



EDM-50

Multi-camera control module

User & fitting guide



Stock code #3589



Important

The model and serial number is located on the base of the unit. Record the serial number below. Refer to these details whenever you call your supplier regarding this equipment.



Model No.: EDM-50

Serial No.: _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture. To avoid electric shock, do not open the case. Refer servicing to qualified personnel only.

Any user made modifications not expressly approved in this manual will void your warranty.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		

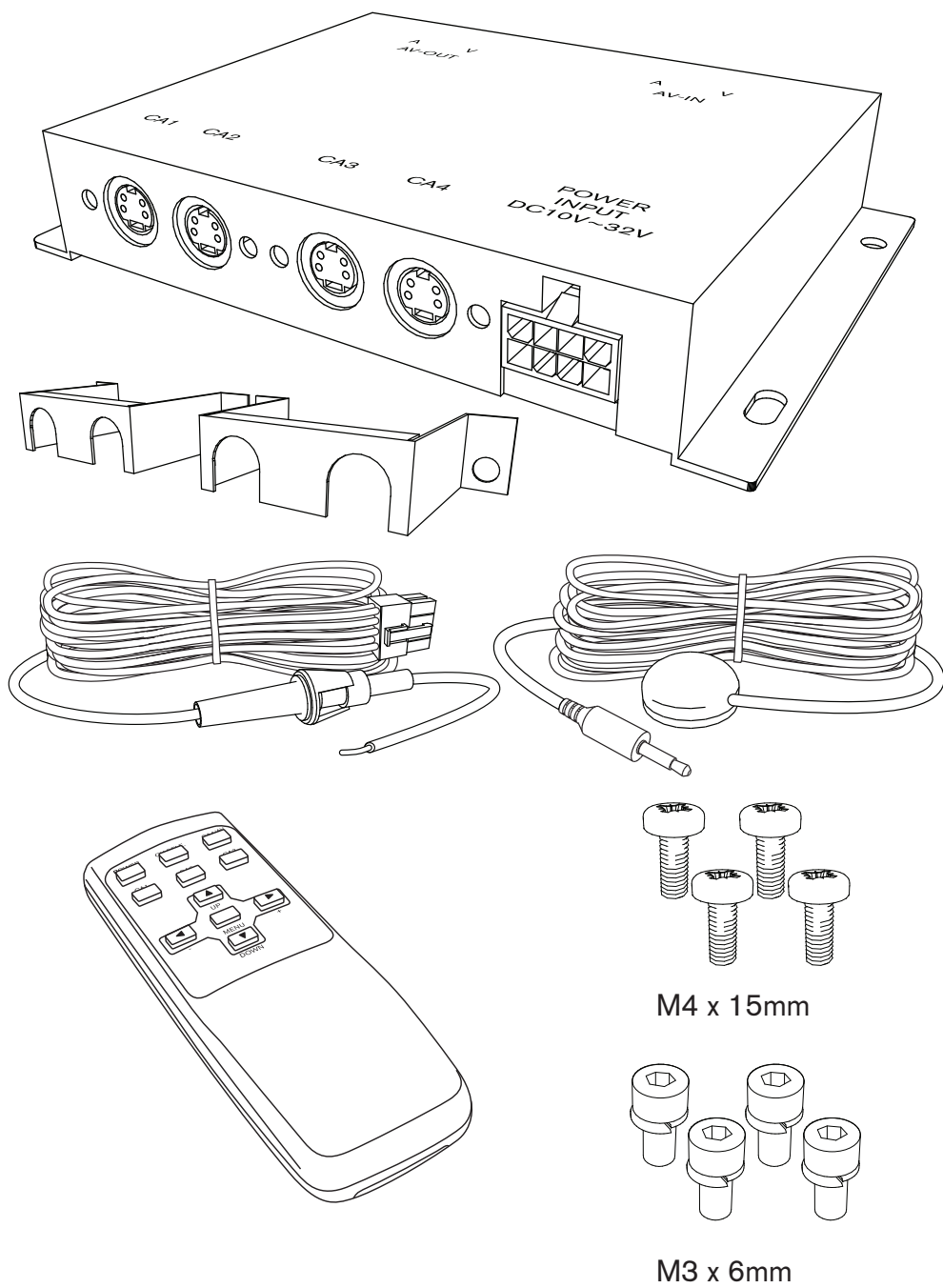


This symbol is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this appliance.

