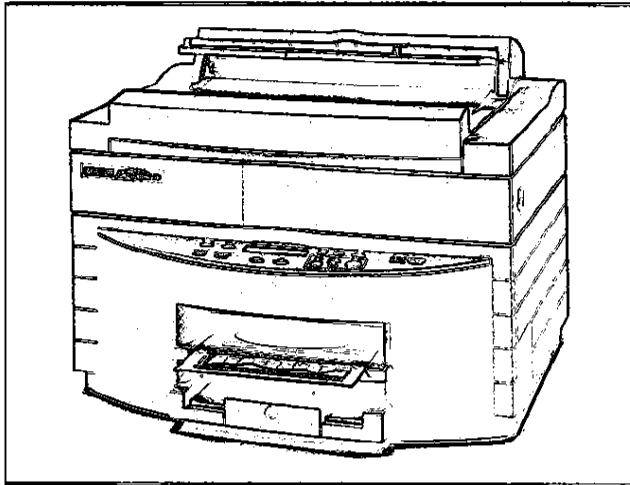


The HP Color Copiers

Technical Data



HP Color Copier 210LX with Automatic Document Feeder

Two color copiers anyone can use for professional-quality color copies.

HP has engineered a breakthrough in color copying! Our HP Color Copier 210LX and HP Color Copier 110 are digital color copiers that provide crisp, high-quality black and white *and* vibrant color copies ... *at an extremely affordable price!*

Both use HP's revolutionary CopySmart digital technology to deliver excellent reproduction, along with the flexibility to enhance or sharpen virtually any image. Digital technology also enables auto-zoom and a wide range of scaling (50%-400%), plus the kind of reliable HP performance that guarantees multiple copies will always look terrific.

Take advantage of color copying right in your own office.

The HP Color Copier 210LX and HP Color Copier 110 are money-saving alternatives to costly outsourcing. They are so economical and easy to use that you can meet almost all your copying needs right in your own office, without sacrificing the quality you demand.

Two HP desktop color copy solutions for your business.

The HP Color Copier 210LX and HP Color Copier 110 really expand your copying possibilities. Both pack big-copier capabilities you

need most, in packages that are so easy to operate that everyone can use them.

The HP Color Copier 210LX has a built-in automatic document feeder that makes it easy for everyone in your workgroup to use. The HP Color Copier 110 is designed for the personal user who needs output that's near photographic quality. And *both* come complete with all of these features:

- HP CopySmart — digital technology that provides sharp, crisp black/white and vibrant color copies.
- Reduction and enlargement of originals from 50% to 400%, with auto zoom to full page.
- Copies on a wide variety of media types (glossy, transparency film, plain paper).

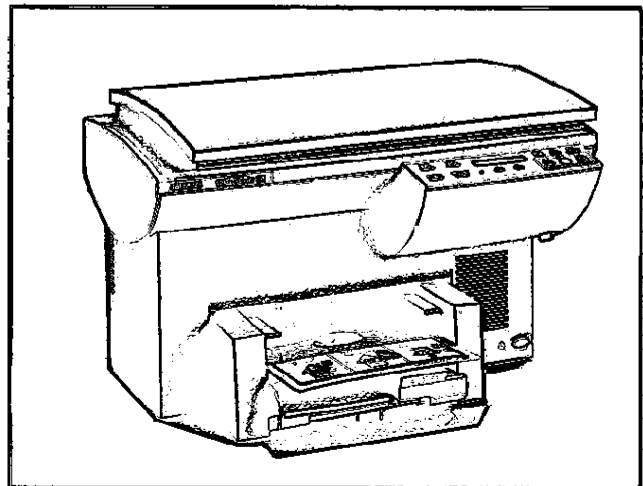
Color copiers that deliver professional results ... right in your office, for almost the same price as black and white.

- Ink cartridges included.
- One-year warranty with Flexible Express Service — On-Site Exchange or Express Repair (On-site repair optional with HP Color Copier 210LX).

Unbeatable quality. Unparalleled convenience. And an unbelievable price.

