracing paper Roll Deck 3 : A3 film Roll Deck 4 : A4 plain paper plain paper vellum / tracing film plain paper vellum / tracing film plain paper vellum / tracing film plain paper vellum / tracing film Example 2 : Inch mode Roll Deck 1 : 36" vellum Roll Deck 2 : 30" plain paper Roll Deck 3 : 24" film Roll Deck 4 : 12" plain paper plain paper vellum / tracing film plain paper vellum / tracing film plain paper vellum / tracing film 1 1 2 2 3 3 4 4 1-13 Chapter 1 Before Use 1.

5. 6 "in use" Indicators 3 "in use" Indicators on the right front of KIP9000 are related with 3 drawers respectively, and inform the operator which drawer must not be opened during printing. 1 2 in use 4 3 One or two "in use" Indicator light orange when the KIP 9000 is on printing. Do not open the drawer if the concerning "in use" Indicator is lighting orange. The drawer can be opened even if the KIP9000 is on printing if the concerning "in use" Indicator is not lighting.

Example : Top and middle drawer can not be opened as the "in use" Indicators for them are lighting orange. Only the bottom drawer can be opened as its "in use" Indicator is not lighting. 1 in use 2 in use 3 4 in use 1-14 Chapter 1 Before Use Reference Even if the KIP9000 is printing, it is possible to open the drawer and replace/install the roll media without interrupting the print operation. However, it is not necessarily allowed to open any drawer at any time. A certain drawer can not be opened in the following situations. 1. When the roll media is fed from a certain drawer, this drawer can not be opened. 2. When the media (including cut sheet media) fed from other drawer is passing through the media path in a certain drawer, this drawer can not be opened. See the following section diagram.

Media feeding paths from each Roll Deck is integrated into one path in the middle drawer. When the KIP 9000 is printing with the roll media fed from the Roll Deck 1 for example, only the bottom drawer can be opened. ("in use" Indicators for top and middle drawers will light orange in this case.) Top Drawer is not allowed to open. in use Roll Deck 1 Middle Drawer is not allowed to open. in use Roll Deck 2 Roll Deck 4 Bottom Drawer is allowed to open. in use Roll Deck 3 D4 1-15 Chapter 1 Before Use Chapter 2 Basic Operations 2.



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 14 User Mode E (Error check level for E-28 error) 2. 8.15 User Mode F0 to Fb (Fold settings applied when Bay Folder is connected) 2-1 Chapter 2 Basic Operations 2. 1 Turning on the KIP 9000 1. Plug the KIP 9000 into an exclusive wall outlet. NOTE Please confirm the outlet satisfies the following condition before plugging the KIP 9000 into. U.S.A. / Europe 220 - 240V (+6% / -10%), 16A, 50/60Hz 2.

Press "I" side of Power Switch to turn on the KIP 9000. 3. KIP 9000 starts warming up the Fuser Unit, and the Ready Indicator on the Operation Panel starts flashing. PAPER DECK 1234 WIRE CLEAN EXP- CLEAN SELECT CUT MF D1 D2 D3 D4 PF COPY DENSITY MENU ENTER ONLINE EXIT Ready Indicator flashes. 4. The Ready Indicator lights when the KIP9000 gets ready about 6 minutes later. Send a print job or copy job from the outer devices. 2-2 Chapter 2 Basic Operations 2. 2 Press "Turning off the KIP 9000" side of Power Switch to turn off the KIP 9000. NOTE The controller unit starts shutdown process after turning off the KIP9000, and it will take about 2 minutes until complete shut down.  
 Do not unplug the KIP 9000 from the outlet for about 2 minutes after turning off therefore. The controller unit may be broken if the KIP 9000 is unplugged before the completion of shut down process. 2-3 Chapter 2 Basic Operations 2. 3 Setting the Roll Media into Roll Deck The Roll Empty Indicator on the Operation Panel flashes in red when the used roll media is emptied during printing. Install a new roll media.  
 Roll Empty Indicator PAPER DECK 1234 WIRE CLEAN EXP- CLEAN SELECT CUT MF D1 D2 D3 D4 PF EXIT COPY DENSITY MENU ENTER ONLINE Reference (1) Even if the KIP9000 is printing, it is possible to open the drawer and replace/install the roll media without interrupting the print operation. However, it is not necessarily allowed to open any drawer at any time. Do not open the drawer when its "in use" Indicator is lighting. Refer to [1.5. 6 "in use" Indicator] on page 1-14 for the detail. (2) Some Media Source Code is indicated on the Status Display during print to show which media source is used currently. (This is not indicated when printer is not on printing.) If the remainder of roll becomes smaller than 1/4 of new one, this code flashes to show it is "near empty". Media Source Code flashes when the roll media is near empty. MENU ENTER ONLINE The followings are the correspondence of Media Source Codes and media sources. - d 1 - : Roll 1 is used. - d 2 - : Roll 2 is used. - d 3 - : Roll 3 is used. - d 4 - : Roll 4 is used.