1 Contents

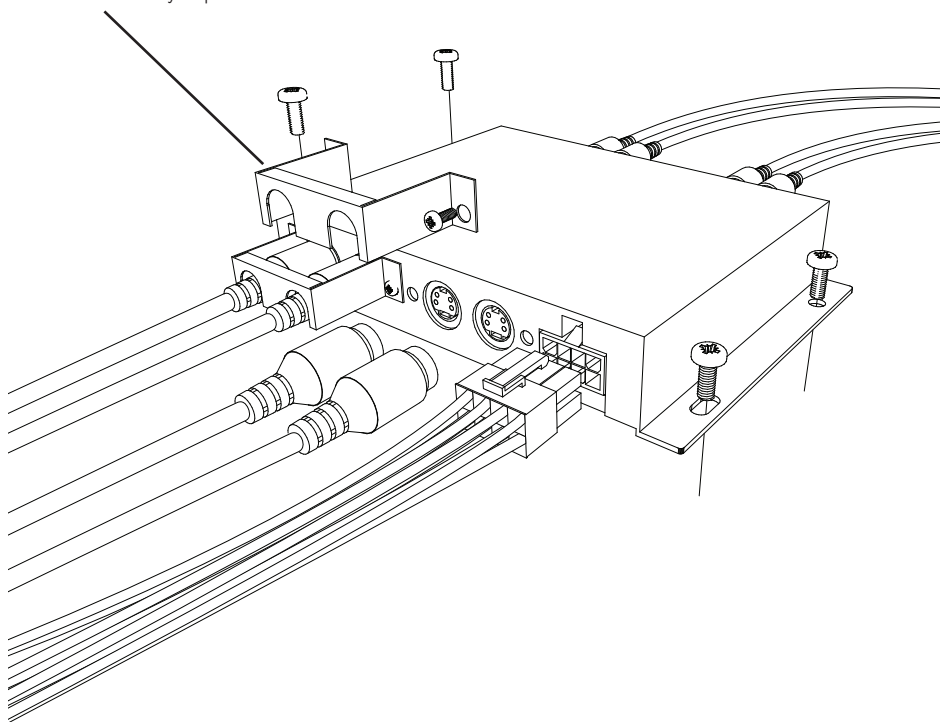


2 Installation

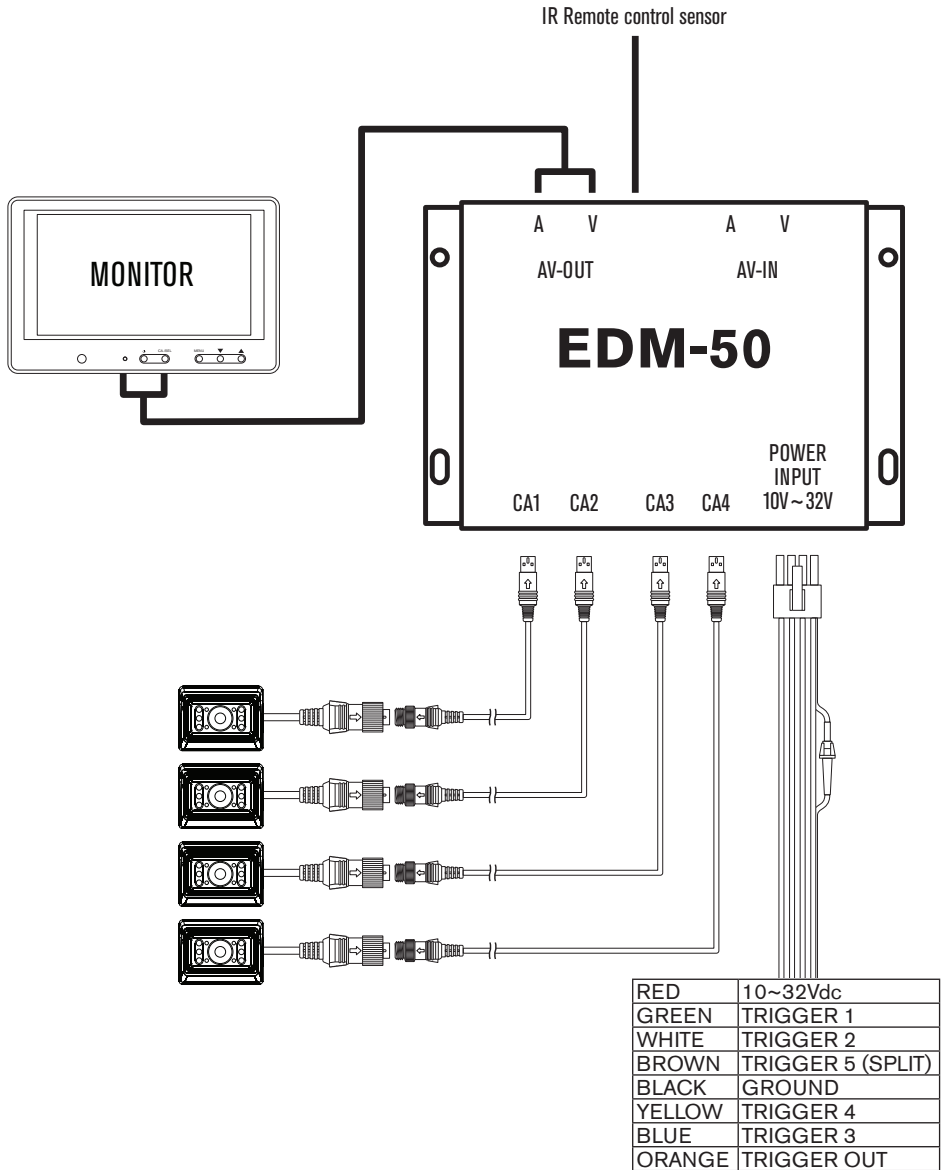
Fix the unit to a suitable flat surface away from extremes of heat, moisture, direct sunlight, excessive dust and mechanical vibration or shock.