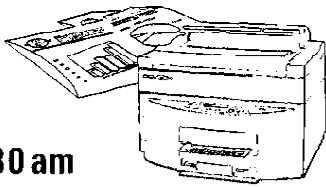
When HP claims "breakthrough," we really mean it ... in more ways than one. Because feature for feature, the HP Color Copier 210LX and HP Color Copier 110 are stellar performers for any business or department.

They deliver all the advantages you need today: virtually unlimited versatility for a variety of applications ... for *all* your copying needs ... for *much less* than you'd expect!



HP Color Copier 110

8:30 am

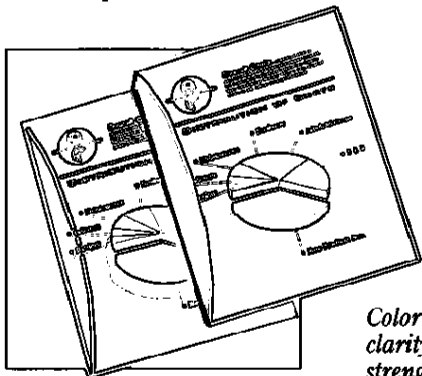


“The presentation’s at 9 ... but you’ll be ready.”

When quick professional results are an absolute must, so are the HP Color Copier 210LX (with automatic document feeder) and the HP Color Copier 110. Both produce crisp black and white pages and breathtaking color images on a variety of media types to give you the versatility you need. Both are fast, so you’ll have your copies when you need them. And you’ll save time and money when you can *do it all in the office* ... as opposed to your local or corporate print shop.

HP Color Copier 210LX’s 40-page Automatic Document Feeder turns out multiple copies from multiple originals ... even legal size.

2:00 pm



Color adds impact and clarity to documents, and strengthens important messages.

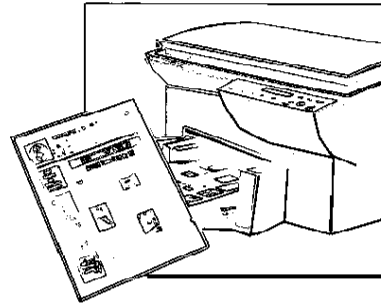
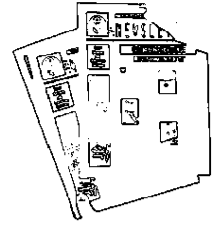
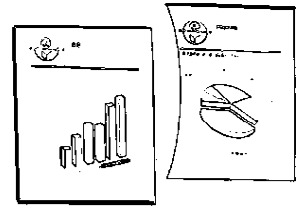
“Bring key information alive with color... almost instantly.”

Nothing commands attention, creates a professional look, and *sells* like color. When you have the HP Color Copier 210LX or HP Color Copier 110 in your office, you have the power of color at your fingertips ... always! And why settle for less? Now sharp, vibrant color copies are almost as inexpensive as black and white!

4:00 pm

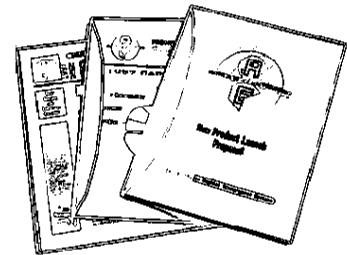
‘Flexibility *and* professional results.’

HP Color Copier 210LX and HP Color Copier 110 both reduce or enlarge originals from 50% to 400%, with auto-zoom to full page. The HP Color Copier 210LX adds an automatic document feeder that accommodates legal size paper. That means you can count on sharp black and white copies and rich color to wrap up virtually any job you have—from company newsletters to attention-getting mailers.



Reduce, enlarge, auto-zoom to full page and more. With HP Color Copiers, you have all the options.

HP Color Copiers reproduce beautiful images on transparency film, plain paper, and glossy media.



HP Color Copier 210LX specifics

- HP CopySmart advanced digital technology for crisp images, vibrant colors and sharp blacks.
- 40-page Automatic Multi-Copy Document Feeder with capability for multiple copies from multiple originals.
- Up to 10 copies per minute black/white, 6 copies per minute color.
- Less than one minute per copy for full-page color.
- Reduction and enlargement of originals from 50% to 400%, with auto zoom to full page.
- Letter and legal size flatbed copying.
- 180-sheet paper capacity.
- Individual color cartridges for low cost per copy.