- b P - : Bypass Feeder is used. 2-4 Chapter 2 Basic Operations 2. 3. 1 Roll 1, 2 & 3 Roll 1 Roll 2 Install a new roll media onto Roll 1, 2 and 3 using the following directions. Roll 3 1. Draw out the concerning Roll Deck. 2-5 Chapter 2 Basic Operations 2. Retrieve the Roll Spool to the arrow direction a little to disengage the gears on the left, and remove the Roll Spool from the deck. Roll Spool NOTE If the Roll Spool is removed without disengaging the gears on the left, these gears will be broken. Gears 3.  
 Unlock the core of roll press down the green lever on the right of the Roll Spool, and pull out the Roll Spool from the core. Lever 2-6 Chapter 2 Basic Operations 4. Pressing down the green lever, insert the Roll Spool to the new roll media. NOTE Do not install the roll media with wrong direction. Correct Wrong 5.  
 Align the edge of roll media with the concerning size guide, then release the green lever. The roll media is firmly fixed to the Roll Spool. Size guide 2-7 Chapter 2 Basic Operations 6. Return the Roll Spool to the Roll Deck. NOTE The driving belt inside of the Roll Deck must be flat and evenly contact on the bottom of black small roller on the right of Roll Spool.  
 If it is twisted or not contacting the black small roller properly, correctly it. Black small roller Driving belt Correct Wrong (Belt is twisted.) 2-8 Chapter 2 Basic Operations 7. Using a slit on each drawer, cut off the leading part of roll media with a cutter knife to straighten the leading edge. Slit NOTE Do not feed any media with tape or adhesive remaining on it. It is best to trim at least one full revolution from the roll when installing a new roll. 8. Insert the leading edge of media between feeding rollers, and rotate the upper feeding roller to pinch the leading edge (1-2cm) with the rollers. Feeding rollers NOTE The Roll Deck 3 only has a positioning hole. (Other Rolls do not have it.)  
 ) Feed the roll media until its leading edge comes to appear in the hole, and place the leading edge at the center of the hole. Positioning hole 2-9 Chapter 2 Basic Operations 9. Set the Media Selector correctly according to the type of media installed. If any inch size media is installed, select either "ENGINEERING" or "ARCHITECTURE" as well. ("ENGINEERING" is selected when the button is up, and "ARCHITECTURE" when it is down.) NOTE Set the Media Selector to correct media type. (Including Architecture/Engineering selection) Wrong setting of Media Selector could cause unexpected defective printing result. 10. Close the Roll Deck. 2-10 Chapter 2 Basic Operations 2.

3. 2 Roll 4 The way of paper installation to Roll 4 is a little different from the way for other Rolls because of the different location of Roll 4's feeding rollers. This section instructs only the operation individually required for Roll 4. Refer to [2.3. 1 Roll 1, 2 & 3] on page 2-5 for the rest of common operations. 1. Draw out the bottom Roll Deck. 2.



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Remove the Roll Spool from the Roll Deck, pull out the Roll Spool from the old roll media, and set the new roll media onto the Roll Spool.

NOTE Please keep the correct direction as the following left photo. (It is the same way you make for Roll 1, 2 & 3.) Correct Wrong 2-11 Chapter 2 Basic Operations 3. Return the Roll Spool to the Roll Deck 4. 4. Insert the leading edge of media under the feeding roller. Feeding roller Roll media 5. Rotate the green knob clockwise to pinch the leading edge (about 1-2cm) with the feeding rollers. Knob 6. Close the Roll Deck 4.

2-12 Chapter 2 Basic Operations 2. 4 Setting Cut Sheet Media to Bypass Feeder Cut sheet media can be fed into KIP9000 from the Bypass Feeder.

Orientation, length and availability of multi-feeding are specified for each media width separately as follows. Metric size Width of cut sheet media 297mm 420mm 594mm 841mm Available orientation Landscape only Landscape only Landscape only Portrait & Landscape Available length 210mm only 297mm only 420mm only Not specified (But it must be longer than 440mm.) Availability of multifeeding Available Available Available Not available Inch size Width of cut sheet media 11" 12" 17" 18" 22" 24" 30" 34" 36" Available orientation Landscape only Landscape only Landscape only Landscape only Landscape only Landscape only Portrait & Landscape Portrait & Landscape Portrait & Landscape Available length 8.5" only 9" only 11" only 12" only 17" only 18" only Not specified (But it must be longer than 440mm.) Not specified (But it must be longer than 440mm.) Not specified (But it must be longer than 440mm.) Availability of multifeeding Available Available Available Available Available Available Not available Not available Not available NOTE (1) Availability of orientation for each media size is illustrated on the Bypass Feeder. Please follow the illustration when setting the cut sheet media. Landscape Portrait Orientation is specified (2) Multi-feeding is available if the cut sheet media is narrower than A2 (594mm) or 24". Refer to [2.4.1 Multi-feeding of cut sheet media ] on page 2-14. 2-13 Chapter 2 Basic Operations 2.

