



vivid

KX-CL400



Quickly Color your Office

- Up to 18 ppm in Color and Black & White
- Quick Start Warmup and Low Energy Consumption
- Advanced HDD Security Functions
- Quick PDF Print
- Photo Mode for Enhanced Gloss and Quality
- IPv6-Ready Standard Network Connectivity



Panasonic **ideas for life**

Express Your Ideas Clearly in Color

Fast, efficient, professional quality color – that's the laser advantage. Now Panasonic has made it easier for everyone to experience the quality and convenience of color laser printing with the KX-CL400. Ideal for small and mid-size businesses, this affordable low-maintenance color laser printer not only offers true 1,200 x 1,200 dpi print resolution and versatile network connectivity, the KX-CL400 is one of the first color printer that's certified for the new-generation IPv6 network protocol.

High Speed & Quality

Quick Start while Saving Energy

Panasonic has a smart solution for fast warm up time while consuming less energy. Our Induction Heating (IH) technologies along with a redesigned, low thermal capacity heater belt, has eliminated the need for pre-heating. By maximizing the efficiency of the heating process, these ENERGY STAR® printers are fast, efficient and economical.

Thanks to Panasonic's IH Technology, the KX-CL400 warms up faster and prints from sleep mode while utilizing only 8W of power. These technological breakthroughs contribute to producing quick color documents, helps to conserve the environment, and reduces energy costs.

High speed One-Pass Printing

The KX-CL400 utilizes innovative one-pass technology. Incorporating four in-line 1200 dpi laser diodes and imaging drums, this Panasonic color laser printer is able to produce vibrant, full color documents at speeds comparable to monochrome printing. A cost-effective, state of the art printing process that saves time and money.

Enhanced Color Quality

Thanks to its high-resolution 1200 x 1200 dpi printing, color reproduction is especially vivid. In addition, because the printer engine and controller are optimized for the color setting best suited for photographs, the KX-CL400 delivers impressive results when used for photo printing.

Advanced Management & Security

Advanced HDD Security Functions^{†1}

Hard Disk Data Erasing

Used with the printer's optional internal Hard Disk Drive (KX-CLHD2), the HDD Utility allows you to remotely manage "Check then Print", "Memory Print" and "Confidential Print" files. For added security, this function can be set to automatically render image data unreadable by overwriting it with zero and random data. You can also use it to protect confidential company information by completely erasing all of the hard disk data when the machine is retired.

Direct Print with Quick PDF Print^{†2}

You can also print directly from a PC with simple "drag & drop" of the PDF file you want, without using the printer driver. Printing is quicker and easier than ever.

Quick PDF Print (Direct Printing System^{†2})

The Direct Printing System is a utility that lets you send PDF files directly to the printer, bypassing the printer driver. Delivery Print and Parallel Print methods are also available.

^{†1} Requires optional Hard Disk Drive — sold separately.

^{†2} Requires optional Upgrade Kit (for PostScript® 3™).



Fast Warmup,
Low Energy





Versatile & User Friendly

Convenient Printing Capability

Pages per Sheet

Up to 16 pages can be printed next to each other on a single sheet. This feature is convenient for printing test sheets and conserving paper.

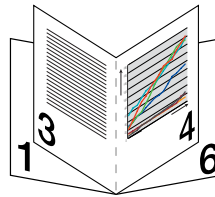
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

Fit to Output Paper Size

Scales the source document to fit the specified paper. This feature is convenient for printing Ledger or A3 source documents on to Letter or A4 paper, for example.

Booklet

This easy-to-use feature automatically converts full-page documents into half size booklets without the need for expensive finishing options or hard to use specialty software. Just print and fold in half for professional style booklets.



Zoom

You can reduce or enlarge (25 – 400%) documents by specifying the desired magnification. You can also specify where scaled documents are positioned on the page.



Poster

Enlarges a single-page source document for printing on a specified number of sheets. You can use this feature to print large posters – just assemble the printed sheets.



Photo Mode

The new Photo mode improves the glossy finish on the surface and enhances contrast to provide beautifully smooth reproductions of color photo images. Now you can add real flair to your business documents with gorgeous color photos.



Automatic Duplex for Efficient Double-Sided Printing

These printers are designed to accommodate an automatic duplex unit, enabling effortless double-sided printing. Cost effective and speedy, double-sided prints are output at an incredible rate of up to 17 ppm* in both Color and Black & White.

With Panasonic's advanced technology, the printer's speed remains the same even when printing two-sided documents. Save time... Save paper... Save money!

