



TOA

CAMERA SELECTOR

OPERATION MANUAL

CC-5131B

General Description

TOA Model CC-5131B is a camera selector that not only permits a maximum of 6 CCTV surveillance cameras to be remotely selected but also turns on and off power supplied to the cameras. The CC-5131B is designed for use with the CC-5111B Remote Control Unit and the CC-5120 Relay Box.

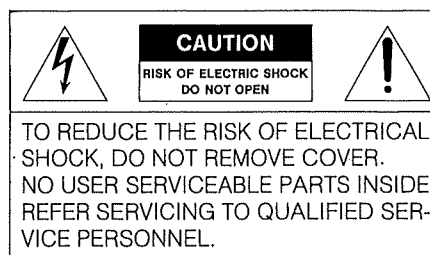
Cautions

Avoid exposing unit to sunlight and never place unit near or over a heat register as this may have a bad effect on the case or parts.

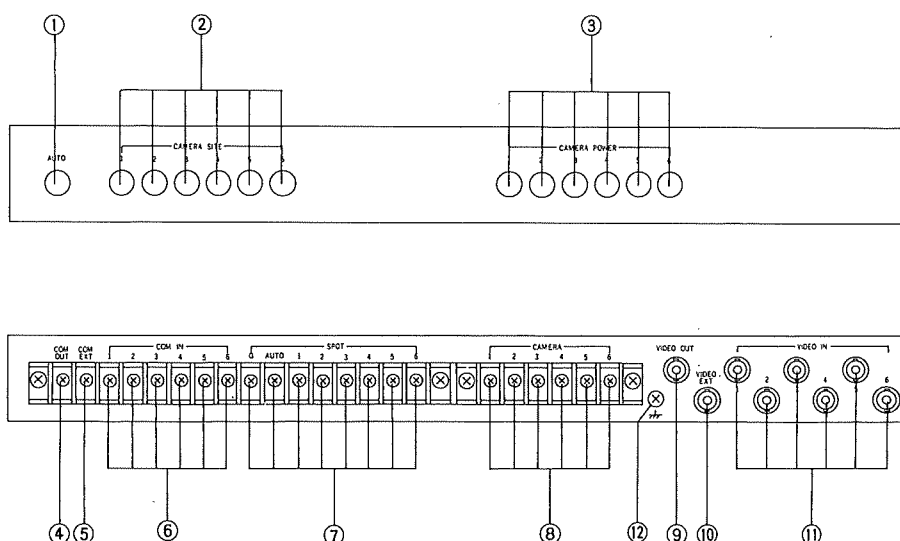
Avoid exposing unit to moisture or dust. When water enters, a breakage or shock hazard can be caused.

Never disassemble unit and touch the inside or insert metallic stuff into the inside as this may lead to a breakage or shock hazard.

Wipe down with a soft cloth when cleaning the exterior of unit. Never use such volatile liquids as thinner and benzine because their use may discolor or deform unit.



Name of Each Part and Function



1. AUTO/MANUAL CHANGEOVER SWITCH (AUTO)

Pressing this switch when the Sequential Switcher (CC-3111B, CC-3121B, CC-3211B and CC-3221B) is connected to the CC-5131B permits video inputs to be automatically switched. In this event, no remote operations available from the CC-5111B Remote Control Unit are impossible.

2. CAMERA SELECTOR SWITCHES (CAMERA SITE)

The switch to select the camera to be operated.

3. CAMERA POWER SWITCHES (CAMERA POWER)

The switch to power each camera. Be sure to switch power off for cameras not to be used.

4. REMOTE UNIT CONNECTION TERMINAL (COM OUT)

Connect to the COM terminal of the CC-5111B Remote Control Unit.

5. COM EXT TERMINAL

For extension of the CC-5131B unit. Refer to the Section "Extension"

6. RELAY BOX COM CONNECTION TERMINALS (COM IN)

Connect to the COM terminal of the Relay Box (CC-5120) connected to each camera.

7. SPOT OUTPUT CONTROL TERMINALS (SPOT)

Connect to the remote connector of the Sequential Switcher (CC-3111B, CC-3121B, CC-3211B and CC-3221B)

8. CAMERA POWER CONTROL TERMINALS (CAMERA)

Connect to the CAMERA-IN terminal of the Relay Box (CC-5120) connected to each camera.

9. VIDEO OUTPUT TERMINAL (VIDEO OUT)

Connect to a monitor.