4. 1 Multi-feeding of cut sheet media Multiple cut sheet feeding (50 sheets max) is available when the size is narrower than A2 (594mm) or 24". The followings are the sizes that can be fed by multi-feeding. (Orientation must be landscape) Metric : 297mm x 210mm (A4) 420mm x 297mm (A3) 594mm x 420mm (A2) Inch : 11" x 8.5" 12" x 9" 17" x 11" 18" x 12" 22" x 17" 24" x 18" NOTE (1) Do not attempt to make multi-feeding with other sizes of media as it will result in mis-feed or duplicate feeding.

The internal mechanism of KIP9000 may be broken in the worst case. (2) Do not leave the cut sheet media on the Bypass Feeder for a long time as it will get moisture. Such media will result in mis-feed or defective image. (Keep the media in a plastic bag to block the moisture.) 1. Select the bypass feeding mode on the outer device. 2. Slide the Cut Sheet Guides and place at the requested size guides. Cut Sheet Guide 3. Arrange the edges of media, put the media on the Bypass Feeder, and move them forward until the leading edges contact the feeding roller.

Feeding roller NOTE Landscape feeding only is available. 2-14 Chapter 2 Basic Operations 2. 4. 2 Singular feeding of cut sheet media Larger cut sheet media than A2 (594mm) or 24" can be fed into KIP9000 by singular feeding only. NOTE Do not leave the cut sheet media on the Bypass Feeder for a long time as it will get moisture. Such media will result in mis-feed or defective image. (Keep the media in a plastic bag to block the moisture.) 1. Select the bypass feeding mode on the outer device. 2.

Slide the Cut Sheet Guides and place at the requested size guides. Cut Sheet Guide 3. Put the media on the Bypass Feeder and move it forward until the leading edge contacts the feeding roller. Feeding roller 2-15 Chapter 2 Basic Operations NOTE As curled cut sheet media will cause a mis-feed, straighten the media as far as possible before printing. And also please set the media by "curl down" direction as a mis-feed can be avoided.

Setting of media by "curl up" direction tends to result in a mis-feed. Correct (curl down) Incorrect (curl up) 2-16 Chapter 2 Basic Operations 2. 5 Replacing the Toner Cartridge The Toner Empty Indicator on the Operation Panel flashes when the toner is "near empty", and it lights when the toner is completely empty. Replace the Toner Cartridge when it lights. Toner Empty Indicator PAPER DECK 1234 WIRE CLEAN EXP- CLEAN SELECT CUT MF D1 D2 D3 D4 PF COPY DENSITY MENU ENTER ONLINE EXIT Reference (1) Even if the KIP 9000 is on printing, it is possible to replace the Toner Cartridge without interrupting printing.

(2) It is still possible to make some more printing when the Toner Empty Indicator is flashing, but the toner will be soon emptied completely and the KIP9000 will no more be able to continue printing. For avoiding machine down, prepare a new Toner Cartridge before the Toner Empty Indicator starts flashing. NOTE (1) The KIP9000 Toner Cartridge is embedded with the IC Tag for an exclusive use on KIP9000. Even if the Toner Cartridge for other models is installed, the KIP9000 does not operate with indicating an error code "C-01". (2) Once the Toner Cartridge become empty with the toner, the KIP9000 recognizes its IC Tag information. The same Toner Cartridge can no more be installed onto the KIP9000 after that. The KIP9000 does not operate with indicating an error code "C-01" if once emptied Toner Cartridge is installed. 1. Open the Toner Cover on the right face. Toner Cover 2-17 Chapter 2 Basic Operations 2.

Open the Cartridge Cover. Cartridge Cover Cartridge Cover 3. Catching the left end of Toner Cartridge, rotate it half revolution until the toner supplying hole of the cartridge becomes visible in the notch as the following right photo. Catch here Toner supplying hole Toner Cartridge NOTE (1) The toner will drop and will dirt the floor if the cartridge is removed without directing its toner supplying hole up. (2) Catch the left end of Toner Cartridge. If you catch its body as the following incorrect example, the toner will spill out. Correct Incorrect 2-18 Chapter 2 Basic Operations 4. Remove the Toner Cartridge catching its left end. 5. Shake the new Toner Cartridge fully to loosen the toner.

6. Install the new Toner Cartridge with its green seal up. Green seal 7. Rotate the Toner Cartridge quarter revolution, and then strip off the green seal. Strip off the seal.

2-19 Chapter 2 Basic Operations 8. Rotate the cartridge quarter revolution more to place the toner supplying hole on the bottom.



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*NOTE Be sure to place the toner supplying bole on the bottom. Otherwise the KIP9000 will show Toner Empty Error soon as the toner can not be supplied with this state. 9.*

*Close the Cartridge Cover. Cartridge Cover 10. Close the Toner Cover. Toner Cover 2-20 Chapter 2 Basic Operations 2. 6 Dehumidifying the Roll Media Printing with a humidified media will result in several printing defects. The most popular defects are "creasing" and "image void". Expected Print Creasing (of media) If media is humidified ; Expected Print Image void If media is humidified ; If the roll media is kept in the Roll Deck for a long time with being exposed to the air, the media tends to be more humidified and results in the above defects with higher frequency. To avoid this situation as far as possible, the KIP 9000 is provided with the Dehumidify Heater for drying the roll media in the Roll Deck. If the above defects can be seen when the air is very humidified (higher than 60%), try to turn on the Dehumidify Heater as the defects may be resolved. 1.*

