



QT54837V01

ENGLISH

ESPAÑOL



Canon Inkjet Office All-In-One  
Equipo multifunción para oficina Canon Inkjet

MX510 series

# Specifications

K10375

## General Specifications

### Printing resolution (dpi)

4800\* (horizontal) X 1200 (vertical)  
\* Ink droplets can be placed with a pitch of 1/4800 inch at minimum.

### Interface

USB Port:  
Hi-Speed USB \*1  
Direct Print Port:  
PictBridge  
Bluetooth v2.0 (Option) \*2\*3\*4  
USB flash drive

LAN Port:  
Wired LAN: 100BASE-TX/10BASE-T  
Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b \*5

\*1 A computer that complies with Hi-Speed USB standard is required. Since the Hi-Speed USB interface is fully upwardly compatible with USB 1.1, it can be used at USB 1.1.

\*2 Maximum speed: 1.44 Mbps  
\*3 JPEG/PNG only  
\*4 Bluetooth connection is for printing only.  
\*5 Setup possible through Standard setup, WPS (Wi-Fi Protected Setup) or WCN (Windows Connect Now).

### Print width

8 inches/203.2 mm (for Borderless Printing: 8.5 inches/216 mm)

### Operating environment

Temperature: 5 to 35 °C (41 to 95 °F)  
Humidity: 10 to 90 % RH (no condensation)

### Storage environment

Temperature: 0 to 40 °C (32 to 104 °F)  
Humidity: 5 to 95 % RH (no condensation)

### Power supply

AC 100-240 V, 50/60 Hz

### Power consumption

Printing (Copy): Approx. 18 W  
Standby (minimum): Approx. 1.7 W \*1\*2  
OFF: Approx. 0.4 W \*1  
\*1 USB connection to PC  
\*2 The wait time for standby cannot be changed.

### External dimensions

Approx. 18.1 (W) X 15.2 (D) X 7.9 (H) inches  
Approx. 458 (W) X 385 (D) X 200 (H) mm  
\* With the Front Cover retracted.

### Weight

Approx. 8.8 kg (Approx. 19.3 lb)  
\* With the FINE Cartridges installed.

### Canon FINE Cartridge

Total 1792 nozzles (BK 640 nozzles, C/M/Y each 384 nozzles)

### ADF capacity

A4 or Letter size: max. 30 sheets (20 lb/75 gsm paper), up to 0.16 inches/4 mm in height  
Legal size: max. 5 sheets (20 lb/75 gsm paper), up to 0.04 inches/1 mm in height  
Other sizes: 1 sheet

## Fax Specifications

### Applicable line

Public Switched Telephone Network (PSTN)

### Communication mode

Super G3, G3

### Data compressing system

Black: MH, MR, MMR  
Color: JPEG

### Modem speed

max. 33.6 kbps  
(Automatic fallback)

### Transmission speed

Black: Approx. 3 seconds/page at 33.6 kbps  
(Based on ITU-T No.1 chart for US specifications and Canon FAX Standard chart No.1 for others, both in standard mode.)  
Color: Approx. 1 minute/page at 33.6 kbps  
(Based on Canon COLOR FAX TEST SHEET.)

### Gradation

Black: 256 levels  
Color: 24 bit Full Color (RGB each 8 bit)

### Density adjustment

3 levels

### Memory

Transmission/reception: approx. 50 pages  
(Based on ITU-T No.1 chart for US specifications and Canon FAX Standard chart No.1 for others, both in standard mode.)

### Fax resolution

Black Standard: 203 pels/inch X 98 lines/inch (8 pels/mm X 3.85 lines/mm)  
Black Fine, Photo: 203 pels/inch X 196 lines/inch (8 pels/mm X 7.70 lines/mm)  
Black Extra Fine: 300 X 300 dpi  
Color: 200 X 200 dpi

### Dialing

Automatic dialing  
Coded speed dial (max. 20 destinations)  
Group dial (max. 19 destinations)  
Regular dialing (with Numeric buttons)  
Automatic redialing  
Manual redialing (with the Redial/Pause button: max. 10 destinations)

### Others

Activity report (after every 20 transactions)  
Sequential broadcasting (max. 21 destinations)  
Rejected numbers (max. 10 destinations)

## Copy Specifications

### Multiple copy

max. 99 pages

### Intensity adjustment

9 positions, Auto intensity (AE copy)