10. VIDEO EXT TERMINAL

For extension of the CC-5131B unit. Refer to the Section "Extension"

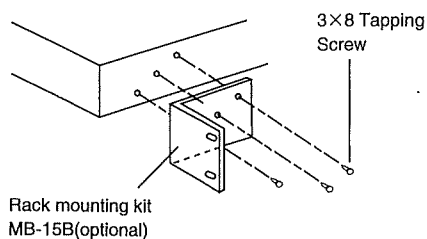
11. VIDEO INPUT TERMINALS (VIDEO IN)

Connect to video output from each camera.

12. EARTH TERMINAL

Rack Mounting

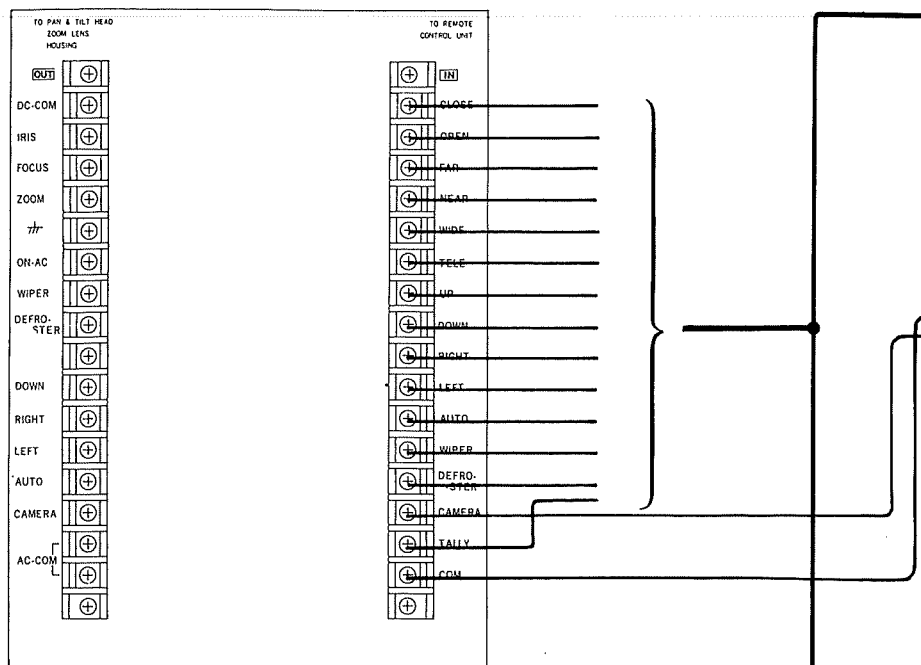
- Optional mounting kit MB-15B is required for mounting the CCTV equipment in an equipment rack. Remove rubber supporters from the equipment. Attach the kit to the equipment.