Jack bracket

Attach these brackets after installing the camera cable to ensure cables stay in place.



3 System connections



4 Remote control functions

1 POWER:

Press power button to turn the control box on or off.

When the trigger signal is activated, the selected source's image will be displayed on the monitor screen automatically. Please refer to TRIGGER MODE in SETUP MENU for further information.

2 -/+:

Press +/- button to adjust BRIGHT or CONTRAST level.

Press +/- button to select the content of the selected line in each sub menu.

3 UP/DOWN:

Press UP/DOWN button to adjust TILT (PAN) camera position upward or downward. Available only when TILT (PAN) camera is connected to CA1, CA2 or CA3 input.

Press UP/DOWN button to move the cursor up or down in SETUP MENU and each sub menu.

4 CH.SELE:

Press CH.SELE to select the display image.

Sequential pressing shows the image of each camera in turn as follows;

CAM1 - CAM2 - CAM3 - CAM4 - AUX - SPLIT1 - SPLIT2 - SPLIT3

The On Screen Display indicates which image is displayed on the screen.

5 CA1, CA2, CA3, CA4/AV:

Press CA1, CA2 or CA3 to select each camera.

Press CA4/AV to select CA4 and press again to select any AV device connected.

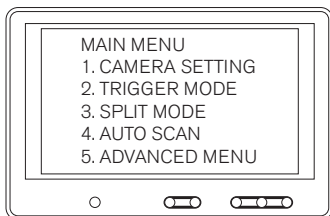
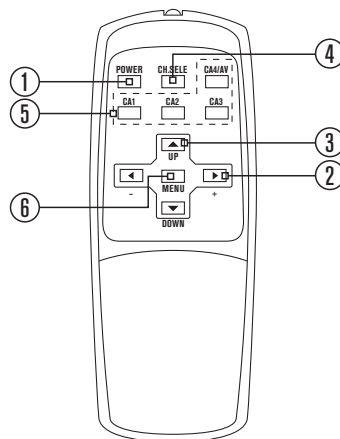
6 MENU:

Press MENU for less than 0.5 seconds to adjust BRIGHT or CONTRAST, COLOUR or TILT (when tilt capable camera is connected).

Press MENU for over 1 second to enter SETUP MENU.

Use UP/DOWN to move up and down and use +/- to move left and right in SETUP MENU and each sub menu.

Press MENU to go back to the previous menu when in SETUP MENU or each sub menu.



5 Operations

① CAMERA SETTING:

Press MENU for over 1 second to enter SETUP MENU.

Use UP/DOWN to move up and down and use -/+ to move left and right in SETUP MENU and each sub menu.