### Reduction/Enlargement

25 % - 400 % (1 % unit)

## Scan Specifications

### Scanner driver

TWAIN/WIA (for Windows 7/Windows Vista/Windows XP)

### Maximum scanning size

A4/Letter, 8.5" X 11.7"/216 X 297 mm (Platen Glass), 8.5" X 14.0"/216 X 356 mm (ADF)

### Scanning resolution

Optical resolution (horizontal X vertical) max: 1200 X 2400 dpi \*1  
Interpolated resolution max: 19200 X 19200 dpi \*2  
\*1 Optical Resolution represents the maximum sampling rate based on ISO 14473.  
\*2 Increasing the scanning resolution will limit the maximum possible scanning area.

### Gradation (Input/Output)

Gray: 16 bit/8 bit  
Color: 48 bit/24 bit (RGB each 16 bit/8 bit)

## Network Specifications

### Communication protocol

TCP/IP

### Wired LAN

Supported Standards: IEEE802.3u (100BASE-TX)/IEEE802.3 (10BASE-T)  
Transfer speed: 10 M/100 Mbps (auto switching)

### Wireless LAN

Supported Standards: IEEE802.11n/IEEE802.11g/IEEE802.11b  
Frequency bandwidth: 2.4 GHz  
Channel: 1-11 or 1-13

\* Frequency bandwidth and available channels differ depending on country or region.

Transfer speed (Standard value):  
IEEE802.11n: max. 150 Mbps  
IEEE802.11g: max. 54 Mbps  
IEEE802.11b: max. 11 Mbps

\* These values are a theoretical maximum transmission speed between the printer and an equivalent network device, and do not indicate the actual transmission speed obtained.

Communication distance: Indoors 164 feet/50 m

\* Effective range varies depending on the installation environment and location.

### Security:

WEP (64/128 bits)  
WPA-PSK (TKIP/AES)  
WPA2-PSK (TKIP/AES)

### Setup:

Standard setup  
WCN (WCN-UFD/WCN-NET)  
WPS (Push button configuration/PIN code method)

Other Features: Administration password

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## Minimum System Requirements

Conform to the operating system's requirements when higher than those given here.

Windows	Macintosh
<b>Operating System/Processor/RAM</b>	
Windows 7, Windows 7 SP1 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor 1 GB (32-bit)/2 GB (64-bit)	Mac OS X Lion 10.7 Intel Core 2 Duo, Core i3, Core i5, Core i7, or Xeon processor 2 GB
Windows Vista, Vista SP1, Vista SP2 1 GHz processor 512 MB	Mac OS X 10.6 Intel processor 1 GB
Windows XP SP2, SP3 32-bit only 300 MHz processor 128 MB	Mac OS X 10.5.8 Intel processor, PowerPC G5, PowerPC G4 (867 MHz or faster) 512 MB
<b>Browser</b>	
Internet Explorer 6 or later	Safari 3 or later
<b>Hard Disk Space</b>	
1.5 GB Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.	2 GB Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.
<b>CD-ROM Drive</b>	
Required	Required
<b>Display</b>	
SVGA 800 X 600	XGA 1024 X 768

- A computer with a CD-ROM drive is required to setup the Wi-Fi connection if the push button method is not used.
- Windows: Operation can only be guaranteed on a computer with Windows 7, Windows Vista or Windows XP pre-installed.
- Windows: Uninstall software bundled with the Canon inkjet printer before upgrading from Windows Vista to Windows 7, then install the bundled software again.
- Windows: Some functions may not be available with Windows Media Center.
- Windows: Internet Explorer 7, 8 or 9 is required to install Easy-WebPrint EX.
- Microsoft .NET Framework 4 Client Profile must be installed to use Easy-WebPrint EX in Internet Explorer 9.
- Macintosh: Hard Disk must be formatted as Mac OS Extended (Journaled) or Mac OS Extended.
- Macintosh: After upgrading from Mac OS X 10.6 to Mac OS X Lion 10.7, install software bundled with the Canon inkjet printer.
- Macintosh: For Mac OS, an internet connection is required during software installation.

Specifications are subject to change without notice.

About Consumables  
Consumables (ink tanks / FINE Cartridges) are available for 5 years after production of the machine has stopped.



## Free Manuals Download Website

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