* Actual automatic duplex print speed is up to 16.9 ppm with automatic duplex unit (option)

Enhanced Network Connectivity

IPv6-ready Ethernet port

Thanks to Panasonic's intelligent design, you can use the KX-CL400 in an IPv4 environment, an IPv6 environment, or even an environment where both protocols co-exist.

* The provided printer utilities which utilize IP protocol, such as the Device Monitor, are not compatible with IPv6.

USB 2.0 and Parallel Port

The KX-CL400 is also equipped with a full-speed USB 2.0 and IEEE1284 bi-directional parallel interface so it can be used as a stand-alone unit. You can also simultaneously connect to all 3 ports.



High Yield, Easy-to-Replace Consumables

High-yield toner cartridges can be easily replaced from the top of the printer. Improvements to the toner particle and the toner supply system, as well as greater internal system efficiency helps to ensure a longer service life for the toner cartridge and other consumables.



High-Capacity Paper Supply

The KX-CL400 comes standard with a 530-sheet paper cassette and a 100-sheet multi-purpose tray. Two optional Paper Feeders can be added to provide a maximum paper capacity of 1,690 sheets.



•Shown above with optional paper feeders

KX-CL400 Specifications

Performance

One-Pass Print Speed ¹	Up to 18 ppm in Color / Black & White (Letter, 600 x 600 dpi, Simplex)
Print Resolution ²	Up to 1,200 x 1,200 dpi
First Print Time	Approximate 15.5 seconds in Black & White / Color (Power save mode off, 600 x 600 dpi, Letter, Simplex)
Processor	400MHz RISC CPU
Memory (Std / Max)	128 MB / 512 MB - 2 slots

Connectivity

Interface	Ethernet (100 Base-TX / 10 Base-T) / USB 2.0 (Full-Speed) / IEEE 1284 (ECP) Auto Switching, Simultaneous Ports
Network Features (#Requires upgrade kit option)	Network Setup Tool, Web Administrative Tool, Device Monitor (Windows), Embedded Web Launcher, Status Display (Mac) [†] , Email Notification, Embedded Web Server, Direct Printing System [†]
Printer Languages	PCL 6 Emulation / Adobe® PostScript® 3™ (Option) / PDF 1.4 (Option)
Resident Fonts	84 PCL fonts (Standard) / 136 Adobe® PS fonts (Option)
Supplied Printer Drivers	Microsoft® Windows® 98, Windows® Me, Windows NT® 4.0, Windows® 2000, Windows® XP, Windows Server™ 2003 operating systems Mac OS 8.6, 9.0, 9.1, 9.2, Mac OS X 10.1, 10.2, 10.3 (When Adobe® PostScript® 3™ is enabled)
Network Operating System Support	Microsoft® Windows® 98, Windows® Me, Windows NT® 4.0, Windows® 2000, Windows® XP, Windows Server™ 2003 operating systems, NetWare 3.x, NetWare 4.x, NetWare 5.x, NetWare6, 6.5, UNIX (Solaris 2.3x-2.5x, 2.6, 7, 8, HP-UX 9.x and 10.x, BSD UNIX, AIX 4.x.x etc), Mac OS 8.6, 9.0, 9.1, 9.2, Mac OS X 10.1, 10.2, 10.3 (When Adobe® PostScript® 3™ is enabled)
Network Protocol Support	IPv4, IPv6, TCP, UDP, ICMP, ICMPv6, RARP, BOOTP, DHCP, LPD, FTP, TELNET, HTTP, POP3, SMTP, DNS, IPP, WINS, IPX/SPX, NetBEUI, SNMP/MIB, AppleTalk, ELAP, AARP, DDP, AEP, RTMP, ATP, ZIP, NBP and PAP (When Adobe® PostScript® 3™ is enabled)
Network Printing Protocol Support	FTP, LPR, IPP, Standard TCP/IP Port Printing, HP JetDirect Port Printing (TCP/IP, IPX/SPX), SMB, NetWare (PSEVER/RPRINTER mode in NDS/Bindery mode and NDPS), Email printing AppleTalk (When Adobe® PostScript® 3™ is enabled)
Web Server Support	Allows monitoring and managing printer from a standard Web Browser

