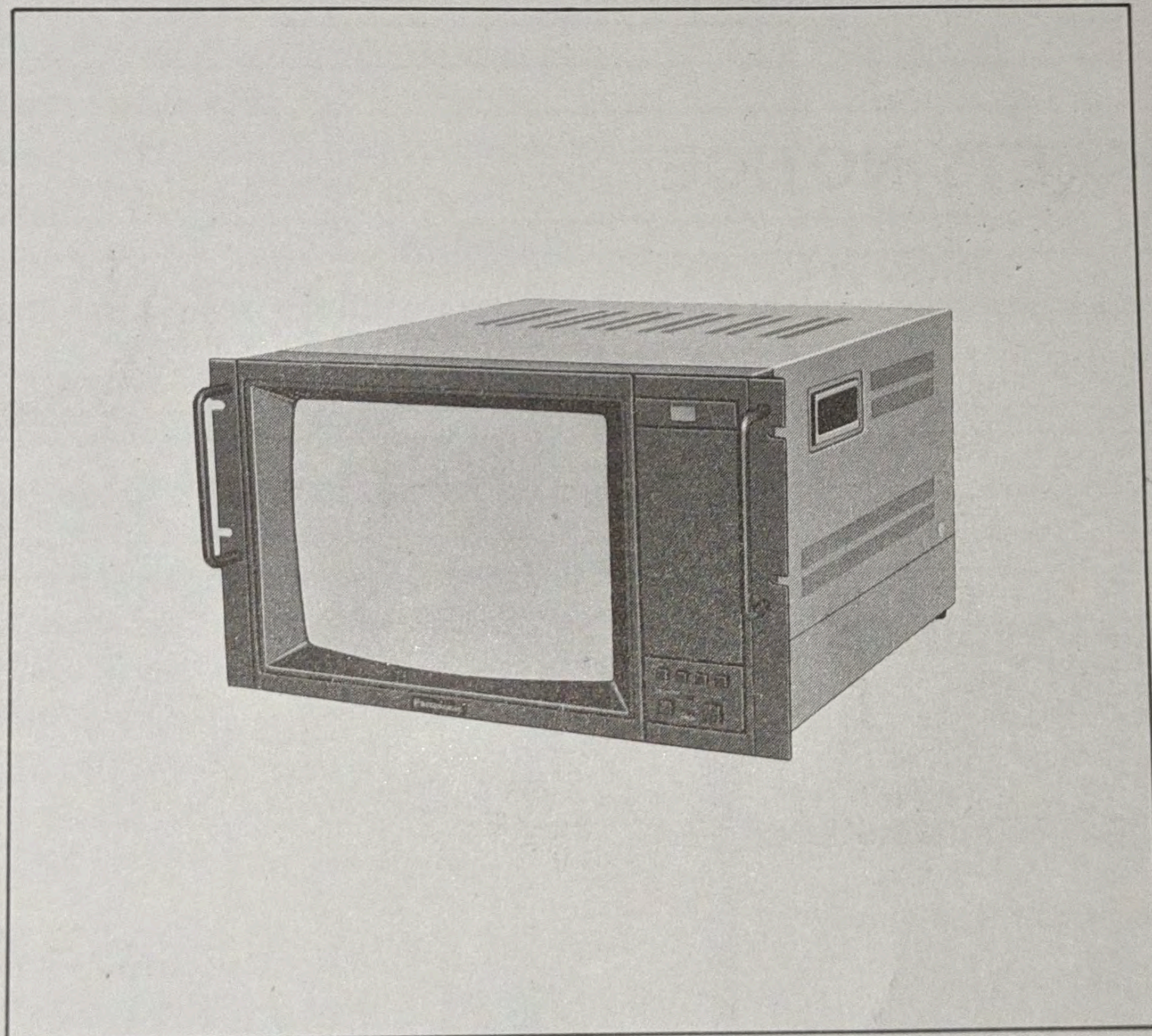


Panasonic®

Color Video Monitor

Model No. **BT-M1310Y**



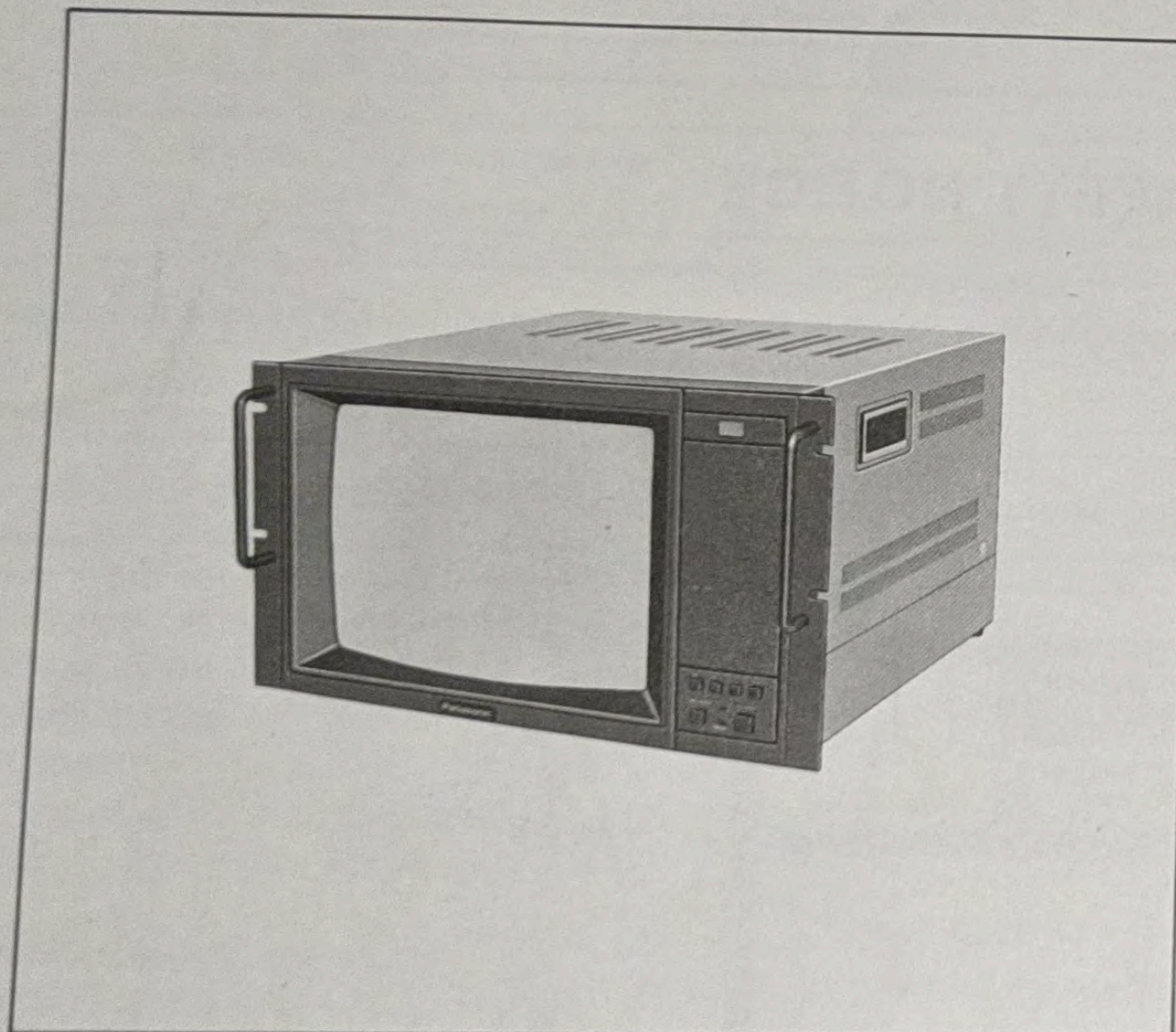
Operating Instructions & Service Manual

Read these instructions completely, before operating this set.

Panasonic[®]

Color Video Monitor

Model No. **BT-M1310Y**



Operating Instructions & Service Manual

Read these instructions completely, before operating this set.

TQB810889-2

Panasonic Industrial Service... For Audio/Video Products

in the **U.S.A.**
PANASONIC COMMUNICATIONS &
SYSTEMS COMPANY, DIVISION OF
MATSUSHITA ELECTRIC
CORPORATION OF AMERICA

in **PUERTO RICO**
PANASONIC SALES COMPANY
(PSC)

The exact standards observed in the design and manufacture of your Panasonic product ensure that it will need an absolute minimum of necessary maintenance. However, should your unit ever require service, a nationwide system of AUTHORIZED INDEPENDENT SERVICENTERS is maintained by Panasonic in support of your warranty.
Panasonic also has its own SERVICENTERS for Panasonic audio/video products in the U.S., Hawaii and Puerto Rico.

If service is not available in your community at this time, carefully pack the unit, preferably in the original cartons, and ship the product, prepaid and insured, to the most convenient SERVICENTER.

