

HITACHI

MP-Z3000 Multi-Camera Control Panel

The Hitachi MP-Z3000 Multi-Camera Control Panel provides a centralized control center for Hitachi Z-3000 series CCD television cameras.

All vital camera functions are facilitated in an intuitive and easy to use control panel.

Its lightweight and compact footprint makes it ideal for space-constrained installations such as in Mobile Television Production Vehicles.

The MP-Z3000 can control up to 12 Z-3000 series Cameras.

The major control items of the MP-Z3000 are as follows:

- Execution of auto setup functions.
- Diagnostics execution and display.
- Scene file data transfer between cameras.
- Scene file selection and storage on Memory Card.
- User-access to manual adjustments and Function on/ off controls.
- Video signal switcher for PIX monitor and WFM monitor.



SPECIFICATIONS & FEATURES

- Number of Controllable Cameras: 12 cameras
- GROUP Control
- GROUP AUTO SETUP
- Analog Manual Control by Rotary Encoder (refer to Table 1 for items controlled by Rotary Encoders)
- ON/OFF Control (refer to Table 2 for ON/OFF Control Items.)
- Display: Touch-sensitive Backlit (LCD) Liquid Crystal Display Panel
- Display items: Camera model name, Camera Number, Camera Status & Diagnostics, Control items and values.
- Function switches are also provided on the pressure-sensitive LCD display panel for control ease-of-use.
- Soft-touch function switches employed

File Operation

- SCENE file 1-4 (Scene files can be selected and stored in camera head memory and IC Memory Card)

Auto Setup Selection

- External Gray Scale chart Auto-setup
- Auto White
- Auto Black
- Selection of Monitor Picture: R, G, B, ENCR, SUP
- TALLY Indication (2 color: GREEN & RED)
- RCU mode: Control is transferred to the RC
- Restriction of MCP FUNCTION (When the FUNCTION switch is off, the control items are disabled except the following items of camera select section, CAM POWER, monitor select and BREAK OFF)
- External Video Switcher Control (The switching control signal for the external video switcher is according to the camera selected)
- Built in IC Memory Card Interface (64kbyte IC Memory Card Interface is built in the MP-Z3000. All the data files (SCENE 1-4) for up to eight cameras can be in a IC Memory Card.)

Z-3000W STUDIO PRODUCTION TRIAX SYSTEM

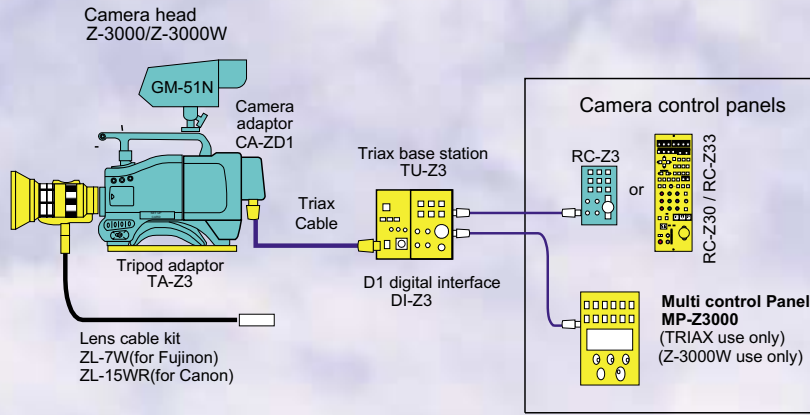


Table-1 Analog Control Functions

No.	CONTROL ITEM		
1	BLACK	PUL CAL	R, G, B
		BLACK	R, G, B
2	FLARE		R, G, B
3	GAMMA	GAMMA	R, TOTAL, B
4	GAIN		R, B
5	KNEE	KNEE	TOTAL
		SLOPE	TOTAL
		W.CLIP	TOTAL
6	ENCR TIMING	SC PHASE	Av ailable
		SC COARSE	Av ailable
		HD PHASE	Av ailable
		Y LEVEL	Av ailable
		C LEVEL	Av ailable
7	MOD SHAD	VS	R, G, B
8	MASKING	R	SAT, HUE
		YE	SAT, HUE
		G	SAT, HUE
		CY	SAT, HUE
		B	SAT, HUE
		LIN1	R-G, G-B, B-R
9	DETAIL	LEVEL	LEVEL , HV BAL
		SOFT DTL	WHT, BLK
10	FLESH DTL	LEVEL	Av ailable
		PHASE	Av ailable
		WIDTH	Av ailable
11	SHUTTER	FIX	Av ailable
		LOCK SCAN	Av ailable

Ratings

1	Dimensions (WDH):	210 x 410 x 60 mm
2	Weight:	4.1 kg
3	Power requirements:	90~240VAC, 50/60Hz (Auto-Switching)
4	Power consumption:	20VA approx.
5	Input Signals	CCU 1 to CCU 12:
6	Output Signals	SWITCHER CTL:
		Open collector output
7	Ambient Temperature:	0~40 Degrees C

ON/OFF control items

No	Control items	Function
1	FLARE	ON/ OFF
2	GAMMA	ON/ OFF
3	W. CLIP	ON/ OFF
4	KNEE	ON/ OFF
5	AUTO KNEE	ON/ OFF
6	SHUTTER	ON/ OFF
7	DYNA CHROMA	ON/ OFF
8	CONTRAST	ON/ OFF
9	MASKING	ON/ OFF
10	FLESH TONE DETAIL	ON/ OFF
11	SOFT DETAIL	ON/ OFF
12	DETAIL	ON/ OFF
13	MONO	ON/ OFF
14	FLESH TONE GATE	ON/ OFF
15	BARS	ON/ OFF
16	MASTER GAIN	(-3,0,3,6,9,12,15,18,21,24)
17	MONITOR SELECT	(R,G,B,ENCR,SUP)
18	AUTO IRIS	ON/ OFF
19	CALL	ON/ OFF
20	CAM POWER	ON/ OFF
21	SHUTTER SELECT	FIX SCAN/LOCK SCAN
22	COMB FILTER	ON/ OFF
23	16:9/4:3	ON/ OFF
24	APS TEST	ON/ OFF
25	DSP TEST	ON/ OFF
26	CCU TEST	ON/ OFF

Specifications are subject to change without notice. Please contact your nearest Hitachi Denshi America Sales Representative.

Visit our Website for more product information
[Http://www.hdal.com](http://www.hdal.com)

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