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You can read the recommendations in the user guide, the technical guide or the installation guide for OKI LD640. You'll find the answers to all your questions on the OKI LD640 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual OKI LD640  
User guide OKI LD640  
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Instruction manual OKI LD640

LD630D/LD640D

**OKI**

**User's Guide**



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**Manual abstract:**

You must obtain written permission from Oki Data Corporation before doing any of the above. Energy Star is a trademark of the United States Environmental Protection Agency. Other product names and brand names are registered trademarks or trademarks of their proprietors. As an Energy Star Program Participant, the manufacturer has determined that this product meets the Energy Star guidelines for energy efficiency. This product complies with the requirements of the Council Directives 2004/108/EC (EMC) and 2006/95/EC (LVD) and 1999/5/EC (R&TTE), as amended where applicable on the approximation of the laws of the member states relating to electromagnetic compatibility, low voltage and radio & telecommunications terminal equipment. The following cables were used to evaluate this product to achieve EMC directive 2004/108/EC compliance and configurations other than this may affect that compliance. 0 -2- MANUFACTURER Oki Data Corporation, 4-11-22 Shibaura, Minato-ku, Tokyo 108-8551, Japan For all sales, support and general enquiries contact your local distributor. IMPORTER TO THE EU/AUTHORISED REPRESENTATIVE OKI Europe Limited (trading as OKI Printing Solutions) Blays House Wick Road Egham Surrey, TW20 0HJ United Kingdom For all sales, support and general enquiries contact your local distributor. 0 -4- LD630D/LD640D □ Manual Information ※ Manual Information & Usage Precautions This user's guide contains basic information for product usage as well as for emergency measures that may be required. □ The following separate manuals provide more detailed content on various technological issues and areas.

1. Windows Driver Manual This manual provides information on the installation instructions and main functions of the Windows Driver. 2. Unified Label Utility-II Manual This manual provides information on the usage of software for function selection of this product, operating condition modification, etc. True Font Downloader Manual This manual provides information on the usage of the font downloader that can download True Fonts and facilitate their usage as Device Fonts.

Net Configuration Tool Manual This manual provides information on the usage of the net configuration tool that can configure Ethernet interface configuration on this product. We at Oki Data maintain ongoing efforts to enhance and upgrade the functions and quality of all our products. In following, product specifications and/or user's guide content may be changed without prior notice. 0 -5- LD630D/LD640D □ Safety Precautions In using the present appliance, please keep the following safety regulations in order to prevent any hazard or material damage. WARNING Violating following instructions can cause serious injury or death.

Do not plug several products in one multi-outlet. • This can provoke over-heating and a fire. □ If the plug is wet or dirty, dry or wipe it before usage. □ If the plug does not fit perfectly with the outlet, do not plug in. □ Be sure to use only standardized multi-outlets. You must use only the supplied adapter. □ It is dangerous to use other adapters. ONLY SUPPLIED ADAPTER PROHIBIT ED PROHIBIT ED Do not pull the cable to unplug. □ This can damage the cable, which is the origin of a fire or a breakdown of the printer. Keep the plastic bag out of children's reach.

□ If not, a child may put the bag on his head. PROHIBIT ED PROHIBIT ED Do not plug in or unplug with your hands wet. • You can be electrocuted. Do not bend the cable by force or leave it under any heavy object. 0 -6- LD630D/LD640D CAUTION Violating following instructions can cause slight wound or damage the appliance. If you observe a strange smoke, odor or noise from the printer, unplug it before taking following measures. □ Switch off the printer and unplug the set from the mains. □ After the disappearance of the smoke, call your dealer to repair it. Be careful not to get your fingers pinched when opening or closing the paper cover. Also be careful the paper cover does not slip off and drop.

TO UNPLUG MECHANICAL HAZARD PRINTER Install the printer on the stable surface. □ If the printer falls down, it can be broken and you can hurt yourself. Use only approved accessories and do not try to disassemble, repair or remodel it for yourself. □ Call your dealer when you need these services. □ Do not touch the blade of auto cutter.

PRINTER PROHIBIT ED DISASSEMBLING PROHIBITED PRINTER Do not let water or other foreign objects in the printer. □ If this happened, switch off and unplug the printer before calling your dealer. Do not use the printer when it is out of order. this can cause a fire or an electrocution. □ Switch off and unplug the printer before calling your dealer.