*Open the Top Rear Cover. Top Rear Cover 2-21 Chapter 2 Basic Operations 2. There is a Dehumidify Heater Switch on the right. Press "H" to turn on the Dehumidify Heater, and press "L" to turn it off. Dehumidify Heater Switch Reference (1) KIP9000 offers some kinds of operation mode of Dehumidify Heater, which specify when the heater should work. Your service personnel select the best operation mode at machine installation considering your usage environment. If "creasing" or "image void" starts to occur so frequently when the usage environment changes (because of seasonal reason and etc) during normal use, it may be fixed if the operation mode is changed to other ones. Consult your service personnel in such case. (User can not change the mode.) (2) The KIP9000 must be plugged into the outlet for operating the Dehumidify Heater.*

*(Some operation mode enables the Dehumidify Heater to work even if the KIP9000 is turned off at night if only it is plugged in. Do not plug out the KIP9000 in such case especially.) (3) Dehumidify Heater is just a possibility to fix "creasing" or "image void", but it is NOT the complete solution for such defects. If the media has been already humidified before installed to the Roll Deck, it will be no use in turning on the Dehumidify Heater. The user needs to take great care for preventing the printing media from being humidified.*

*· Do not unpack the media until right before it is to be installed to the machine. · When the air is very humidified, do not leave the roll media in the deck. Remove it from the deck, put it in a plastic bag and close firmly to avoid the humidity. 2-22 Chapter 2 Basic Operations 2. 7 Initial Cut (Straighten the leading edge of roll media) The leading part (240mm) of roll media can be cut off to have a straight edge.*

*Leading part of roll media Initial Cut can be performed with SELECT Key, CUT Key and Roll Deck Indicator on the Operation Panel. Roll Deck Indicator PAPER DECK 1234 WIRE CLEAN EXP- CLEAN SELECT CUT MF D1 D2 D3 D4 PF COPY DENSITY MENU ENTER ONLINE EXIT SELECT Key CUT Key 1. Pressing the SELECT Key, select the roll media to which the Initial Cut is to be performed. PAPER DECK 1234 SELECT CUT PAPER DECK 1234 SELECT CUT 2-23 Chapter 2 Basic Operations 2. Press the CUT Key to perform the Initial Cut. The leading part of selected roll is cut and ejected automatically. (The LED flashes during the Initial Cut.) PAPER DECK 1234 SELECT CUT Reference Initial Cut is not available when in warming up or when the Roll Deck is open. All LED of Roll Deck Indicator are put out in this case. 2-24 Chapter 2 Basic Operations 2.*

*8 User Modes Description Test print Calendar setting Warm Sleep Mode ON / OFF & timer setting Cold Sleep Mode timer setting Automatic paper cut at power on Transfer Support LED ON/OFF [Film] Alarm ON / OFF Choice of Standard / Special Print Mode [Plain paper] Choice of Standard / Special Print Mode [Tracing paper] Choice of Standard / Special Print Mode [Film] Selection of Image Enhancement Mode Print on TE margin area Error check level for E-26 error Error check level for E-28 error User Mode Code U1. U2. U3. U4. U5. U6. U7. U8. U9. UA.*

*Ub. UC. Ud. UE. KIP 9000 provides 14 User Modes.*

*Name of User Mode User Mode 1 User Mode 2 User Mode 3 User Mode 4 User Mode 5 User Mode 6 User Mode 7 User Mode 8 User Mode 9 User Mode A User Mode B User Mode C User Mode D User Mode E The following optional User Modes (F0 to Fb) are normally not accessible, but become accessible only when the folder is connected. Ask your service personnel for the detail of it and these modes are not used in the North America. Name of User Mode User Mode F Description Fold settings applied when Bay Folder is connected F0 : Folding type for folding method 1 F1 : Width of fan folding for folding method 1 F2 : Margin for folding method 1 F3 : Folding type for folding method 2 F4 : Width of fan folding for folding method 2 F5 : Margin for folding method 2 F6 : Folding type for folding method 3 F7 : Width of fan folding for folding method 3 F8 : Margin for folding method 3 F9 : Folding type for folding method 4 FA : Width of fan folding for folding method 4 Fb : Margin for folding method 4 User Mode Code UF0. UF1. UF2.*

*UF3. UF4. UF5. UF6. UF7. UF8. UF9. UFA. UFb. 2-25 Chapter 2 Basic Operations 2.*

*8. 1 [Function] User Mode 1 (Test Print) An internal test pattern image can be printed out for checking image or machine operation. KIP9000 automatically selects the roll media and print size. [Operation] 1. Press the [ MENU ] Key once to select the User Mode 1. [ MENU ] Key lights green and the Status Display indicates "U1." MENU ENTER ONLINE Press [ MENU ] once. MENU ENTER ONLINE 2. The 4th, 5th and 6th digits indicates the status of KIP 9000. - - - (flashing) : Test print is not available.*