Terms of the warranty require that the original bill of sale, or other proof of the date of purchase must be presented when applying for in-Warranty service.

To Locate a Convenient Authorized Servicenter
(In The U.S.A.)

DIAL TOLL FREE (Anytime): **800-526-6610**

For proper assistance, tell the toll free operator you have a
Panasonic **INDUSTRIAL** Product

For your added convenience...in the U.S.A.

Panasonic Industrial Factory Servicenters

CALIFORNIA

6550 Katella Avenue
Cypress, Calif. 90630
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201-348-7466

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4245 International Blvd., Suite B
Norcross, Georgia 30093
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TEXAS

4500 Aron Carter Blvd.
Fort Worth, Texas 76155
817-685-1065

ILLINOIS

425 E. Algonquin Road
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312-640-2539

MASSACHUSETTS

1800 West Park Drive
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508-836-2655

MARYLAND

54 W. Gude Drive
Rockville, Maryland 20850
301-762-5125

In the unlikely event you experience a service problem requiring assistance from Panasonic regarding repairs,

Please write to:
A/VSG Customer Service Department
Panasonic Communications & Systems Company
Division of Matsushita Electric Corporation of America
50 Meadowland Parkway 2A-3, Secaucus, N.J. 07094

Panasonic Service in Hawaii...

