



Telecast
Fiber Systems, Inc.

CHRCP-2050 & CHRCP-LCD1

Universal Camera Operational Remote Control Panel with optional LCD monitor.



CHRCP2050, shown with optional LCD Display in raised and lowered positions

- Works with Telecast's CopperHead systems.
- Optional 3.5 inch (89mm) LCD video/OSD picture monitor. Tilttable 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 - 40mm deep excluding controls
- Facilities provided exceed emulated panels.
- 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.

The CHRCP2050 Remote Control Unit can be configured to emulate many different control panels from various manufacturers. A major feature of the design is that the unit can be used in place of remote control panels that do not provide functional joystick control of iris and pedestal.

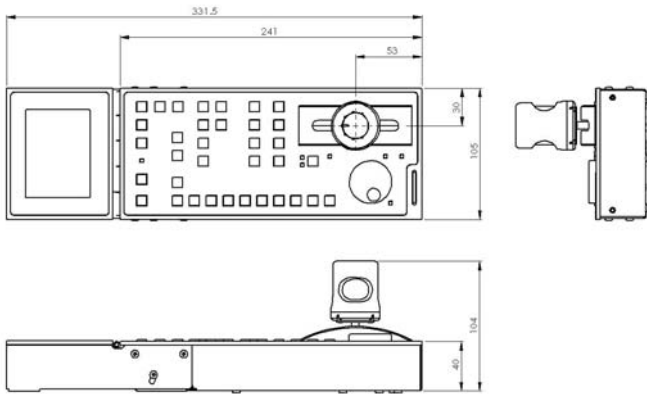
Functions with all cameras and camcorders that can use the following control panels:*

- Hitachi - RC-Z1 /Z2/Z21
- Ikegami - MCP-388, OCP-40/45/388, RCU-240/390/400, RM-10/11
- JVC - RM-LP35/37/38/55/80U/25U
- Panasonic: AJ-EC1/EC2/EC3, AJ-RC10G, WV-CB700AE
- Sony: RM-M7G, RM-P9, RCP-TX7, RMB-150/750, RCP700 series, MSUs,

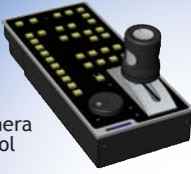


Typical on screen information. Example shows Red Gain is selected for variable adjustment. (simulated)

PHYSICAL DIMENSIONS



ORDERING INFORMATION

 <p>Universal Camera Remote Control Panel with SD memory slot CHRCP-2050</p>	 <p>Universal Camera Remote Control Panel with SD memory slot & LCD Control Panel CHRCP-2050-LCD1</p>
 <p>Optional 3.5 inch LCD Panel for CHRCP-2050 (seperate) CHRCP-LCD1</p>	 <p>CHRCP Base Remote cable for CopperHead Base Stations CHBR-OCP2040-422 or -232 or -BDIO or -TTL</p>

SPECIFICATIONS:

Power Input: OCU	voltage 8 – 50 VDC
	power 1.5W typical 3.5W max.
Power Input: Display	voltage 10 – 14 VDC
	power 5.5W typical 7W max.
Serial control type	RS422 2 x differential (4 wire)
	RS232 tx, rx
	(2 wire) Sony bi-di single wire
	Panasonic bi-di single wire
Tally input(red & green)	level off 0V (GND)*, CMOS
	level on +5V* Levels
	resistance 10K
	* Nominal logic sense - levels may vary depending on panel emulation.
OCU /EN	level off +5V
	level on 0V
Preview Contacts o/p:	voltage 100V max.
	current 120mA AC max./
	250mA DC max.
	on resistance 25ohms maximum
	isolation 5000Vrms maximum

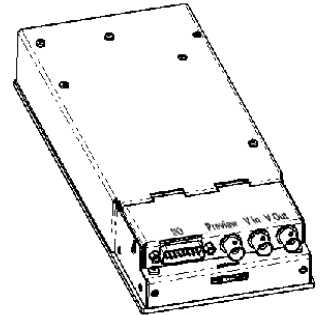
MOUNTING

The low profile design is ideal for recessing into a desktop. At 40mm it will probably be only as thick as the desktop itself giving good under desk clearance. End brackets are available for this purpose. For use on top of a desk, four anti-slip feet are provided.

CONNECTORS

- 15way D plug General I/O, tally, preview
- BNC Video input
- BNC Video output
- BNC Preview

All connectors are available on a panel at the end of the unit. The panel can tilt downwards to allow easy cable routing when inset into a desktop. For top of desk use, cables are routed under the LCD if fitted.



JOYSTICK

Joystick tension may be adjusted by means of a screw which is accessible directly underneath the joystick when centrally positioned. Iris -v- joystick movement is calibrated in software and may be re-calibrated or re-scaled at any time via the ENGr menu, assuming it is in control of the camera.



RCP2050 without optional LCD Display

CAMERA CONTROL FUNCTIONS*

- | | | |
|-----------------|-------------|-------------------|
| • ON/OFF | • IRIS | • Auto1 |
| • CALL | • Auto | • Auto2 |
| • VTR | • Variable | • ABB |
| • BARS | • GAMMA | • AWB |
| • TEST | • DETAIL | • SCENE FILE |
| • MENU | • PEDESTAL | • 1-4 |
| • Camera | • BALANCE | • KNEE |
| • Engineering | • Color | • Auto |
| • SHUTTER | • Red Gain | • Preset |
| • Variable | • Blue Gain | • Variable |
| • Norm | • Red Ped | • PREVIEW |
| • GAIN | • Blue Ped | • Remote input of |
| • BLACK Stretch | • Preset | Tally to camera |

* Not all functions are available with all cameras.

Telecast Fiber Systems, Inc.
102 Grove Street Worcester, MA 01604

508-754-4858
090619 Preliminary OCP

www.telecast-fiber.com
Specifications Subject To Change Without Notice