Press MENU to go back to the previous menu when in SETUP MENU or each sub menu.

1. CAMERA SETTING	
CAM1	NOR/MIR: [MIRROR;NORMAL]
CAM2	UP/DOWN: [UP;DOWN]
CAM3	NAME: [CAM1]
CAM4	SORT: [NORMAL;SHUTTER; TILT.MT;TILT.AT]

NOR/MIR: [MIRROR;NORMAL]

Each camera's Normal/Mirror view can be selected.

UP/DOWN: [UP;DOWN]

Each camera's converted image display (top and bottom).

NAME: [CAM1]

Change the name of the camera.

SORT:[NORMAL;SHUTTER;TILT.MT;TILT.AT]

Select different function of camera.

② TRIGGER MODE:

2. TRIGGER MODE	
TRIGGER1	SOURCE:[CAM1~CAM4; AUX1~2; SPLIT1~3]
TRIGGER2	DELAY:[0~20sec]
TRIGGER3	SCALE:[ON;OFF]
TRIGGER4	DISPLAY SCALE
TRIGGER5	

Up to 5 triggers can be set and each trigger source (CAM1~SPLIT3) can be selected. When trigger is activated, the selected source's image is displayed.

SOURCE:[CAM1~CAM4; AUX1~2; SPLIT1~3]

Select the source item for the trigger.

DELAY:[0~20sec]

Each trigger's delay time is adjustable from 0 to 20 seconds.

SCALE:[ON;OFF]

ON/OFF setting for distance marker when any trigger is activated.

DISPLAY SCALE

Adjustable Position and Width setting for distance marker.

5 Operations

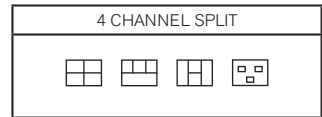
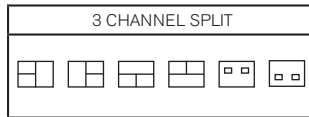
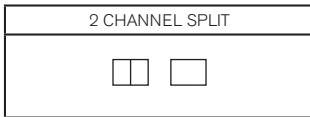
③ SPLIT MODE:

Press MENU for over 1 second to enter SETUP MENU.

Use UP/DOWN to move up and down and use -/+ to move left and right in SETUP MENU and each sub menu.

Press MENU to go back to the previous menu when in SETUP MENU or each sub menu.

3. SPLIT MODE	
SPLIT1	SOURCE1:[CAM1~4;OFF]
SPLIT2	SOURCE2:[CAM1~4;OFF]
SPLIT3	SOURCE3:[CAM1~4;OFF] SOURCE4:[CAM1~4;OFF] AUDIO:[CAM1~4;OFF] TYPE:[DEFAULT;CUSTOM]



SOURCE1:[CAM1~4;OFF]

Control the camera feed.

5 Operations

④ AUTO SCAN:

4. AUTO SCAN
AUTO SCAN:[ON;OFF] AUTO SCAN DELAY

AUTO SCAN:[ON;OFF]

Enable or disable the AUTO SCAN function.

AUTO SCAN DELAY

AUTO SCAN DELAY	
CAM1:[0~20 sec]	AUX1:[0~20 sec]
CAM2:[0~20 sec]	SPLIT1:[0~20 sec]
CAM3:[0~20 sec]	SPLIT2:[0~20 sec]
CAM4:[0~20 sec]	SPLIT3:[0~20 sec]

AUTO SCAN can be set between 1 and 20 seconds. When 0 seconds is selected, auto scanning will skip selected channel.

⑤ ADVANCED MENU:

5. ADVANCED MENU
AUTO POWER:[ON;OFF] FACTORY RESET

6 Specifications

SPECIFICATIONS	
Power input	10~32Vdc
Power consumption	20 watt max
Video system	NTSC, PAL standard signal
Sync system	Internal
CA input (4 channel)	Mini DIN 4p, 1Vp-p, 75Ω
A/V output (1 channel)	RCA, composite video signal, 75Ω, 1Vp-p
A/V input (1 channel)	RCA, composite video signal, 75Ω, 1Vp-p
Operating temperature	-25°C ~ +70°C (-13°F ~ +158°F)
Vibration	5.5G
Size	154(w) x 105(d) x 28(h)mm

Specifications subject to change.



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