Please contact the dealer from whom you purchased this product to obtain service information.

Panasonic Service in Puerto Rico...

MATSUSHITA ELECTRIC OF PUERTO RICO INC.
PANASONIC SALES COMPANY
Ave. 65 De Infanteria Km.9.5
San Gabriel Industrial Park
Carolina Puerto Rico 00630
809-750-5135

Printed in Japan
VQA0053 (690720)

F0687H

SPECIFICATIONS

System: 525 lines per picture, 60 fields per second, interlaced, NTSC

CRT: Medium Resolution CRT 0.39 mm Dot Pitch, 90-degree deflection, 29.1 mm in line gun

Effective Picture Size: $7\frac{15}{16} \times 10\frac{5}{8}$ inches (h/w) (200.3 x 267.2 mm) picture measured diagonally

Input and Output:

Video: LINE A/B; BNC connector (4)
1.0Vp-p composite video signal ± 3 dB positive, 75 ohm with automatic loop-through output

Sync: EXT. SYNC; BNC connector (2)
4.0Vp-p ± 6 dB negative, 75 ohm, with automatic loop-through output

Video Return Loss: More than 40 dB
(0 ~ 5 MHz with 75 ohm termination)

Sync Return Loss: More than 46 dB
(0 ~ 5 MHz with 75 ohm termination)

RGB: R; 0.7Vp-p ± 3 dB 75 ohm, with automatic loop-through output (BNC connector (2))
G; 0.7Vp-p ± 3 dB 75 ohm, with automatic loop-through output (BNC connector (2))
B; 0.7Vp-p ± 3 dB 75 ohm, with automatic loop-through output (BNC connector (2))

S-Video Input: Y signal... 1Vp-p, C signal... 0.285Vp-p 75 ohm or HIGH impedance (Manual), MINI DIN 4P type connector

S-Video Output: Y signal... 1Vp-p, C signal... 0.3Vp-p, 75 ohm or HIGH impedance (Manual), MINI DIN 4P type connector

Tally-remote Connector: REMOTE: 3 terminal type (DC 24.0V ± 1.0 V input or switch) connector (1)

Video Signal Performance

For NTSC Decoder Section

Differential Gain; Within 5%
Differential Phase; Within 5°
Frequency Response; 100 Hz to 8MHz ± 3 dB

For RGB Input Section

Differential Gain; Within 5%
Differential Phase; Within 5°
Frequency Response; 100 Hz to 8 MHz ± 3 dB

Synchronization Performance

AFC Time Constant: 0.4 msec.; FAST
1.6 msec.; SLOW

Line Hold Range: More than ± 500 Hz
Retrace Time: Horizontal retrace time within 10 μ sec.
Vertical retrace time within 1 msec.
Interlace: Better than 40/60

Picture Performance

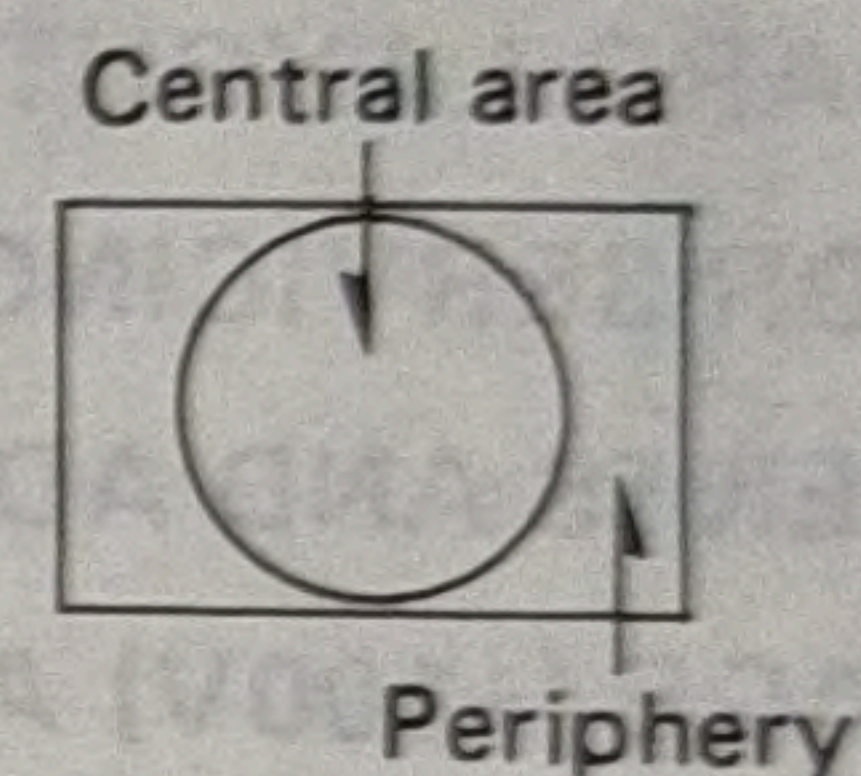
Overscan: 5% overscan of CRT effective screen area