0 -7- LD630D/LD640D □ Other Precautions The copyright for this user's guide and various other manuals is property of the Oki Data Corporation. Any copying or conversion into electronic form and saving of this material without the express written permission of Oki Data Corporation. is strictly prohibited. Use of the information contained in this manual is not subject to any patent liability. This manual has been prepared with utmost care and attention to detail but may contain certain errors and/or omissions. Oki Data Corporation. Is not legally liable for any damages resulting from the use of the information in this manual. Oki Data Corporation. And its affiliates are not legally liable (United States excluded) for any damages, loss, costs, and/or expenses that result from the breakdown, malfunction, and/or misuse of the product due to violation or neglect of the operation and maintenance information and instructions provided by the Oki Data Corporation. , as well as from the unauthorized alteration, repair, and/or modification of the product by the user and/or third party.

Oki Data Corporation. Is not legally liable for any damages and/or issues resulting from the use of options and/or parts that are not authentic Oki Data products or authorized products. Content Confirmation The following items should all be contained in the printer package. Contact the dealer from which the purchase was made if any item is damaged and/or missing. Installation & Usage ※ CAUTION - Be careful not to get your fingers pinched when opening or closing the paper cover. Make sure to open the paper cover all the way until it locks into the open position. - When loading roll paper, be careful not to get your fingers pinched between the paper roll and the paper holder. - Do not touch the cutter with your hands or do not put something into the cutter. Doing so could result in an injury. 3-1 Power Connection Connect power to the printer as shown below.

OFF Power Switch AC Adapter Power Cord 1) Turn off the printer power switch. 2) Check to see that the AC adapter voltage matches that of the power source. 3) Connect the AC adapter jack to the printer power connector. 4) Connect the power cord to the AC adapter. 5) Connect the power cord to a power source/outlet.

This printer supports the following communications interface standards.



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- RS-232C(Serial) Cable - IEEE1284(Parallel) Cable - USB B-Type Cable USB Cable RS-232C(Serial) Cable IEEE1284(Parallel) Cable 1) Turn off the power switch. 2) Connect the communication cable to the printer communication port to be used. - Connect the RS-232C(Serial) Cable to the SERIAL port. And tighten the screw on both sides.

This port requires a shielded cable less than 1.8m long. - Connect the IEEE1284(Parallel) Cable to the PARALLEL port. And fasten the clips on both sides.

This port requires a shielded cable with ferrite core less than 1. This port requires a shielded cable less than 1. This printer supports the following communications interface standards. RS-232C(Serial) Cable LAN(Ethernet) Cable USB A-Type(WLAN Dongle only) USB B-Type Cable USB B-Type Cable RS-232C(Serial) Cable USB A-Type (WLAN Dongle only) 1) Turn off the power switch. 2) Connect the communication cable to the printer communication port to be used. - Connect the RS-232C(Serial) Cable to the SERIAL port.

And tighten the screw on both sides. This port requires a shielded cable less than 1.8m long. - Connect the LAN(Ethernet) Cable to the ETHERNET port. This port requires a shielded cable less than 3. This port requires a shielded cable less than 1. 2) Spread the Paper Holder and insert paper roll. Paper Cover Paper Holder 3) Pull the paper so that it extends out of the front of the printer. Push the paper under both of the Paper Guide. \* Whether the paper label is wound inwards or outwards, its printing surface must face up.

Paper Guide 4) If you use Black-Mark or Notch paper roll, please lift up the paper and match the sensor position adjust the black mark or notch hole. Moveable Black-Mark Sensor and Notch Sensor □ □ 5) Close the Paper Cover until a click sound is heard. 0 - 15 - LD630D/LD640D 3-4 Buttons and LED 3-4-1 Button Operations Printer state before operation Button Feed/ Cancel Pause Operation procedure • Apply power while depressing the button. □ Hold the button for about five seconds. □ Depress the button softly and release it immediately Printer operation mode Power OFF Depress - Self-test Printing Mode.

Print Standby Print Standby During printing During printing Depress - Feed Mode Stand-alone configuration Mode Print Cancel Mode Print Pause Mode - • Depress the button for two Depress seconds and continue to hold • Depress the button softly and release it immediately • Depress the button softly and release it immediately Depress - Depress Rev. 0 - 17 - LD630D/LD640D 3-5 Test printing 3-5-1 Printing using Windows driver 1) Install the Windows driver. Refer to the "Windows driver manual" in the CD for the installation procedure. 2) Set the "port" of Windows driver to the appropriate interface to be used.