HP Color Copier 110 specifics

- HP’s innovative CopySmart digital technology means top-quality images, in color or black and white.
- Up to 7 copies per minute black/white, 3 copies per minute color.
- Less than two minutes per copy for full page color.
- Reduction and enlargement of originals from 50% to 400%, with auto zoom to full page.
- Ink cartridges included.
- Copies letter-size originals.

Technical Specifications



HP Color Copier 210LX																					
Description	The HP Color Copier 210LX is a plain paper, drop-on-demand thermal inkjet digital color copier with a stationary letter/legal - size flatbed copying surface and a multi-copy 40-sheet document feeder.																				
Features	This copier comes equipped with a document feeder, power cord, one black, one cyan, one magenta, and one yellow ink cartridge, and a user's guide.																				
Copying speed*:	<table border="1"> <thead> <tr> <th>Mode</th> <th>Black</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>Draft</td> <td>up to 10 cpm</td> <td>up to 6 cpm</td> </tr> <tr> <td>Normal</td> <td>up to 8 cpm</td> <td>up to 2.3 cpm</td> </tr> <tr> <td>Best</td> <td>up to 5 cpm</td> <td>up to 1.6 cpm</td> </tr> </tbody> </table> <p>First page out (black&white) - approx. 12 sec. Warm-up time at initialization - approx. 20 sec. *Copy times vary depending on content. A full-page of color copies in approx. 1 minute in Normal mode.</p>	Mode	Black	Color	Draft	up to 10 cpm	up to 6 cpm	Normal	up to 8 cpm	up to 2.3 cpm	Best	up to 5 cpm	up to 1.6 cpm								
Mode	Black	Color																			
Draft	up to 10 cpm	up to 6 cpm																			
Normal	up to 8 cpm	up to 2.3 cpm																			
Best	up to 5 cpm	up to 1.6 cpm																			
Reduction/Enlargement:	50% - 400% scaling with increments of 1% and an automatic setting for full-page enlargements. Eight zoom presets: 50%, 78%, 95%, 152%, 177%, 213%, 304%, and 400%.																				
Multiple Copies:	1-99.																				
HP CopySmart	HP's digital copying technology which provides sharp, crisp color and black & white copies automatically. Auto zoom automatically enlarges any size photo to fit on a full-page. 20 digit LCD on front panel for easy use and instructions.																				
Duty Cycle	Rated maximum monthly usage: 1,500 pages.																				
Document Feeder (Included)	Automatically feeds up to 40 sheets for multiple copies of multiple originals.																				
Physical Specifications	Height x width x depth: 17 x 22.6 x 18.5 inches Net weight: 72 lbs. Shipping weight: 85 lbs.																				
Media Handling	Sizes: Paper: U.S. letter, legal, or A4 Types: Cut-sheet plain paper (all sizes above); HP Premium paper, transparency film, and glossy media, and Avery inkjet labels. Weights: Paper: 16 to 36 lb. (60 to 135 g/m ²). Automatic feed for paper, film, and labels. Input tray holds 180 sheets of plain paper. Output tray holds up to 100 sheets of plain paper.																				
Power Requirements	100-240 volts VAC ± 10%, 50/60 Hz ± 3Hz.																				
Power Consumption	<table border="1"> <tbody> <tr> <td>Off position</td> <td>1.8 watts</td> </tr> <tr> <td>Idle mode (average)</td> <td>45 watts</td> </tr> <tr> <td>Operating mode (average)</td> <td>250 watts</td> </tr> <tr> <td>Maximum</td> <td>360 watts</td> </tr> </tbody> </table>	Off position	1.8 watts	Idle mode (average)	45 watts	Operating mode (average)	250 watts	Maximum	360 watts												
Off position	1.8 watts																				
Idle mode (average)	45 watts																				
Operating mode (average)	250 watts																				
Maximum	360 watts																				
Product Certifications	Safety: UL listed to UL1950; CSA certified to CSA 22.2 No. 950; NEMKO licensed; complying with EN60950; NOM-NYCE approved. EMI: FCC verified Class B, EN 55022 Class B; registered VCCI, Class 2. This class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations, ICES-003.																				
Ordering Information	<table border="1"> <thead> <tr> <th>C5303A</th> <th>The HP Color Copier 210LX</th> </tr> </thead> <tbody> <tr> <td colspan="2">Print Cartridges</td> </tr> <tr> <td>51645A</td> <td>Black ink cartridge</td> </tr> <tr> <td>51640C</td> <td>Cyan ink cartridge</td> </tr> <tr> <td>51640M</td> <td>Magenta ink cartridge</td> </tr> <tr> <td>51640Y</td> <td>Yellow ink cartridge</td> </tr> <tr> <td colspan="2">HP Premium Paper and Film</td> </tr> <tr> <td>51634Y</td> <td>A size InkJet Paper, 200 sheets</td> </tr> <tr> <td>C3834A</td> <td>A size Transparency Film, 50 sheets</td> </tr> <tr> <td>C3836A</td> <td>A size Glossy Paper, 50 sheets</td> </tr> </tbody> </table>	C5303A	The HP Color Copier 210LX	Print Cartridges		51645A	Black ink cartridge	51640C	Cyan ink cartridge	51640M	Magenta ink cartridge	51640Y	Yellow ink cartridge	HP Premium Paper and Film		51634Y	A size InkJet Paper, 200 sheets	C3834A	A size Transparency Film, 50 sheets	C3836A	A size Glossy Paper, 50 sheets
C5303A	The HP Color Copier 210LX																				
Print Cartridges																					
51645A	Black ink cartridge																				
51640C	Cyan ink cartridge																				
51640M	Magenta ink cartridge																				
51640Y	Yellow ink cartridge																				
HP Premium Paper and Film																					
51634Y	A size InkJet Paper, 200 sheets																				
C3834A	A size Transparency Film, 50 sheets																				
C3836A	A size Glossy Paper, 50 sheets																				
Product Warranty	The HP Color Copier 210LX comes with a one-year HP warranty with Flexible Express Service which gives the customer the choice between Express Exchange (for the fastest turnaround) or Express Return and Repair. Extended warranty options including on-site service are also available.																				