Underscan: 5% underscan of CRT effective screen area

Linearity: Within a central area bounded by a circle whose diameter equals the picture height; within 5%
Out of area; within 7%

Color Temperature: 6500°K, adjustable to other color temperatures

Convergence Error: Central area; Less than 0.5 mm
Periphery; Less than 0.7 mm



Raster Size Stability: Less than 4% of picture height, (0 ~ 500 μ A Beam Current)

Resolution: More than 560 TV lines (Center, at Preset luminance)

Maximum Brightness: More than 60 fL

Preset Contrast: 30 fL ± 5 fL

Environment

Operating Temperature Range: 0°C to 40°C (32°F to 104°F)

Humidity: 0% to 90%

General

Warm Up: 30 minutes to meet specifications

Anode Voltage: Properly adjust HV 24.5 kV at zero beam current

Power Consumption: 105 W

Power Requirements: 120V AC $\pm 10\%$, 60 Hz

Dimensions: 16 $\frac{11}{16}$ x 10 $\frac{13}{16}$ x 18 $\frac{9}{16}$ inches (424 x 274 x 471 mm)

Weight: 40 $\frac{11}{32}$ lbs. (18.3 kg)

Supplied Accessories: AC Power Cord
Operating Instructions & Service Manual
Rack Bracket (L)/(R)

Specifications are subject to change without notice.
Weight and dimensions shown are approximate.

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FEATURES

VERSATILE FRONT PANEL CONTROLS

A full set of front panel controls at the side of the screen includes:

Preset Picture on/off, Line A/B Split, Set-up Switch, Cut-off and Screen Controls, Time Constant Switch, Vertical and Horizontal Sync Switches, Underscan/Normal Switches, Blue-Only Switch, Color/Auto/Mono Mode Selector, Comb/Trap Filter Switch, Degauss Switch, and Picture Controls.

LINE A/B/VCR/RGB INPUT SELECTABLE

Front panel selectors let you switch between line A and B inputs, RGB input, or VCR input - - which is switchable itself between S-Video and conventional video.

Selection of loop-through or termination for the Line A/B and RGB signals is made automatically.

S-VIDEO COMPATIBLE

The BT-M1310Y has S-Video (Y/C) input and output connectors to accept S-Video signals. A rear panel switch lets you choose between a conventional B-pin or an S-Video (termination or loop-through) VCR input source.

And the circuit tolerances required to provide S-Video compatibility result in superior monitoring performance with conventional signals.

COMPLETE ARRAY OF INPUTS AND OUTPUTS

- * S-Video (Y/C) in and out terminals with 75 ohms/HIGH impedance selector.
- * Line A and B in/out terminals with automatic termination.
- * EXT. SYNC in/out terminals with automatic termination.
- * R, G, B in/out terminals with automatic termination.
- * 8-pin VCR terminal (input and output).

RACK MOUNTABLE

Optional rack mount slides and brackets allow the BT-M1310Y to be mounted easily in most standard EIA19".

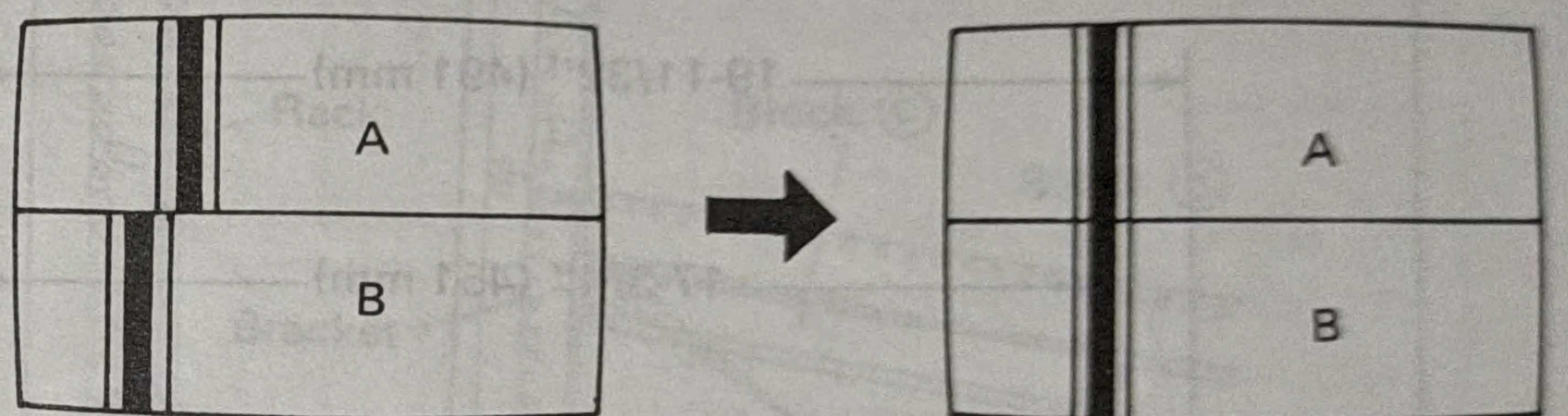
ADDITIONAL FEATURES

- * Front panel tally lamp.
- * Rugged metal cabinet construction.
- * Convenient rack mounting handles.
- * Commercial UL listing; 3-pronged AC power cord.