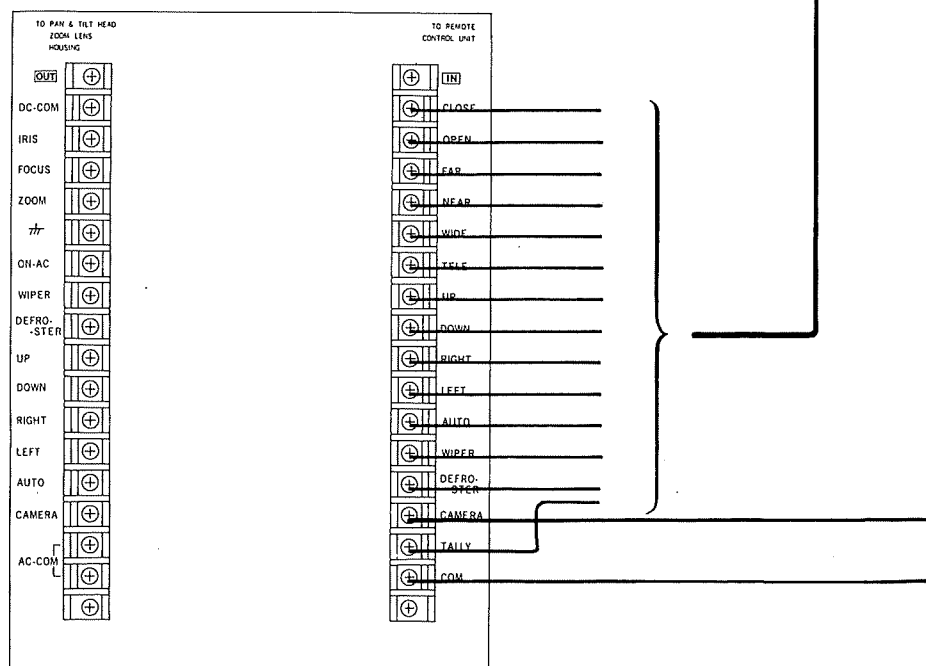
Connection

• CONNECTION EXAMPLE

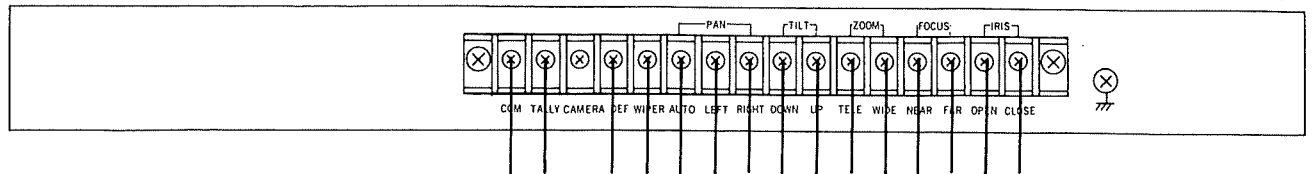
CC-5120 Relay Box No. 1



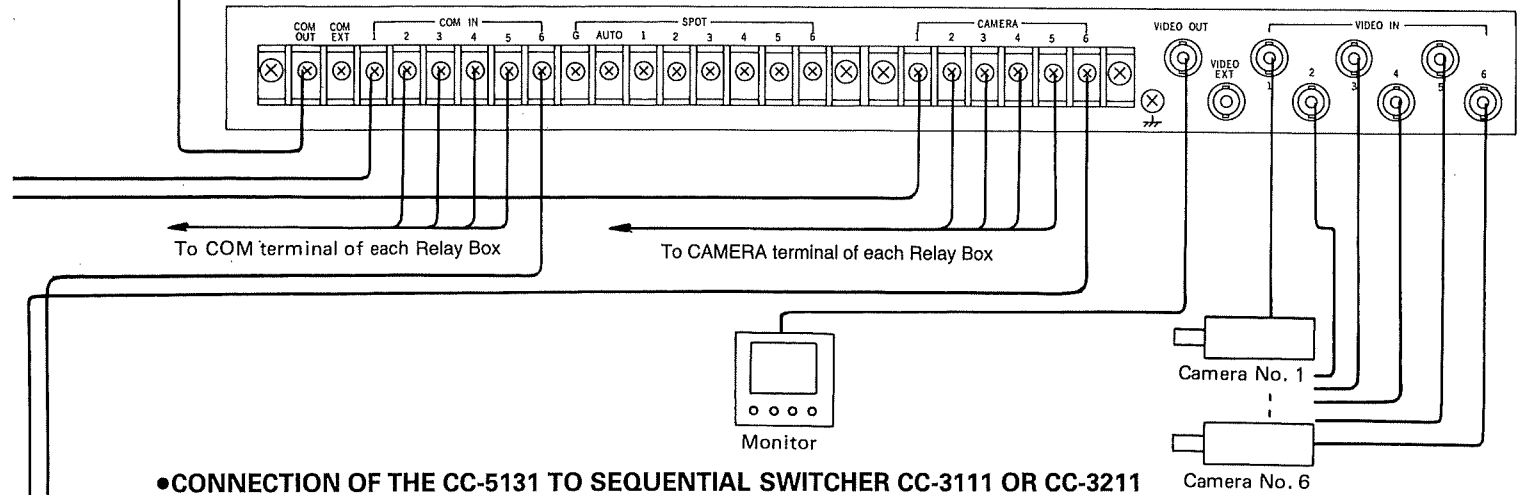
CC-5120 Relay Box No. 6