*ooo (lighting) : Test print is available. ooo (flashing) : On test printing MENU ENTER ONLINE Status of KIP 9000 2-26 Chapter 2 Basic Operations 3. Press the [ ENTER ] Key when "ooo" is lighting. Test print is started and "ooo" flashes. MENU ENTER ONLINE MENU ENTER ONLINE 4.*

*When test print is finished, "ooo" stops flashing and lights. Press the [ ONLINE ] Key to cancel the User Mode 1. MENU ENTER ONLINE MENU ENTER ONLINE 2-27 Chapter 2 Basic Operations 2. 8. 2 [Function] User Mode 2 (Calendar setting) Calender setting can be corrected if wrong.*

*(KIP9000 memorizes calendar information on its circuit.) NOTE (1) KIP9000 can operate without problem even if the calendar setting is wrong. (2) The calendar setting is used for diagnostics purpose. If some error or mis-feed occurs, KIP9000 records it with the information "when" it occurred based on the calendar setting set in User Mode 2.*



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As such record is very useful for the service personnel to diagnose the trouble, please set the calendar occasionally to the correct date and time. [Operation] 1. Press the [ MENU ] Key twice to select the User Mode 2. [ MENU ] Key lights green and the Status Display indicates "U2.". MENU ENTER ONLINE Press [ MENU ] twice.

MENU ENTER ONLINE 2. The User Mode 2 has 8 sub modes which can be orderly selected by pressing [ ] and [ ] Keys. 2 of them are "Confirmation Modes", and the rest of 6 are "Correction Modes". Order of selection 1 2 3 4 5 6 7 8 Name of Sub Mode Confirmation Mode Date Confirmation Mode Time Correction Mode Year Correction Mode Month Correction Mode Day Correction Mode Hour Correction Mode Minute Correction Mode Second Example of indication 020531 1 2.0 0.3 0 C1 02 C2 05 C3 31 C4 12 C5 00 C6 30 ] 2-28 Chapter 2 Basic Operations 3. Select the "Confirmation Mode Date" first pressing the [ setting for year, month and date. ] Key, and confirm the current MENU ENTER ONLINE Example : May 31, 2002 MENU ENTER ONLINE Year Month Day 4. Select the "Confirmation Mode Time" next pressing the [ setting for hour, minute and second. ] Key, and confirm the current MENU ENTER ONLINE Example : 12 : 00 : 30 MENU ENTER ONLINE Hour Minute Second 2-29 Chapter 2 Basic Operations 5.

If some item needs to be corrected, select its correction mode pressing [ ] and [ ] Keys. 6 Correction Modes are shown by Correction Mode Code as C1, C2, C3, C4, C5 and C6, and necessary correction mode can be selected by indicating its code. Correction Mode Codes C1 C2 C3 C4 C5 C6 Description Correction Mode Year Correction Mode Month Correction Mode Day Correction Mode Hour Correction Mode Minute Correction Mode Second Example : "C5" is selected as "Minute" is to be corrected. MENU ENTER ONLINE MENU ENTER ONLINE Correction Mode Code for Correction Mode - Minute 6. Press the [ MENU ] Key.

The setting value on 5th and 6th digits flashes and becomes changeable. MENU ENTER ONLINE MENU ENTER ONLINE Setting value flashes. 2-30 Chapter 2 Basic Operations 7. Change the setting value pressing [ ] Key (increment) and [ ] Key (decrement). Example : Minute is to be corrected from 00 to 05. MENU ENTER ONLINE MENU ENTER ONLINE 8. Decide the new setting value pressing the [ ENTER ] Key. The setting value stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing. 9. Correct other setting items in the same way if necessary. 2-31 Chapter 2 Basic Operations 10. When all necessary items are corrected, press the [ ONLINE ] Key to cancel the User Mode 2. MENU ENTER ONLINE MENU ENTER ONLINE 2-32 Chapter 2 Basic Operations 2. 8.

3 [Function] User Mode 3 (Warm Sleep Mode ON / OFF & timer setting) It is possible to select whether or not the Warm Sleep Mode works. The timer for Warm Sleep can be specified as well. If the KIP 9000 does not receive any print/copy for the time set as timer in User Mode 3, it will go into the Warm Sleep Mode to save the power consumption. Reference Warm Sleep Mode is a kind of power saving mode. It works when the KIP9000 does not print for the time the timer specifies. Power consumption is reduced by maintaining the temperature of fuser at a lower degree than usual stand by state. Warm Sleep Mode will be cancelled automatically when a print job or a copy job is sent from the outer device. However it may take time until the KIP9000 starts printing as it needs to recover enough temperature on the fuser. (Print does not start until the KIP9000 gets ready recovering enough temperature.) [Operation] 1. Press the [ MENU ] Key 3 times to select the User Mode 3. [ MENU ] Key lights green and the Status Display indicates "U3.". MENU ENTER ONLINE Press [ MENU ] 3 times. MENU ENTER ONLINE 2-33 Chapter 2 Basic Operations 2.

