

# CCU-D50P

Multicore camera control unit for DXC series cameras



## Overview

Multicore Camera Control Unit for operation with the Sony DXC-D50P Series digital cameras together with the CA-D50 Camera Adaptor. The output of the Camera is transmitted to the CCU-D50P Camera Control Unit as a component digital SDI signal via a Sony CCZ-A 26-pin cable up to 75 m long. The distance between the CA-D50 Camera Adaptor and CCU-D50P Camera Control Unit can be extended to a maximum 200 m by providing a separate low loss coaxial video cable to carry the SDI signal between the two units.

## Features

### Low Cost

The use of multicore transmission ensures low total system costs, avoiding the complexities of triax transmission.

### Excellent Picture Quality

The use of Component Digital signal transmission ensures that very high quality can be maintained.

### Versatile System Interfaces

- The CCU-D50 offers the user analog composite video output, plus either component digital SDI, or analog component (Y/R-Y/B-Y or RGB).
- Flexible intercom connectivity allows the interfacing of 2-wire or 4-wire systems.
- Both Red and Green tally indications are included for use in mid to large-scale camera operations.
- The RCP-D50 can be connected to the CCU-D50P.

## Specifications

General	
Power requirements:	AC 200/240 V, 50/60 Hz
Power consumption:	Approx. 0.8 A
Operating temperature:	5°C to 40°C (41°F to 104°F)
Storage temperature:	-20°C to 55°C (-4°F to 131°F)
Dimensions:	424 (W) 3 88 (H) 3 283 (D) mm (16 3/4 3 3 1/2 3 11 1/4 inches)

Mass:	6.3 kg (13 lb 14 oz)
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### Input/Output connectors

VBS output:	BNC (2) 1.0 Vp-p, 75 ½
R/G/B output:	BNC (1) 0.7 Vp-p, 75 ½
Y/R-Y/B-Y output:	BNC (1), Y: 1.0 Vp-p, 75 ½, R-Y/B-Y: 0.525 Vp-p, 75 ½
Y/C output:	BNC (1) Y: 1.0 Vp-p, 75 ½, C: 0.3 Vp-p, 75 ½
SYNC output:	BNC (1), 0.3 Vp-p, 75 ½
SDI output:	BNC (2), 270 Mb/s, 0.8 Vp-p, 75 ½
S-Video output:	DIN 4-pin (1), Y: 1.0 Vp-p, 75 ½, C: 0.3 Vp-p, 75 ½
Monitor output:	BNC (1) VBS:1.0Vp-p, 75½
Mic output:	XLR 3-pin (1), 600½
Genlock input:	BNC (1), loop-through, VBS or BBS, 1.0 Vp-p, 75½
SDI input:	BNC (1), 270 Mb/s, 0.8 Vp-p, 75 ½
Return Video input:	BNC (1), loop-through, 1.0 Vp-p, 75 ½
Prompter Video input:	BNC (1), loop-through, 1.0 Vp-p, 75 ½
Camera:	Sony Z-type 26-pin (1)
Intercom/Tally:	D-sub 15-pin, 4W/2W selectable, R/G Tally, contact
Remote:	10-pin (1)

### Supplied Accessories

AC power cord (1) Rack mount adaptor (2)  
 Rack mount screw (4) Tally indication  
 segment (1) Operation manual (1)

## Gallery