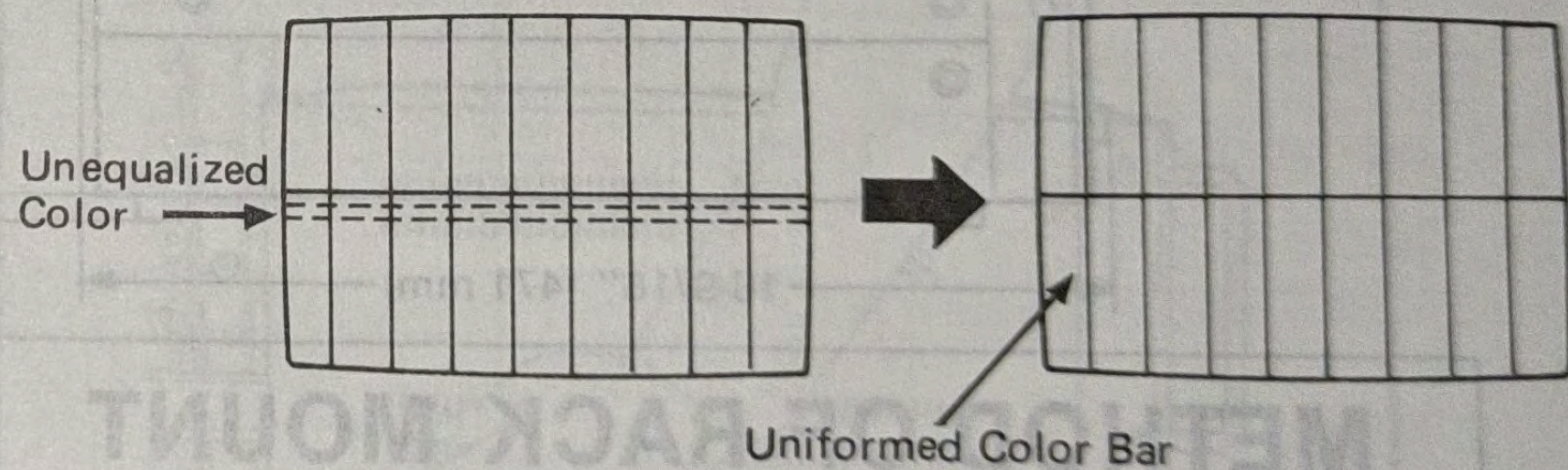
EXAMPLE OF TO USE LINE A/B SPLIT

The A/B split is used to adjust two sets of cameras concerning a simple color matching and so like.

- 1) Connect two cameras with LINE A terminal and LINE B terminal, respectively.
- 2) Supply black burst signals from the black burst signal generator to the two cameras and BT-M1310Y.
- 3) Output color bar signals from the two cameras.
- 4) Turn A/B split switch on.
- 5) After setting the H-delay by use of Horizontal delay switch (switch), adjust the H-phase of the objective camera with that of the reference camera through the H-phase control on the camer's side.