The Status Display indicates either "OFF" or "On" according to the current setting. Press the [ MENU ] Key. The setting value (OFF/On) flashes and becomes changeable. MENU ENTER ONLINE MENU ENTER ONLINE "OFF" (or "On") flashes. 3. Select either "OFF" or "On" pressing [ Setting value 0 1 ] Key and [ ] Key.. Description Warm Sleep Mode works when a decided time has passed. (Timer can be set in the later procedure.) Warm Sleep Mode does not work. MENU ENTER ONLINE MENU ENTER ONLINE 2-34 Chapter 2 Basic Operations 4. Press the [ ENTER ] Key to decide the setting. . - If "On" is decided, the Status Display indicates the setting value of Warm Sleep timer in flashing. Go to the following procedure 5 for setting the timer. If "OFF" is decided, go to the procedure 7 as it is unnecessary to set Warm Sleep timer.

MENU ENTER ONLINE MENU ENTER ONLINE Setting value (timer) flashes. 5. Indicate the necessary Warm Sleep timer value pressing [ ] Key (increment) and [ ] Key (decrement). Setting unit is "minute", and the selectable values are 10, 15, 20, 30, 40, 50, 60, 90, 120, 180 and 240. MENU ENTER ONLINE MENU ENTER ONLINE 2-35 Chapter 2 Basic Operations 6. Press the [ ENTER ] Key to decide the timer value. @@@@8. @@@@Call the service personnel to set it to ON. @@Press the [ MENU ] Key 4 times to select the User Mode 4. @@Press the [ MENU ] Key. @@@@Press the [ ENTER ] Key to decide the timer value. @@@@8. @@@@Press the [ MENU ] Key 5 times to select the User Mode 5. @@Press the [ MENU ] Key. @@2-40 Chapter 2 Basic Operations 3.

@@KIP 9000 does not perform the Initial Cut at power ON. MENU ENTER ONLINE MENU ENTER ONLINE 4. Press the [ ENTER ] Key to decide the setting. The setting stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing. 2-41 Chapter 2 Basic Operations 5. Press the [ ONLINE ] Key to cancel the User Mode 5. MENU ENTER ONLINE MENU ENTER ONLINE 2-42 Chapter 2 Basic Operations 2. 8. 6 [Function] User Mode 6 (Transfer Support LED ON/OFF [Film]) It is possible to turn on the Transfer Support LED for getting a clearer and darker image on film media. NOTE The printed image may look not clear or not dark enough when printed with some kind of unsupported type of printing media. In such case the print image may possibly become clearer and darker if the Transfer Support LED is turned on in the User Mode 6. (However note that the Transfer Support LED is not always the complete solution for all cases.) [Operation] 1.



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Press the [ MENU ] Key 6 times to select the User Mode 6.

[ MENU ] Key lights green and the Status Display indicates "U6.". MENU ENTER ONLINE Press [ MENU ] 6 times. MENU ENTER ONLINE 2-43 Chapter 2 Basic Operations 2. Press the [ MENU ] Key. 3. Change the setting value pressing [ Setting value 0 1 ] Key (increment) and [ ] Key (decrement). Description Transfer Support LED does not work. Transfer Support LED works when printed with film. MENU ENTER ONLINE MENU ENTER ONLINE 2-44 Chapter 2 Basic Operations 4.

Press the [ ENTER ] Key to decide the setting value. The setting value stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing. 5. Press the [ ONLINE ] Key to cancel the User Mode 6.

MENU ENTER ONLINE MENU ENTER ONLINE 2-45 Chapter 2 Basic Operations 2. 8. 7 [Function] User Mode 7 (Alarm ON / OFF) When alarm is set to ON, the following status can be noticed by the sound of alarm. (1) Toner empty (2) Toner near empty (3) Roll empty Reference Alarm will continue to sound if unless either of the following operations is done. 1.

Remove the cause of error. (Replace the Toner Cartridge or install a new roll media.) 2. Or press the [ ] Key to stop the alarm without removing the cause of error. MENU ENTER ONLINE [Operation] 1. Press the [ MENU ] Key 7 times to select the User Mode 7. [ MENU ] Key lights green and the Status Display indicates "U7.". MENU ENTER ONLINE Press [ MENU ] 7 times. MENU ENTER ONLINE 2-46 Chapter 2 Basic Operations 2.

Press the [ MENU ] Key. 3. Change the setting value pressing [ Setting value 0 1 ] Key (increment) and [ ] Key (decrement). Description Alarm does not sound. Alarm sounds if "toner empty", "toner near empty" or "roll empty" occurs. MENU ENTER ONLINE MENU ENTER ONLINE 2-47 Chapter 2 Basic Operations 4. Press the [ ENTER ] Key to decide the setting value. The setting value stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing. 5.

Press the [ ONLINE ] Key to cancel the User Mode 7. MENU ENTER ONLINE MENU ENTER ONLINE 2-48 Chapter 2 Basic Operations 2.8.8 [Function] User Mode 8 (Choice of Standard / Special Print Mode [Plain paper]) The operation mode of KIP9000 can be set to either Standard Print Mode or Special Print Mode according to the situation. This setting become effective when printed with a plain paper.

