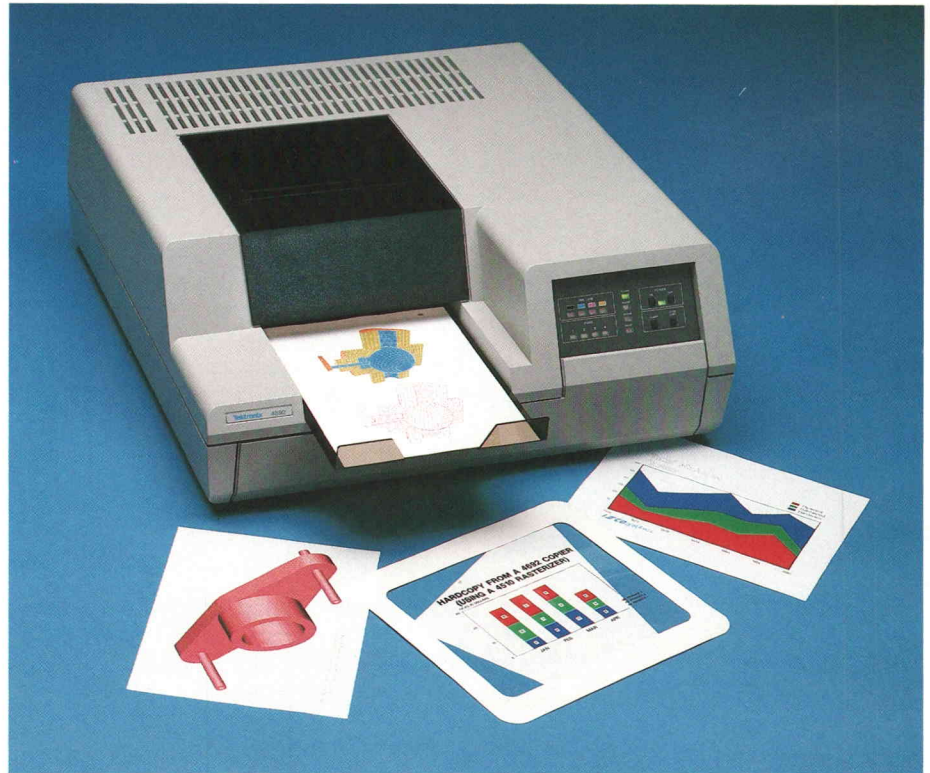


Offers high quality A-size color hard copy from Tek 4100 and 4110 Series color display terminals, or from a host with the Tek 4510 Color Graphics Rasterizer.

## COLOR GRAPHICS COPIER

- Superior image quality and excellent color saturation
- Unique Ink Transient Suppressor for reliable operation
- Adjustable for A and A4 size
- Horizontal and vertical formats
- Four-way multiplexer option
- Variable image density and copy time
- 216 on-board colors
- Auto-handling of paper & transparencies

**Highest quality paper and transparency film copies.** The Tektronix 4692 Color Graphics Copier represents a major advancement in color ink jet technology. The Tek 4692 combines exceptional image quality, reliability and ease of use. Copies are made in as little as one minute depending on format and signal source. The high performance drop-on-demand air flow technology provides addressability of up to 154 dots per inch (6 dots per mm) in both horizontal and vertical directions. This allows up to 1536 by 1152 dots in an A-size image. Specially matched paper and transparency media and



inks provide highly saturated colors (including a vivid black due to a separate black ink supply).

### **The 4692 reliability breakthrough.**

The 4692 delivers a new standard in ink jet reliability. The ink jet heads are sealed when not in use and are washed and purged automatically at power up and periodically during operation. Each head is backed by a unique Ink Transient Suppressor (patent pending) that effectively prevents the ink clogs and bubbles associated with some ink jet printers.

**Color copies with ease.** The 4692 is designed for minimum operator intervention. Copies are generated by program command, or by pushing a button on the Tektronix 4100 or 4110 Series terminal keyboard. Image orientation, image density (for fast preview copies or higher quality final copies), and 216 on-board colors can be selected. The 4692's input media tray can accept up to 100 sheets of

paper or 50 transparencies. The pre-cut sheets are fed, processed and stacked automatically in the output tray. Transparencies are delivered dry and ready to use and are processed with interleaved paper separator sheets for handling convenience. Changing between paper and transparencies is a matter of seconds. Individual snap-in 200ml. ink cartridges provide approximately 4000 copies and then are easily replaced. Supplies status (ink low, paper out) is automatically sensed and reported to the host.

