

CopperHead RCP2050

Universal Camcorder Remote Control Panel with Optional LCD Monitor



Lightweight, easy-to-deploy fiber connectivity solutions.

The CopperHead RCP2050A universal camera control panel from Grass Valley, a Belden Brand, provides remote control for a range of broadcast camcorders from most major camera manufacturers, providing perfect emulation of control units from Sony, Panasonic, JVC, Hitachi and Ikegami. The unit can be used in place of remote control panels that do not provide functional joystick control of iris and pedestal.

The 2050A interfaces directly with the CopperHead fiber optic extension systems, or can be connected directly to a camera or a camcorder.

All camera control adjustments* can be adjusted via the intuitive control panel, with its tactile buttons, large rotary encoder and reliable, noise free, non-contact joystick which controls iris, pedestal and preview.

Multiple non-volatile storage and retrieval scene files are available both internally and via SD card access. The SD card allows scene file settings to be transported across multichannel systems as well as off-site backup.

An on screen display (OSD) video output provides operational information and SD scene file access menus. This OSD output can be connected to an external standard definition composite VBS monitor or, optionally, a tiltable 89 mm (3.5 in.) TFT-LCD unit is available (CHRCP-LCD1) which is ergonomically designed to match and fit the CopperHead RCP2050.

For flush mounting, the low profile design of only 40 mm (1.58 in.) below desktop surface gives maximum under desk clearance, using the included panel mounting brackets.

*As cameras and controllers differ considerably in the functionality they offer, not all functions are available with all cameras.

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KEY FEATURES

- Works with the CopperHead systems
- Optional 89 mm (3.5 in.) LCD video/OSD picture monitor, tiltable 0 - 45° (model CHRCP-LCD1)
- On screen display (OSD) video output is standard for LCD and external monitor (PAL or NTSC)
- SD card transportable scene file storage
- Internal scene file storage
- Low profile design — 40 mm (1.58 in.) deep excluding controls
- Provides external tally input to most cameras and camcorders
- Smooth full function joystick with built-in pedestal control
- Joystick Iris control uses non-contact technology for noise-free operation and reliability
- Joystick preview selector with solid state relay output

SPECIFICATIONS

Power input, RCP:

8-50 VDC
1.5W typical 3.5W max.

Power input, display:

10-14 VDC
5.5W typical 7W max.

Serial control types:

RS-422/232

Tally input (red and green)*:

Level OFF 0 V (GND)*, CMOS
Level ON 5V* levels

Resistance: 10 K Ω

OCU /EN:

Level OFF +5V
Level ON 0V

Preview contacts o/p:

Voltage: 100V max
Current: 120 mA AC max
250 mA DC max
On resistance: 25 Ω max
Isolation: 5000 Vrms max

* Nominal sense — levels vary depending on panel emulation.

ORDERING

CHRCP-2050	Universal camera remote control panel with SD memory slot
CHRCP-2050-LCD1	Universal camera remote control panel with SD memory slot and LCD control panel
CHRCP-LCD1	Optional 89 mm (3.5 in.) LCD panel for CHRCP-2050 (separate)
CHBR-OC2040-422	CHRCP base remote cable for CopperHead base stations (RS-422)
CHBR-OC2040-232	CHRCP base remote cable for CopperHead base stations (RS-232)



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