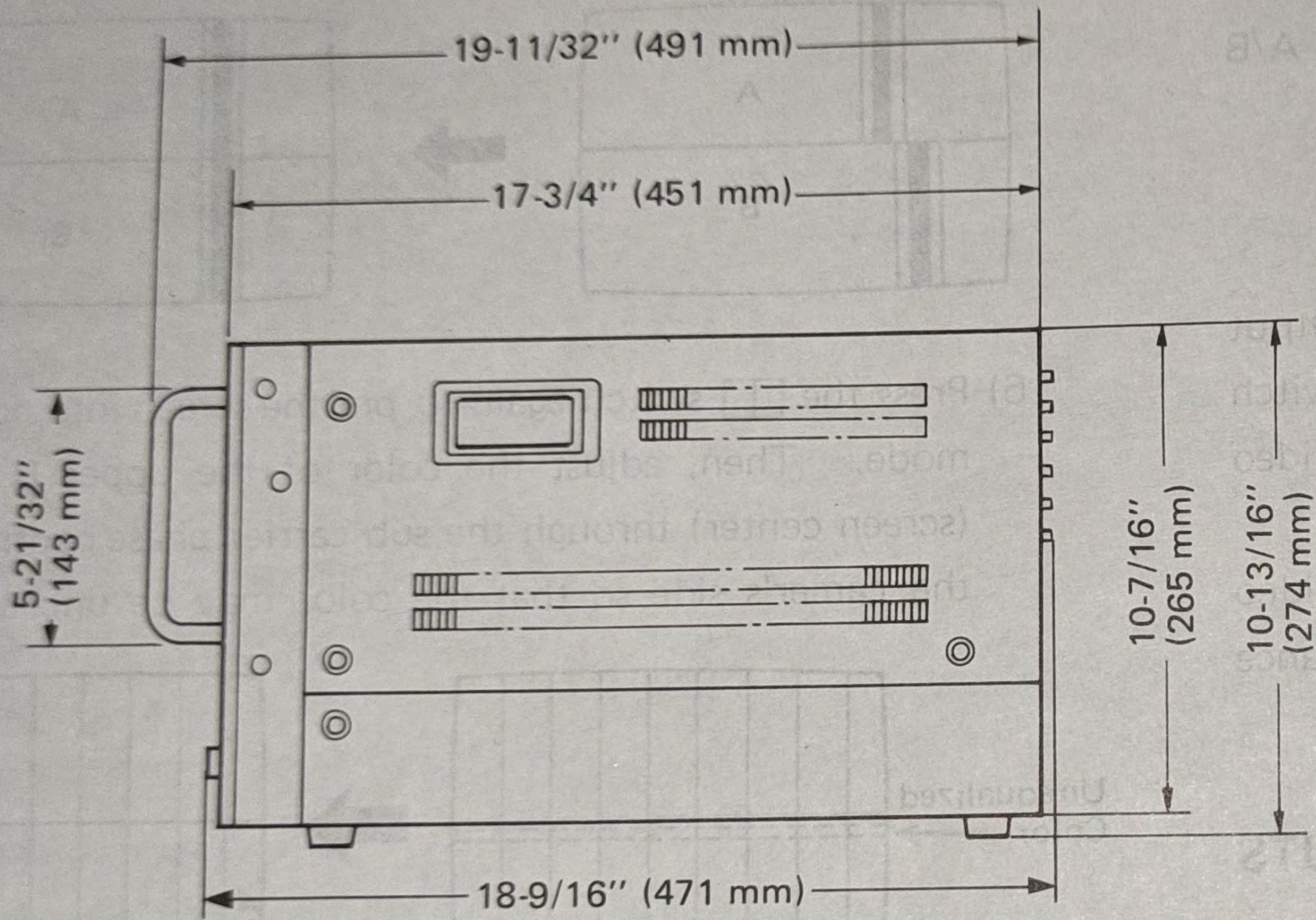
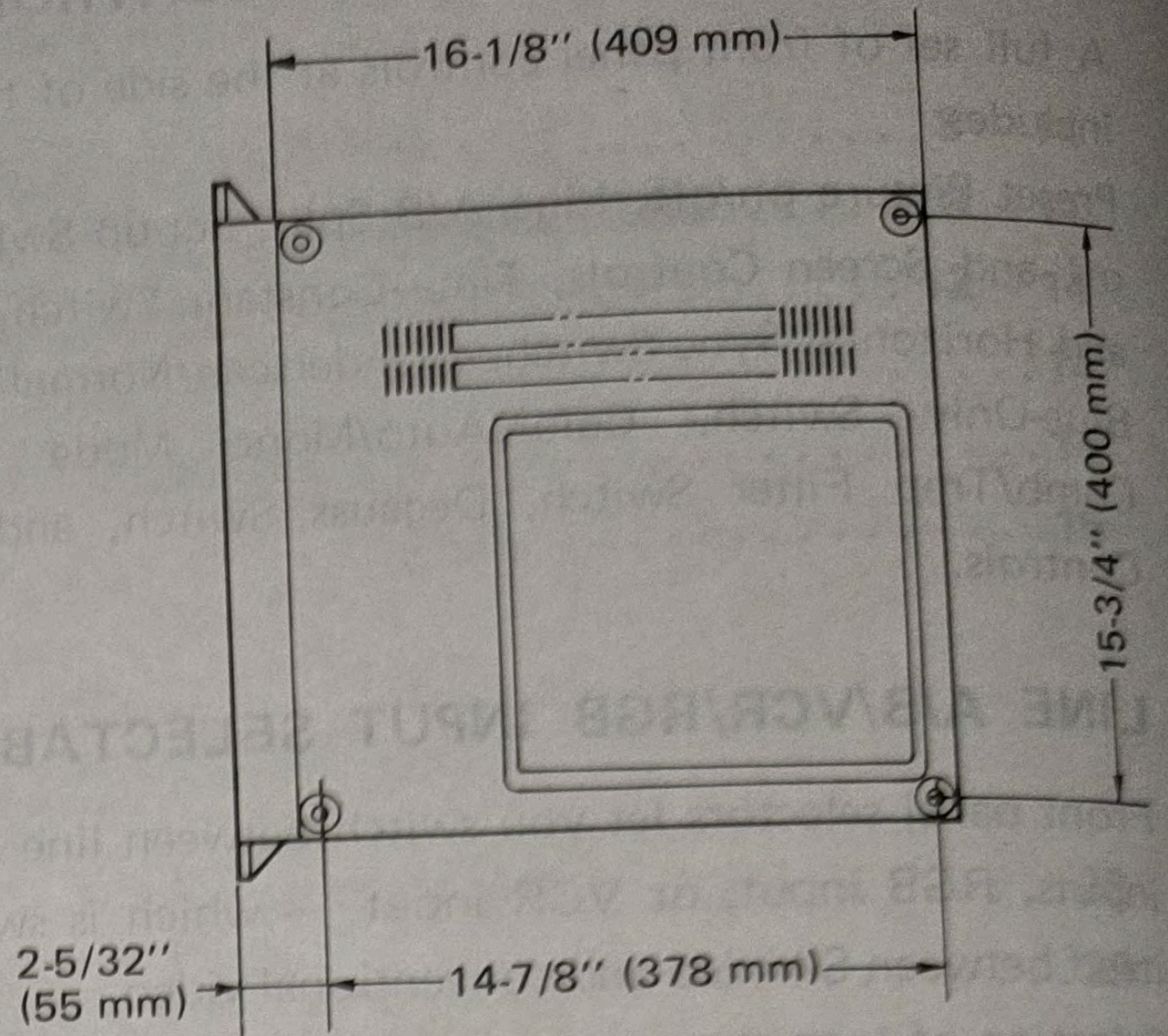