### **Terminal copier or host resource.**

The 4692's 8-bit parallel interface is compatible with the 4106, 4107, 4109, 4113B Option 09, and 4115B Option

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## Performance Characteristics

### Addressability

Fixed mode: 154 dots per inch (6 dots/mm)—horizontal & vertical  
Variable mode: 128 - 158 dots per inch—horizontal & vertical (a "preview" mode that maximizes the image size & minimizes the copy time for a given signal source)

### Page and Image Format

A and A4 output sizes  
Landscape and Portrait format selectable under program control

### Copy Time

Depends on image format, addressability mode, and the signal source:

4106, 4107, 4109 and 4113B Computer Display Terminals: Minimum—1.0 minute  
Maximum—1.75 minutes  
4115B Computer Display Terminal: Approx. 3.0 minutes  
4510 Color Graphics Rasterizer: Variable (image dependent)

Nominal copy times:  
Portrait/128 dpi - 1.0 minute  
Landscape/154 dpi - 2.0 minutes

### Interface

Eight-bit parallel

### Connector

36-pin (Series 57 micro Ribbon)

### Colors

216 onboard colors and shades

### Compatibility

4106, 4107, 4109, 4113B Option 9 and 4115B Option 9 Computer Display Terminals; 4510 Color Graphics Rasterizer.

### Image Sizes (For A-size output; A4-size output slightly smaller to maintain adequate margins)

4106/4107/4109/4113B:  
Landscape—10 by 7.5 in  
Portrait—5 by 3.75 in  
4115B: Landscape—9.4 by 7.5 in  
Portrait—Not available  
4510: Landscape—10 by 7.5 in  
Portrait—7.5 by 5.6 in

### Data Rate

Minimum—17K pixels/second (lower data rates can be accommodated but with longer copy times)  
Maximum—400k bytes/second (burst mode)

### Physical Characteristics

Height—21.6 cm (8.5 in)  
Length—61 cm (24 in)

Width—61 cm (24 in)  
Weight—32 kg. (70 lbs)

### Environmental Characteristics

Temperature (operating)—15 to 35° C  
Humidity—15% to 85% relative humidity, non-condensing

### Line Voltage

87 - 107 Vac, 104 - 128 Vac, 191 - 235 Vac, 209 - 250 Vac, all at 48 - 62 Hz.

### Input Power

360 Watts—Peak  
110 Watts—Nominal Operating

### Safety and Transit

Meets UL 114, UL 478, CSA 154, IEC 380, IEC 435.

## Options, Accessories and Supplies

### Options

Option 1 Setup for A4 Size Media  
Option 2 Four Channel Multiplexer  
Option 3 Supplies Startup Kit (A size media)  
Option 4 Supplies Startup Kit (A4 size media)  
Option A1 Universal European 220V/16A Power Cord  
Option A2 United Kingdom 240V/13A Power Cord

Option A3 Australian 240V/10A Power Cord  
Option A4 North American 240V/15A Power Cord  
Option A5 Swiss 230V/16A Power Cord  
Option N1 Warranty Plus Service Plan + 9 Months  
Option N3 Warranty Plus Service Plan (OEM only)

### Standard Accessories

Power Cord  
Input Media Tray  
Output Media Tray  
4692 Operator's Manual

### Optional Accessories

Interconnecting Cable, 3 meters (10 ft)  
Interconnecting Cable, 10 meters (30 ft)  
4692 Service Manual  
4692 Device Driver Development Guide

### Supplies Products

Ink Jet Paper, 500 sheets per package  
— A size: 216 × 279 mm (8.5 × 11 in)  
016-0793-00  
— A4 size: 210 × 297 mm (8.3 × 11.7 in)  
016-0794-00  
Transparency Film, 100 sheets per package  
— A size: 216 × 279 mm (8.5 × 11 in)  
016-0765-02  
— A4 size: 210 × 297 mm (8.3 × 11.7 in)  
016-0794-00

Ink Jet Cartridges (200 cc each)  
— Cyan — Yellow  
016-0713-00 016-0715-00  
— Black — Magenta  
016-0714-00 016-0716-00  
Maintenance Liquid Cartridge  
016-0770-00

09 Color Display Terminals.\* With four-channel multiplexing (Option 2), the 4692 can serve any four of these terminals at once. The 4692 also functions as a host-connected, shared-system resource, particularly when paired with the 4510 Color Graphics Rasterizer. The 4510 accepts high-level graphics commands across a RS-232 interface from a host or other signal source, converts them into raster format and then drives the 4692 at its full resolution. With the 4510, the 4692 delivers superior color hard copies at a low cost per user without tying down terminals or the host.

**A copier for all systems.** When supported by a host driving routine and rasterizing software or hardware, the 4692 is a powerful addition to any color system or workstation offering a Centronics-style parallel output port. An optional device driver development manual is available to assist OEM's or end users incorporate the 4692 into their system.

\*With 4113B Opt. 09/4115B Opt. 09 firmware versions current as of Fall, 1984; 4106/4107/4109 firmware versions current as of Winter, 1984.

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Some of the products, options and services mentioned in this brochure may not be available outside the USA. Contact your local Tektronix representative for details.

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