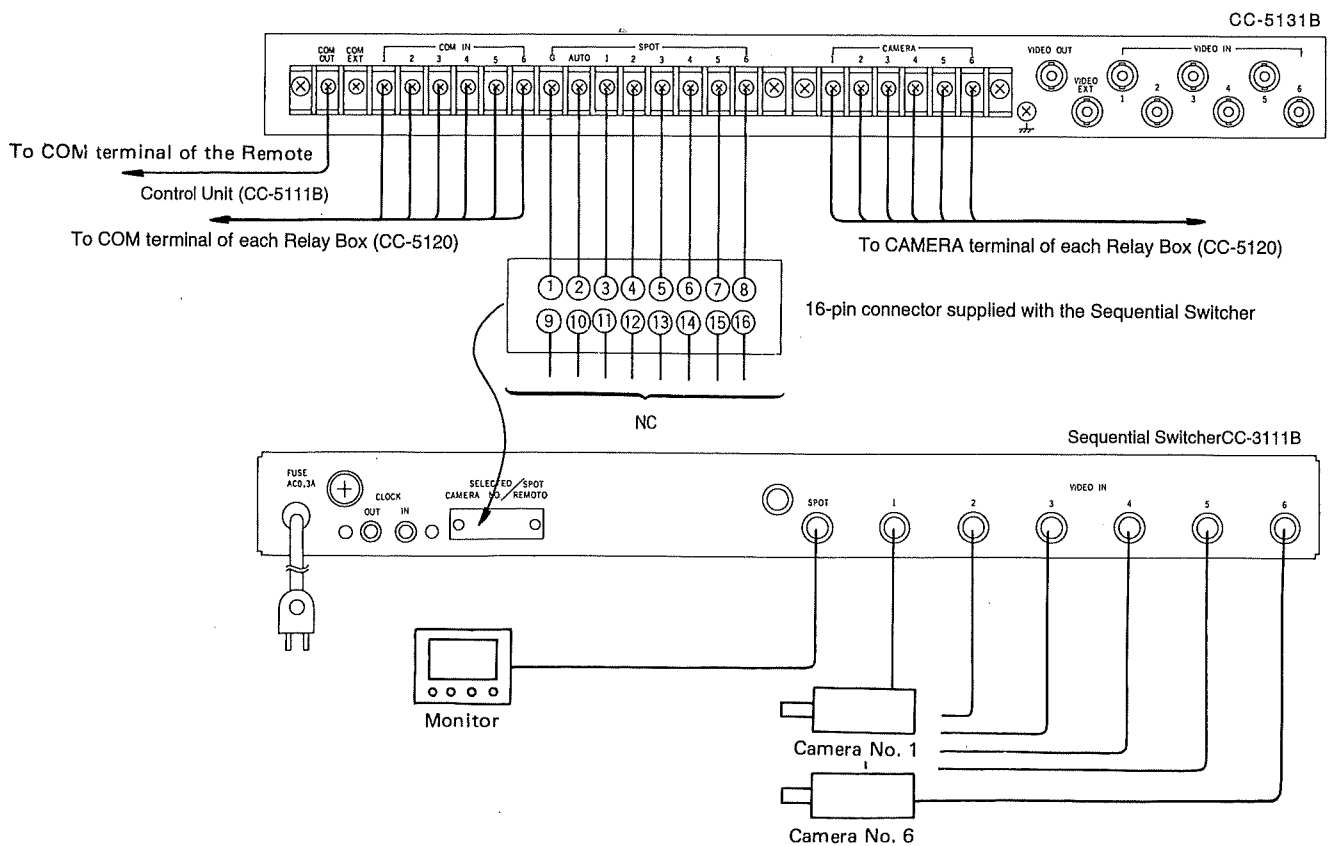
CC-5111B Remote Control Unit



CC-5131B



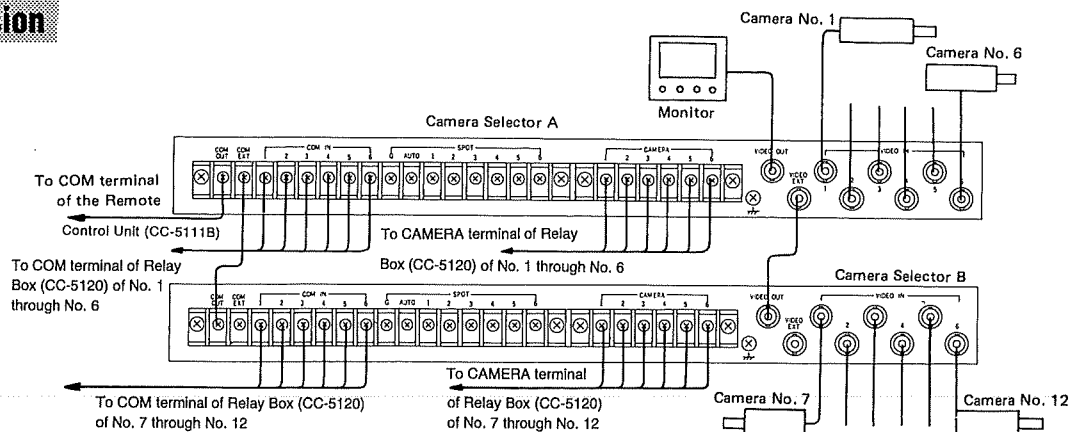
•CONNECTION OF THE CC-5131 TO SEQUENTIAL SWITCHER CC-3111 OR CC-3211



