Pointmaker by Boeckeler

High Definition! (and Standard Definition)

CPN-5000

HDCP Color Annotation System

w/ Scaling, Capture, Print, Network

and

Scales any input to high resolution 4 x 3, 16 x 9, and 16 x 10 video formats.

PRODUCT OVERVIEW

DRAW & POINT OVER ALMOST ANY VIDEO IMAGES, INCLUDING HIGH BANDWIDTH DIGITAL CONTENT PROTECTED IMAGES. The Pointmaker CPN-5000 video marker is a powerful tool that gives presenters the power to quickly and easily focus audience attention within a video image. Colorful markings immediately draw a viewer's eyes to any location you wish to emphasize.

CAPTURE • STORE • RELOAD (No Computer Required). The CPN-5000 is the first high-resolution Pointmaker Video Marker with integrated capture, print and TCP/IP networking features. It is a single solution for anyone wanting to annotate over video and capture the result. Coaches can use it to freeze game videos, then annotate and print them for distribution. Multiple images can be captured to a USB memory device for storage or later transfer to a computer. Captured images can also be reloaded for viewing or sharing. It is ideal for courtrooms and other high-end installations.

SUPERIOR SCALING. The CPN-5000 is a highly flexible scaler, capable of receiving video input in Composite, Y/C, RGB, YUV, DVI-I and HDMI formats, while scaling the output in high-resolution formats up to 1280 x 1024, 1440 x 900, and 1080p.

NETWORK AND SHARE. Built-in networking features allow two or more CPN-5000 units to share captured images over TCP/IP networks (local or Internet). Users can then mark over the same image while conferencing together. Telemedicine and distance learning benefit tremendously from networked annotation features. It helps to replace the visual communication cues that are lost when people are not in the same room.

COLOR PRINTING. The CPN-5000 is the first high-resolution Pointmaker Video Marker to support UNIX LP printing directly from the unit. You can print to a color Postscript printer two different ways: over a TCP/IP network using the Ethernet connector; or through the USB port to a IEEE1284 port on the printer. This requires a USB to IEEE1284 printer cable (not included).

FEATURES

- **Scale and Annotate most video sources (NTSC/PAL)**
- **Save images to USB memory devices**
- **Print images to any network Postscript printer, also some Postcript USB printers**
- **Share images over networks**
- **Easily move images to/from a computer using USB memory device**
- **Standard Pointmaker Features:**
  - Freehand drawing
  - 12 pointer types
  - 4 line widths
  - 7 colors
  - 3 highlight colors
- **Controllers:**
  - most touch screens
  - digitizing tablet
  - keyboards
  - electronic whiteboards

4650 S. Butterfield Drive • Tucson, Arizona 85714 USA

Phone: 520.745.0001 • **Fax:** 520.745.0004 • **E-mail:** info@boeckeler.com • **www.pointmaker.com**

Boeckeler Instruments, Inc.

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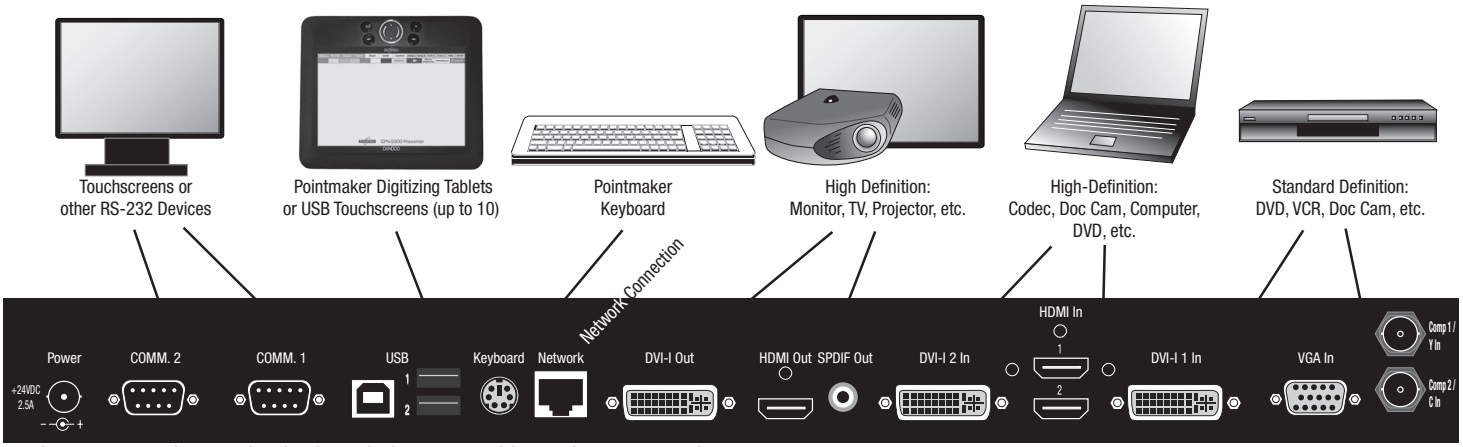
CPN-5000 SPECIFICATIONS

VIDEO INPUT	Seven video input connectors (2-HDMI, 2-DVI-I, HD-15, 2-BNC)
HDMI & DVI-I	Digital video most standard resolutions up to 1920x1200
VGA	Analog video most standard resolutions up to 1280x1024
Composite and Y/C	NTSC video @ 15.734 kHz and with PAL video @ 15.675 kHz COMPOSITE (BNC x 2) - 1.0Vp-p, 75 ohms, sync negative Y/C (BNC) - Y: 1.0Vp-p, 75 ohms; C: 0.286Vp-p (burst), 75 ohms
VIDEO OUTPUT	Scales any input to high resolution 4x3, 16x9, or 16x10 video formats
HDMI	Digital video most standard resolutions up to 1920x1200
DVI-I	1 Digital video channel, 1 Analog video channel most standard resolutions up to 1920x1200
POWER SOURCE	100-120/200-240 VAC (50/60 Hz)
CONNECTIVITY	Expandable with COMM-4 or COMM-8 (Requires larger enclosure)
CURRENT	2 AMP
POWER CONS.	60 watts
OPERATING TEMP.	34° F to 131° F (0° C to 55° C)
DIMENSIONS	17.5" (W) x 1.75" (H) x 14.75" (D) (44.45 cm x 4.445 cm x 37.465 cm)
APPROX. WEIGHT	7.9 lbs (3.58 kg)
WARRANTY	One (1) year parts and labor

CONFIGURATION OPTIONS



The CPN-5000 ships with a keyboard, digitizing tablet and memory stick.

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www.pointmaker.com

..."add a little zap to your presentation." ™

a little "Zap" ™

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