Paper Handling

Paper Input	Maximum: Up to 1,690 sheets - with optional 530 sheet paper feeders (20 lb. paper) Standard: Universal cassette - 530 sheets (20 lb. paper) Multi-purpose tray - 100 sheets (20 lb. paper)
Paper Output	Face Down 250 sheets (20 lb. paper)
Duplex Print	Automatic: Option Manual: Standard
Media Types	Universal Cassette / Multi-purpose tray: Plain Paper, Bond / Letterhead Recycled Paper(20- 28 lb. paper), Thin Paper (16 - 20 lb. paper), Multi-purpose tray: Labels, Envelopes, Coated Paper, Thick Paper, Card Stock (up to 110 lb.) Transparency
Media Sizes	Universal Cassette: Letter, A4, Legal, B5 (JIS) Multi-purpose Tray: Letter, A4, Legal, B5 (JIS), A5, Executive, Custom (min. 3.5" x 5.8" / max. 8.5" x 14")
Universal Cassette	Auto Tray Selection, Auto Tray Switching, Auto Paper Size Detection Features

Productivity Tools and Controls

Document Enhancement Functions ³	PCL: Watermark, Overlay, Pages per Sheet, Zoom, Fit to Output Paper Size, Booklet, Collate, Poster, Mirror Image Printing, Reverse Page Order PostScript®: Watermark, Pages per Sheet, Scale, Collate
Enhanced Productivity Functions ⁴ (Job Spooling)	PCL: Memory Print, Check then Print, Confidential Print PostScript®: Memory Print, Check then Print
Color Management Control	PCL: Device Color, Photo Color, Grayscale, ICM PostScript®: Device Color, Photo Color, Grayscale, ICM, ColorSync®, SWOP, Euroscale
Print Quality Control	600 x 600 dpi, 1,200 x 600 dpi, 1,200 x 1,200 dpi, Image Reduction
Print Management Tool	Print Count Manager

Operating Environment

Dimensions (W x D x H)	16.5" x 21.1" x 15.7" - without optional paper feeders
Net Weight	approx. 65.7 lb., about 32 kg (including consumables) (without paper feeders)
Power Requirement	120V AC, 50/60 Hz
Power Consumption	Maximum 1,200 W, Average 460 W, Power Save Mode: 8 W
Environment	Operating: 50° F to 90.5° F (10° to 32.5° C) 15% - 80% RH
Regulatory	UL60950-1, FDA21 CFR Ch. 1 Part 1040 (HHS), FCC Rules & Regulations part 15 (Class B) and Part 18

Service and Support

Warranty	1-Year Limited Advance Exchange Warranty
Support	Remote Maintenance, Email Notification (Requires email Connection)

User Replaceable Consumables⁵ & Accessories

Accumulator Unit	100,000 pages (KX-CLAU3)
Fuser Unit	100,000 pages (KX-CLFU3)
Transfer Roller	100,000 pages (KX-CLTR3)
Color Print Cartridge	15,000 pages (KX-CLPC3)
Black Print Cartridge	15,000 pages (KX-CLPK3)
Toner Cartridges ⁶	6,000 pages each (5% coverage) – Yellow (KX-CLTY3), Magenta (KX-CLTM3), Cyan (KX-CLTC3) and Black (KX-CLTK3) 3,000 pages each (5% coverage) – Yellow (KX-CLTY4), Magenta (KX-CLTM4) and Cyan (KX-CLTC4)
Waste Toner Cartridge	14,000 pages (Full Color – 20 % coverage) (KX-CLWT3)
Optional Paper Feeder	Up to 530 sheets each (20 lb.) – Stack up to 2 additional feeders (KX-CLPF1)
Automatic Duplex Unit	Option (KX-CLAD1)
Internal Hard Disk Drive ⁷	40 GB – Enables Job Spooling, Check then Print, Memory Print and Confidential Print, Secure data removal NSA Standard (KX-CLHD2)
Upgrade Kit (for PostScript® 3™)	Adobe® PostScript® 3™ (KX-CLUG2) Enables Direct Printing System for . PDF print
Expandable Memory	128 MB (KX-CLEM3), 256 MB (KX-CLEM4)

¹ Approximate maximum speed on continuous printing

² Additional memory is recommended to ensure 1,200 x 1,200 dpi operation regardless of image size, paper size and in duplex mode.

³ Depending on the OS, some of these functions are not available.

⁴ Requires Hard Disk Drive.

⁵ The rated life expectancy of each consumable is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage per color at 600 x 600 dpi resolution on Letter/A4 size paper). The actual consumable's life will vary depending on its use and other printing variables including page coverage, paper size, media type, print resolution, continuous or intermittent printing, number of color planes, ambient temperature and humidity.

⁶ Printer includes starter toner cartridge that yields 2,500 pages (based on 5% page coverage per color) at 600 x 600 dpi resolution on Letter/A4 size paper.

⁷ User area approx. 31 GB.



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IPv6 Ready Logo Phase-1

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