HP Color Copier Environmental Ranges

Temperature: Recommended operating: 15 to 35°C (59 to 95°F)

Maximum operating: 5 to 40°C (41 to 104°F)

Storage: -40 to 60° (-104 to 140°F)

Humidity: 15 to 80% RH non-condensing

Noise levels per ISO 9296:

Sound Level	Best	EconoFast
Sound Power, L _{WA} :	6.3 B(A)	6.5 B(A)
Sound Pressure*, L _{PAm} :	50 dB(A)	52 dB(A)

*Bystander positions

HP Color Copier 110																	
Description	The HP Color Copier 110 is a plain paper, drop-on-demand thermal inkjet digital color copier with a letter-size (8 1/2 x 11 inch) flatbed copying surface.																
Features	This copier comes equipped with a power cord, one black ink cartridge, one color ink cartridge, and a user's guide.																
Copying speed*:	<table border="1"> <thead> <tr> <th>Mode</th> <th>Black</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>Draft</td> <td>up to 7 cpm</td> <td>up to 3 cpm</td> </tr> <tr> <td>Normal</td> <td>up to 7 cpm</td> <td>up to 1 cpm</td> </tr> <tr> <td>Best</td> <td>up to 3 cpm</td> <td>up to 0.8 cpm</td> </tr> </tbody> </table> <p>First page out (black&white) - approx. 17 sec. Warm-up time at initialization - approx. 20 sec. *Copy times vary depending on content. A full-page of color copies in approx. 2 minutes in Normal mode.</p>	Mode	Black	Color	Draft	up to 7 cpm	up to 3 cpm	Normal	up to 7 cpm	up to 1 cpm	Best	up to 3 cpm	up to 0.8 cpm				
Mode	Black	Color															
Draft	up to 7 cpm	up to 3 cpm															
Normal	up to 7 cpm	up to 1 cpm															
Best	up to 3 cpm	up to 0.8 cpm															
Reduction/Enlargement:	50% - 400% scaling with increments of 1% and an automatic setting for full-page enlargements. Seven zoom presets: 50%, 93%, 147%, 172%, 206%, 295%, and 400%.																
Multiple Copies:	1-50.																
HP CopySmart	HP's digital copying technology which provides sharp, crisp color and black & white copies automatically. Auto zoom automatically enlarges any size photo to fit on a full-page. 16 digit LCD on front panel for easy use and instructions.																
Duty Cycle	Rated maximum monthly usage: 1,000 pages.																
Physical Specifications	Height x width x depth: 12.8 x 21.3 x 17.7 inches Net weight: 33 lbs. Shipping weight: 42 lbs.																
Media Handling	Sizes: Paper: U.S. letter, A4 Types: Cut-sheet plain paper (all sizes above); HP Premium paper, transparency film, and glossy media, and Avery inkjet labels. Weights: Paper: 16 to 36 lb. (60 to 135 g/m ²). Automatic feed for paper, film, and labels. Input tray holds 150 sheets of plain paper. Output tray holds up to 50 sheets of plain paper.																
Power Requirements	100-240 volts VAC ± 10%, 50/60 Hz ± 3Hz.																