@@@ 1) Install the label design program.

@@@ 2) Turn on the power while holding down the FEED button. the self-test begins. @@@@ Functions that can be used with the utility program are as follows. @@@@ 3) Language setting Code page can be configured. @@@@ □ When the Feed button is depressed pages of labels will be used depending on the type of paper. @@ - When paper length change is detected during feeding or printing. @@@@ printer feeds paper and calibrates Gap Sensor automatically. @@ Error mode can be released by opening and closing the cover.

Use Manual Calibration Mode if paper detection fails in this mode. Smart Media Detection will be disabled if paper detection is successful in this mode. 5-6-1 Procedure to run the calibration • Depress the Feed button at 4th LED sequence as shown in section 5-2-2 (Status LED is Orange and Error LED is blinking Green four times) to start Gap Sensor Automatic Calibration Mode. 0 - 24 - LD630D/LD640D 5-7 Black Mark Sensor Auto Calibration Mode Use this mode when paper is not detected correctly with Smart Media Detection function. printer feeds paper and calibrates Black Mark Sensor automatically. @@ Error mode can be released by opening and closing the cover. Use Manual Calibration Mode if paper detection fails in this mode. Smart Media Detection will be disabled if paper detection is successful in this mode. 5-7-1 Procedure to run calibration • Depress the Feed button at 5th LED sequence as shown in section 5-2-2 (Status LED is Orange and Error LED is blinking Orange four times) to start Black Mark Sensor Automatic Calibration Mode. 0 - 25 - LD630D/LD640D 5-8 Manual Calibration Mode Manual-calibration of media detection can be used when the printer cannot detect a media gap (or black mark) even after auto-calibration has been executed.

Users can calibrate sensor parameters in detail by using the utility program provided by the manufacturer. The utility can be obtained from the enclosed CD. Please make sure the printer is connected and execute the utility program. Click on the Calibration Setting Manager Button after setting the interface type. 1) Select the sensing type and input the label length by millimeter and click on "Check Sensing Value" button.

Then printer starts to calibrate. 2) Printer will print the scanned values after calibration and the values will appear on the Screen. 3) Optimal sensing values will appear in bold letters on the left of the utility screen. Select one of the optimal sensing value by clicking on it's option button and then click on "Save Calibration." 4) If chosen value does not work properly, please try the other values among the bold letters.

5) To go back to the initial value, please click on "Cancel Calibration" Rev. About Cover Closing Mode • The printed area may become out of range of paper if the paper is not in the accurate printing position when the cover is opened and closed. □ The printer is put into Cover Closing Mode instead of Print Standby Mode when the cover is closed in order to prevent this problem, and it waits for user input. □ The status of LEDs are as follows in this mode. - Status LED: Green Blink - Error LED: Green Blink • The data received during Cover Close Mode is not printed until the printer recovers to Print Standby Mode. 2. How to switch the printer from Cover Close Mode to Print Standby Mode • Depress the Pause button to switch to Print Standby Mode without feeding any paper. □ Depress the Feed button to feed one page to align the paper position and switch to the Print Standby Mode. 5-10 Data Dump Mode This function can be used to diagnose the communication issues when the printing does not work correctly. In this mode, the received data are not analyzed instead they are dumped in hex format without processing.

Turn the printer off and on to recover to the Print Standby Mode. 5-10-1 How to start Data Dump Mode 1) Depress the Pause button for two seconds during Print Standby Mode. 2) Both LEDs will change to orange color and the printer will be set to Stand-alone Configuration Mode.



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3) Depress the Feed button at the third LED sequence in 5-2-2 (Status LED Green / Error LED Red – Blink four times) to enable Data Dump Mode. 0 - 27 - LD630D/LD640D 5-11 Factory Reset This function is used to reset the printer settings to factory default settings. 5-11-1 How to reset the printer 1) Depress the Pause button for two seconds during Print Standby Mode. 2) Both LEDs will change to orange color and the printer will be set to Stand-alone Configuration Mode. 3) Depress the Feed button at the 3rd LED sequence as shown in section 5-2-2 (Status LED is Green and Error LED is blinking Red four times) to reset the printer to factory settings, and Smart Media Detection function will be executed. 5-12 The Peel-Off (Option) As a function that is used to peel-off labels, it is used only with label paper. 1) Open the paper cover.