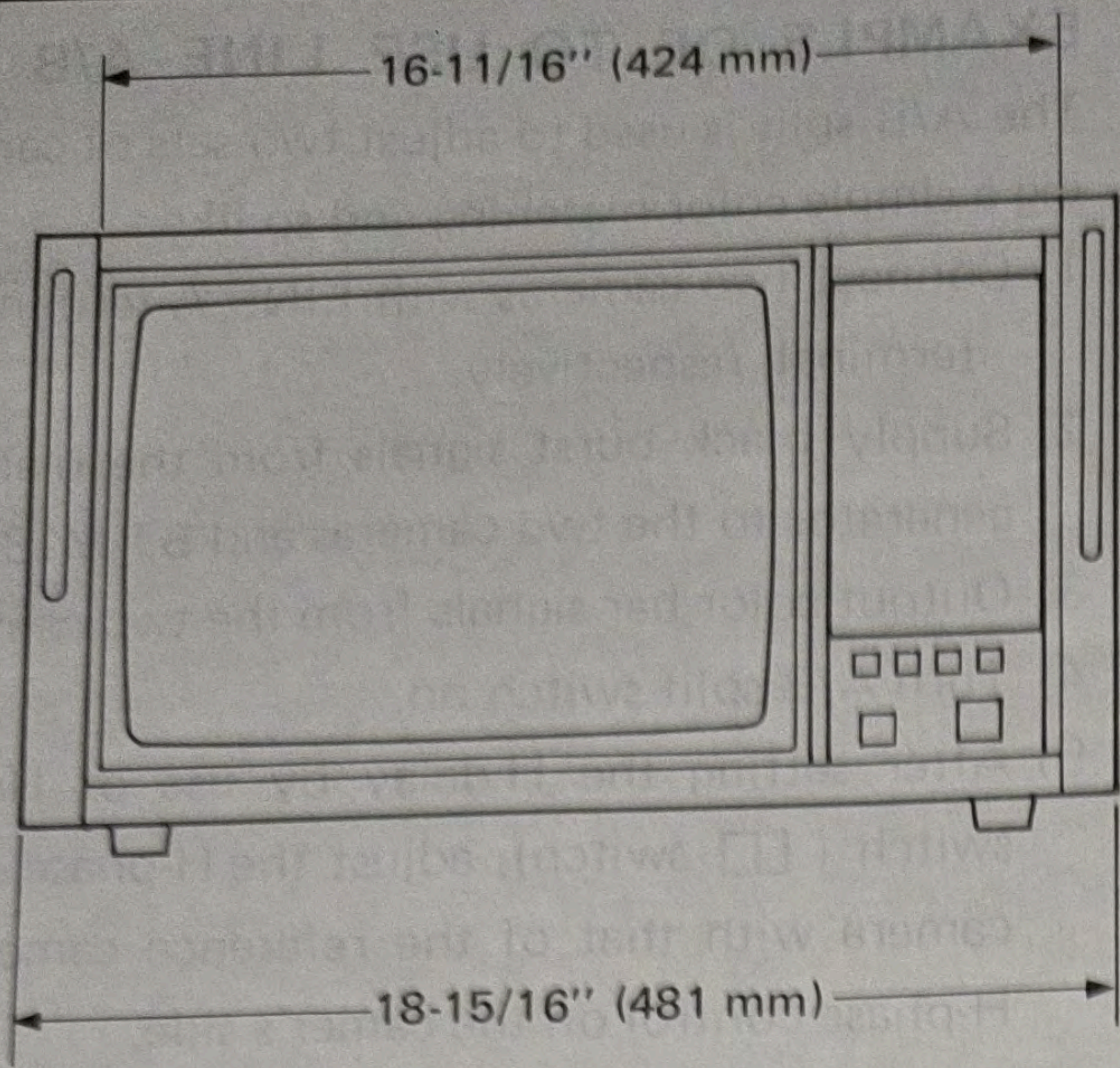