Reference Many printer parameters of KIP9000 are adjusted most properly in the factory so that the KIP9000 can produce a satisfactory print quality when printing is performed within what the machine specification declares. These parameters adjusted in factory will be applied when the operation mode is set to Standard Mode. Usually the Standard Print Mode is enough for getting a satisfactory print result. If some usage condition is not within what the machine specification declares, for example some unsupported media is used or the temperature/humidity range is not within specified range, KIP9000 may not be able to produce a satisfactory print result. In such case the service personnel customize some printer parameters most properly so that a satisfactory print result can be obtained even in such special case, and save such parameters as Special Print Mode.

(User can not change such parameters.) What the user has to do in the User Mode 8 is to switch between Standard Print Mode and Special Print Mode according to the situation. Please consult the service personnel as he knows in what case the operation mode should be set to Special Print Mode. NOTE User Modes 8, 9 and A are the selection mode of Standard Print Mode and Special Print Mode. Each of them has its own target media type to which the selected operation mode is applied. User Mode 8 : Selection of operation mode for plain paper User Mode 9 : Selection of operation mode for tracing paper User Mode A : Selection of operation mode for film 2-49 Chapter 2 Basic Operations [Operation] 1. Press the [ MENU ] Key 8 times to select the User Mode 8. [ MENU ] Key lights green and the Status Display indicates "U8.". MENU ENTER ONLINE Press [ MENU ] 8 times.

MENU ENTER ONLINE 2. Press the [ MENU ] Key. 2-50 Chapter 2 Basic Operations 3. Change the setting value pressing [ Setting value 0 1 ] Key (increment) and [ ] Key (decrement). Description Standard Print Mode is applied in printing. (When plain paper is used.) Special Print Mode is applied in printing. (When plain paper is used.) MENU ENTER ONLINE MENU ENTER ONLINE 4. Press the [ ENTER ] Key to decide the setting value.

The setting value stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing. 2-51 Chapter 2 Basic Operations 5. Press the [ ONLINE ] Key to cancel the User Mode 8. MENU ENTER ONLINE MENU ENTER ONLINE 2-52 Chapter 2 Basic Operations 2. 8. 9 User Mode 9 (Choice of Standard / Special Print Mode [Tracing paper]) [Function] The operation mode of KIP9000 can be set to either Standard Print Mode or Special Print Mode according to the situation. This setting become effective when printed with a tracing paper. See [REFERENCE] on page 2-49 for the description of this mode. NOTE User Modes 8, 9 and A are the selection mode of Standard Print Mode and Special Print Mode.

Each of them has its own target media type to which the selected operation mode is applied. User Mode 8 : Selection of operation mode for plain paper User Mode 9 : Selection of operation mode for tracing paper User Mode A : Selection of operation mode for film [Operation] 1. Press the [ MENU ] Key 9 times to select the User Mode 9. [ MENU ] Key lights green and the Status Display indicates "U9.". MENU ENTER ONLINE Press [ MENU ] 9 times. MENU ENTER ONLINE 2-53 Chapter 2 Basic Operations 2. Press the [ MENU ] Key. 3. Change the setting value pressing [ Setting value 0 1 ] Key (increment) and [ ] Key (decrement).

Description Standard Print Mode is applied in printing. (When tracing paper is used.) Special Print Mode is applied in printing. (When tracing paper is used.) MENU ENTER ONLINE MENU ENTER ONLINE 2-54 Chapter 2 Basic Operations 4. Press the [ ENTER ] Key to decide the setting value. The setting value stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing. 5. Press the [ ONLINE ] Key to cancel the User Mode 9.

MENU ENTER ONLINE MENU ENTER ONLINE 2-55 Chapter 2 Basic Operations 2. 8.10 User Mode A (Choice of Standard / Special Print Mode [Film]) [Function] The operation mode of KIP9000 can be set to either Standard Print Mode or Special Print Mode according to the situation.



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This setting become effective when printed with a film. See [REFERENCE] on page 2-49 for the description of this mode.

NOTE User Modes 8, 9 and A are the selection mode of Standard Print Mode and Special Print Mode. Each of them has its own target media type to which the selected operation mode is applied. User Mode 8 : Selection of operation mode for plain paper User Mode 9 : Selection of operation mode for tracing paper User Mode A : Selection of operation mode for film [Operation] 1. Press the [ MENU ] Key 10 times to select the User Mode A. [ MENU ] Key lights green and the Status Display indicates "UA.

". MENU ENTER ONLINE Press [ MENU ] 10 times. MENU ENTER ONLINE 2-56 Chapter 2 Basic Operations 2. Press the [ MENU ] Key. 3. Change the setting value pressing [ Setting value 0 1 ] Key (increment) and [ ] Key (decrement). Description Standard Print Mode is applied in printing. (When film is used.) Special Print Mode is applied in printing. (When film is used).