2) Open the label peel-off cover and set the peeler switch to the ON position. - Check to see that the LED has turned on. 0 - 28 - LD630D/LD640D 3) Remove one sheet of the label paper, and insert the paper as shown in the image below. Remove 4) Adjust the paper guides and close the label peel-off cover. (O) (X) 5) Close the Paper Cover until a click sound is heard.

6) Turn the printer off and on. 0 - 29 - LD630D/LD640D 5-13 Using Fan-Fold Paper Supplying paper to the printer externally is done as follows. 5-13-1 Printer Preparation Remove the rear paper supply cover on the back side of the printer with a knife or other cutting instrument. □ CAUTION - Take care not to injure the hands and/or any other part of the body when performing this step. Remove 5-13-2 When Using Fan-Fold Paper 1) Insert the paper at the rear of the printer using the slot and guides.

2) Adjust Paper Holders to the paper width by using the Fix Tool. 0 - 30 - LD630D/LD640D 5-14 Auto Cutter (Option) For auto paper cutting, products equipped with auto cutter are available. auto-Cutter can be controlled by command. And default setting can be changed by Unified Label Utility-II. □ The paper installation method is the same as paper with no auto cutter. 0 - 31 - LD630D/LD640D 5-15 Real-Time Clock (Option) The function of the Real-Time Clock option is to print the time and date onto the label. The date and time can be set in the printer by using the Unified Label Utility-II. @@In this case, you need to replace the battery. When battery is changed, the time and the date will need to be reset. @@@@Then close the cover after changing the battery.

- Wrap the battery when recycling or storing to avoid short circuit. - Do not short circuit the battery. It may result in heat generation or fire. - Do not disassemble or heat the battery. @@When dirty, clean the print head as follows: \* CAUTION - Make sure to turn the printer power off prior to cleaning. - As the print head gets very hot during printing, if intending to clean the print head, turn the printer power off and wait approximately 2~3 minute before commencement. - When cleaning the print head, take care not to touch the heated portion of the print head. → Printer Head is susceptible to damage from static electricity, etc. - Take care not to allow the print head to become scratched and/or damaged in any way. - Be careful not to get your fingers pinched when opening or closing the paper cover.

Make sure to open the paper cover all the way until it locks into the open position. - When loading roll paper, be careful not to get your fingers pinched between the paper roll and the paper holder. - Do not touch the cutter with your hands or do not put something into the cutter. Doing so could result in an injury. 6-1 Cleaning Head 1) Open the Paper Cover and then use the cleaning pen to clean the head in the direction from the center of the head to the edges. 2) After cleaning the head, do not use the printer until the alcohol used for cleaning evaporates completely (1~2 min) and the printer has completely dried. □ Perform the cleaning process each time the paper roll is replaced to prevent print quality deterioration. 0 - 33 - LD630D/LD640D 6-2 Cleaning Sensors, Roller or/and Paper Path 1) Open the paper cover and then remove the paper. 2) Remove any dust or foreign substance using dry cloth or cotton swab. 3) Soak the cloth or cotton swab in alcohol for medical use and use it to remove adhesive foreign substances or other pollution materials.

4) After cleaning the parts, do not use the printer until the alcohol evaporates completely (1~2 min) and the printer has completely dried \* Clean the parts when there is a degradation of performance in printing quality or paper detection. 5A 5 ~ 40 °C (Operating) -20 ~ 60 °C (Storage) 10 ~ 80 % RH (Operating) 10 ~ 90 % RH (Storage) AC Adapter Usage Conditions \*Note - Printing speed can vary depending on the data transmission speed and combination of control commands. - This equipment is for indoor use and all the communication wirings are limited to inside of the building. - The switch is the disconnecting device. Turn off switch from any hazard. 7-2 Label Types The label types used with this printer are as follows. Câble RS-232C (en Série) Câble LAN (Ethernet) USB de type A (Dongle WLAN uniquement) Câble USB de type B Câble RS-232C (en Série) Câble USB de type B Câble LAN (Ethernet) USB de type A (Dongle WLAN uniquement) 1) Eteignez l'imprimante à l'aide de l'interrupteur. .



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