Power Consumption	<table border="1"> <tbody> <tr> <td>Off position</td> <td>0.5 watts</td> </tr> <tr> <td>Idle mode (average)</td> <td>9.8 watts</td> </tr> <tr> <td>Operating mode (average)</td> <td>27 watts</td> </tr> <tr> <td>Maximum</td> <td>48 watts</td> </tr> </tbody> </table>	Off position	0.5 watts	Idle mode (average)	9.8 watts	Operating mode (average)	27 watts	Maximum	48 watts								
Off position	0.5 watts																
Idle mode (average)	9.8 watts																
Operating mode (average)	27 watts																
Maximum	48 watts																
Product Certifications	Safety: UL listed to UL1950; CSA certified to CSA 22.2 No. 950; NEMKO licensed; complying with EN60950; NOM-NYCE approved. EMI: FCC certified Class B, EN 55022 Class B; prEN 55024-2; prEN 55024-3; prEN 55024-4; registered VCCI, Class 2. This class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations, ICES-003.																
Ordering Information	<table border="1"> <tbody> <tr> <td>C5353A</td> <td>The HP Color Copier 110</td> </tr> <tr> <td colspan="2">Print Cartridges</td> </tr> <tr> <td>51645A</td> <td>Black ink cartridge</td> </tr> <tr> <td>51641A</td> <td>Color ink cartridge</td> </tr> <tr> <td colspan="2">HP Premium Paper and Film</td> </tr> <tr> <td>51634Y</td> <td>A size InkJet Paper, 200 sheets</td> </tr> <tr> <td>C3834A</td> <td>A size Transparency Film, 50 sheets</td> </tr> <tr> <td>C3836A</td> <td>A size Glossy Paper, 50 sheets</td> </tr> </tbody> </table>	C5353A	The HP Color Copier 110	Print Cartridges		51645A	Black ink cartridge	51641A	Color ink cartridge	HP Premium Paper and Film		51634Y	A size InkJet Paper, 200 sheets	C3834A	A size Transparency Film, 50 sheets	C3836A	A size Glossy Paper, 50 sheets
C5353A	The HP Color Copier 110																
Print Cartridges																	
51645A	Black ink cartridge																
51641A	Color ink cartridge																
HP Premium Paper and Film																	
51634Y	A size InkJet Paper, 200 sheets																
C3834A	A size Transparency Film, 50 sheets																
C3836A	A size Glossy Paper, 50 sheets																
Product Warranty	The HP Color Copier 110 comes with a one-year HP warranty with Flexible Express Service—Express Exchange or Express Repair. HP service warranty upgrades are also available.																

If you have questions about the HP color copiers, go to:

HP Color Copier Website: www.hp.com/go/copiers

Hewlett-Packard peripherals and personal computers are available at authorized HP resellers worldwide. In North America, call for the authorized HP reseller nearest you:

United States: 1-800-552-8500

Canada: 1-800-387-3867

HP supplies and accessories are available at authorized HP resellers and many local computer or office supply stores.

5966-0290EUC

©Hewlett-Packard Co., 1997

Technical information in this document is subject to change without notice.