) MENU ENTER ONLINE MENU ENTER ONLINE 2-57 Chapter 2 Basic Operations 4. Press the [ ENTER ] Key to decide the setting value. The setting value stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing. 5. Press the [ ONLINE ] Key to cancel the User Mode A. MENU ENTER ONLINE MENU ENTER ONLINE 2-58 Chapter 2 Basic Operations 2. 8.11 [Function] User Mode B (Selection of Image Enhancement Mode) The level of Image Enhancement can be selected. The printed image is more enhanced (become darker) when selecting a larger level. Try to select a higher level if the image looks weak. Setting 0 1 2 3 Image Enhancement Mode Mode 0 Mode 1 Mode 2 Mode 3 Description Image Enhancement is Off Image is enhanced - Low Image is enhanced - Medium Image is enhanced - High [Operation] 1. Press the [ MENU ] Key 11 times to select the User Mode B. [ MENU ] Key lights green and the Status Display indicates "Ub."

MENU ENTER ONLINE Press [ MENU ] 11 times. MENU ENTER ONLINE 2-59 Chapter 2 Basic Operations 2. Press the [ MENU ] Key. 3. Change the setting value pressing [ ] Key (increment) and [ ] Key (decrement).

Setting 0 1 2 3 Image Enhancement Mode Mode 0 Mode 1 Mode 2 Mode 3 Description Image Enhancement is Off Image is enhanced - Low Image is enhanced - Medium Image is enhanced - High MENU ENTER ONLINE MENU ENTER ONLINE 2-60 Chapter 2 Basic Operations 4. Press the [ ENTER ] Key to decide the setting value. The setting value stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing.

5. Press the [ ONLINE ] Key to cancel the User Mode B. MENU ENTER ONLINE MENU ENTER ONLINE 2-61 Chapter 2 Basic Operations 2. 8.12 [Function] User Mode C (Print on TE margin area) User Mode C allows to print the image in the TE margin area (no TE margin is provided). Normal Image area is enlarged (TE margin is provided).

) (No TE margin is provided.) The following 3 settings are selectable. Setting value 0 1 2 Selected setting Normal setting TE Margin Print Mode 1 TE Margin Print Mode 2 Description Does not allow for printing on TE margin area. (Default) Allows for printing on TE margin area. A longer interval is kept between prints for cleaning. Allows for printing on TE margin area. Normal interval is kept between prints. NOTE When a continuous printing "without TE margin" is performed, sometimes the image on the former print may be very weakly printed on the next print as "ghost image". · The Margin Print mode 1 has a special cleaning process between prints to get rid of this ghost image. Therefore the interval between prints becomes longer than usual so the print productivity is reduced, but a better image quality can be expected.

(Recommended setting) The Margin Print Mode 2 does not have the cleaning process. Therefore the print productivity is the same as usual, but the prints may have ghost image. (Not recommended setting) · 2-62 Chapter 2 Basic Operations [Operation] 1. Press the [ MENU ] Key 12 times to select the User Mode C. [ MENU ] Key lights green and the Status Display indicates "UC.

". MENU ENTER ONLINE Press [ MENU ] 12 times. MENU ENTER ONLINE 2. Press the [ MENU ] Key. 2-63 Chapter 2 Basic Operations 3. Change the setting value pressing [ Setting value 0 1 2 Selected setting Normal setting TE Margin Print Mode 1 TE Margin Print Mode 2 ] Key (increment) and [ Description ] Key (decrement). Does not allow for printing on TE margin area. (Default) Allows for printing on TE margin area. A longer interval is kept between prints for cleaning. Allows for printing on TE margin area. Normal interval is kept between prints. MENU ENTER ONLINE MENU ENTER ONLINE 4. Press the [ ENTER ] Key to decide the setting value. The setting value stops flashing when decided. MENU ENTER ONLINE MENU ENTER ONLINE Setting value stops flashing.

2-64 Chapter 2 Basic Operations 5. Press the [ ONLINE ] Key to cancel the User Mode C. MENU ENTER ONLINE MENU ENTER ONLINE 2-65 Chapter 2 Basic Operations 2. 8.13 User Mode D (Cancel E-26 error) [Function] It is possible to specify the error check level for the Call Service Error E-26.

Reference The image quality varies according to the variation of temperature of surrounding environment. To achieve a constant image quality in any environment, some printing parameters are adjusted in real time according to the temperature condition. If the real time adjustment can not work for some reason, a service call error E-26 is indicated and printing stops. The error can be temporarily cleared in the User Mode D by easing the error check level, and you will be able to continue printing. When you will clear the error by the User Mode D, note that; · Image quality may not be satisfactory as the real time adjustment does not work.

· There may be some case that the error can not be cleared even if you ease the error check level. Call the service personnel immediately in this case. · The User Mode D does not remove the real cause of error. Therefore call the service personnel as soon as possible although the KIP9000 seems to be working fine. 1.

Press the [ MENU ] Key 13 times to select the User Mode D. [ MENU ] Key lights green and the Status Display indicates "Ud.". MENU ENTER ONLINE Press [ MENU ] 13 times. MENU ENTER ONLINE 2-66 Chapter 2 Basic Operations 2.

Press the [ MENU ] Key. The setting value flashes and becomes changeable. MENU ENTER ONLINE MENU ENTER ONLINE Setting value flashes. 3. Change the setting value pressing [ Setting value 0 1 ] Key (increment) and [ ] Key (decrement).



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