Remarks:

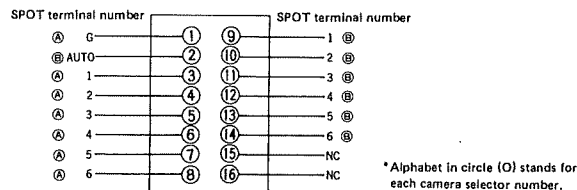
- (1) Since the Sequential Switcher is remotely controlled in the above connection, its spot selector switch does not work.
- (2) Change the connector setting inside the Sequential Switcher through reference to the section "To qualified servic personnel" in operating instruction manual for the Sequential Switcher.

Extension



Note: When the Sequential Switcher CC-3221 or CC-3221 is involved, refer to the section "Connection of the CC-5131 to Sequential Switcher CC-3111 or CC-3211," of this operating instruction manual for major connections.

(1) Connect between the 16-pin connector supplied with the Sequential Switcher and each of the "A", "B" and "SPOT" terminals.



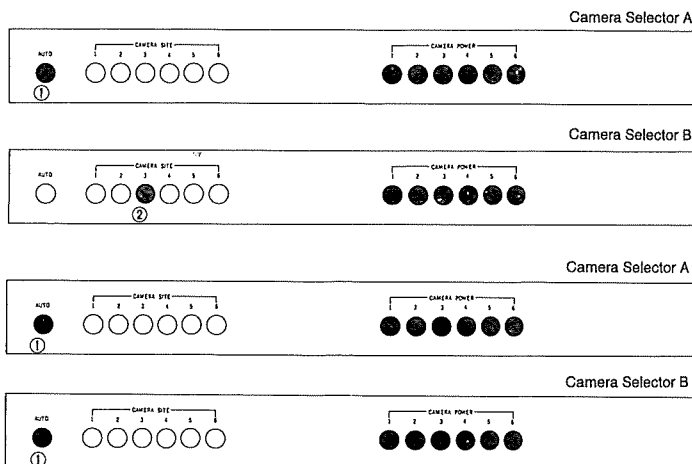
(2) Connect between the "AUTO" terminal of the camera selector A and the "G" terminal of the camera selector B.

REMARKS:

- (1) Since the Sequential Switcher is remotely controlled, its spot selector switch does not work.
- (2) Change the connector setting inside the Sequential Switcher through reference to the section "Function of the Remote Control Connector, Part 2" in operating instruction manual for the Sequential Switcher.

●OPERATION WHEN THE SELECTOR IS EXTENDED

1. Operator in a normal manner when selecting camera No.1 through No.6.
2. When selecting camera No. 7 through No.12
 - ①Place the AUTO/MANUAL switch of the camera selector A in the ON position.
 - ②Set to ON the CAMERA SITE switch of the camera selector B which corresponds to the camera you wish to select. The above example shows that camera No.9 has been selected.
3. When auto sequence is needed using the Sequential Switcher CC-3121B or CC-3221B.
 - ①Place the both AUTO/MANUAL switches of the camera selector A and B in the ON position.



Remarks:
 ● stands for the switch in the ON position.
 ○ stands for the switch in the OFF position.

Specifications

Control output: 6 make-contact outputs for turning the cameras on or off.
 6 make-contact outputs for selecting the cameras to be controlled remotely plus 1 output for extending the camera selector.
 6 make-contact outputs for selecting the cameras to be monitored plus 1 output for auto-switching.

Video inputs: 6 inputs for composite video signal 1.0Vp-p plus 1 input for extending the camera selector.
 (All inputs excepting the selected input are terminated with 75 ohms.)

Video outputs: 1 output with composite video signal 1.0Vp-p plus 1 output for extending the camera selector.

Ambient operating temperature: +14°F to 122°F (-10°C to 50°C) indoor use

Dimensions: 16.5"(W) × 1.8"(H) × 10.0"(D)
 (420 × 44.5 × 253 mm)

Weight: 5.3 lbs (2.4 kg)

Finish: Panel: Semi-glazed melamine baked painting (Black)
 Case: Semi-glazed melamine baked painting (dark grey)

Assessories
 Operating instructions 1
 Warranty card (for U.S. specifications only) 1

*Specifications are subject to change without notice for improvement.



TOA Corporation

133-12-376-00