- 6) Press the switch again to put the screen into normal mode. Then, adjust the color of the upper B zone (screen center) through the sub carrier phase control on the camer's side so that the color may be unchanged.



- 7) Adjust the pedestal level, gain, color phase, color intensity, etc. of the cameras until screen A and screen B become much the same.
- 8) Take pictures of the same subject and confirm the two cameras look alike.

DIMENSIONS



METHOD OF RACK MOUNT

1. Rack Width

This color video monitor fits most 18-5/16 inches (465 mm) wide cabinet racks.
EIA STANDARD : RS-310-C

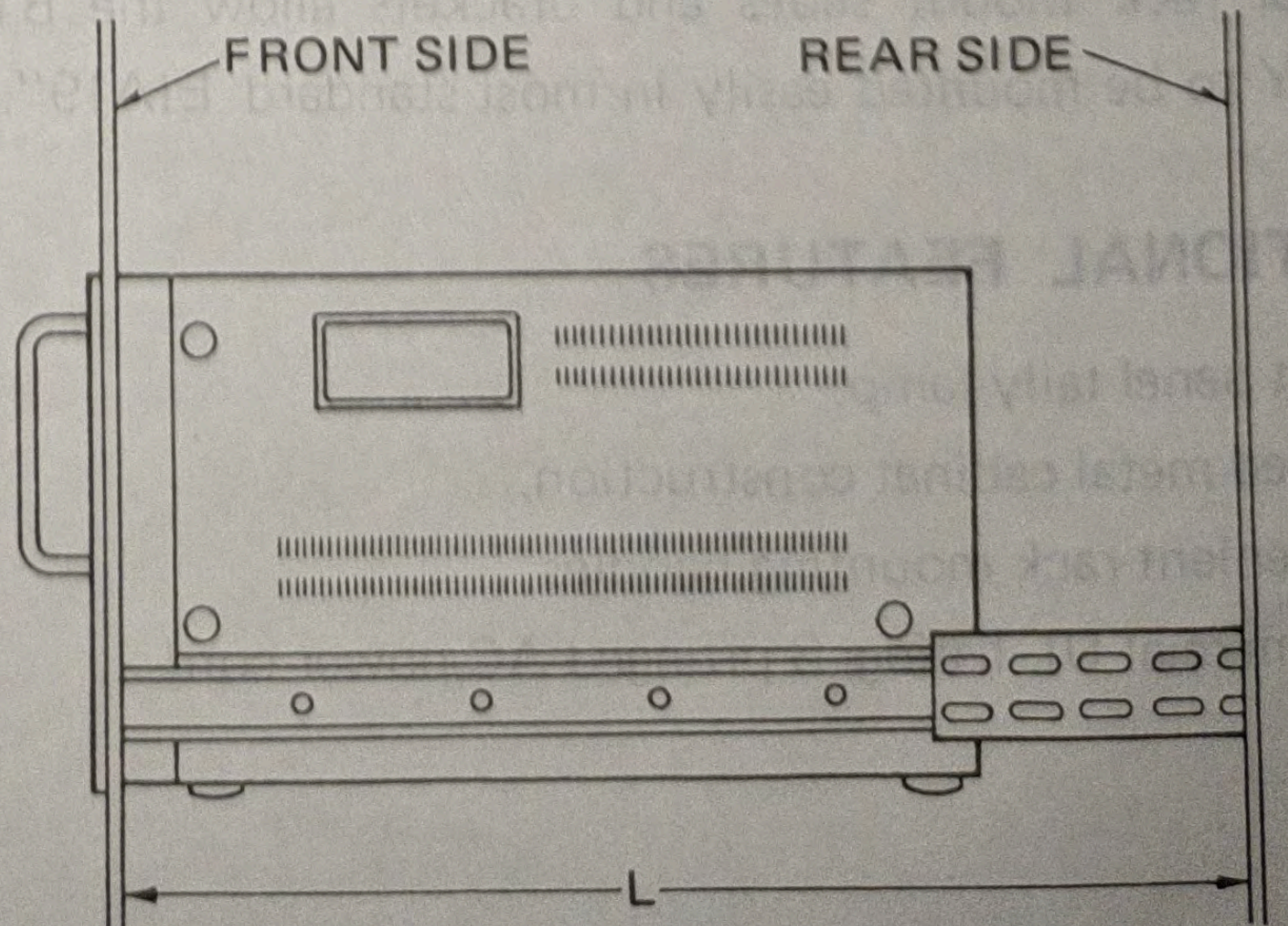
2. Rack Depth

Rack depth should be more than 22 inches (550 mm).

3. Slide and Bracket

We recommend the following for proper installation.

Chassis-Track's		
Distance : L	Slide	Bracket
L = 20 7/16" ~ 26 3/8" (520 ~ 670 mm)	C-300-S-120	B-308
L = 22 1/16" ~ 28 9/16" (560 ~ 725 mm)	C-300-S-122	



4. Slide and Bracket mounting.

NOTE:

The mounting using slide of the chassis-track's is described below.

Accessories for this unit

(rack brackets, screws (A))

1. Mount and secure both the right and left rack brackets (attached to BT-M1310Y) on the unit using 3 screws (A) each (Fig. 1).
2. Mount and secure both the right and left (a) blocks of the slide assembly on the unit using 4 screws (B) each (Fig. 2).
3. Mount and secure both the right and left bracket on the rack using two screws (C) each (Fig. 3).

4. Mount and secure the blocks (b) and (c) of slide assembly using 2 screws (D) each (Fig. 4).
5. Insert as shown in Fig. 5.

Note:

Insert the blocks (a) and (b) of slide assembly by holding the slide assembly (b) stopper.

6. Mount and secure the unit on the rack using 4 screws (E) (Fig. 6).

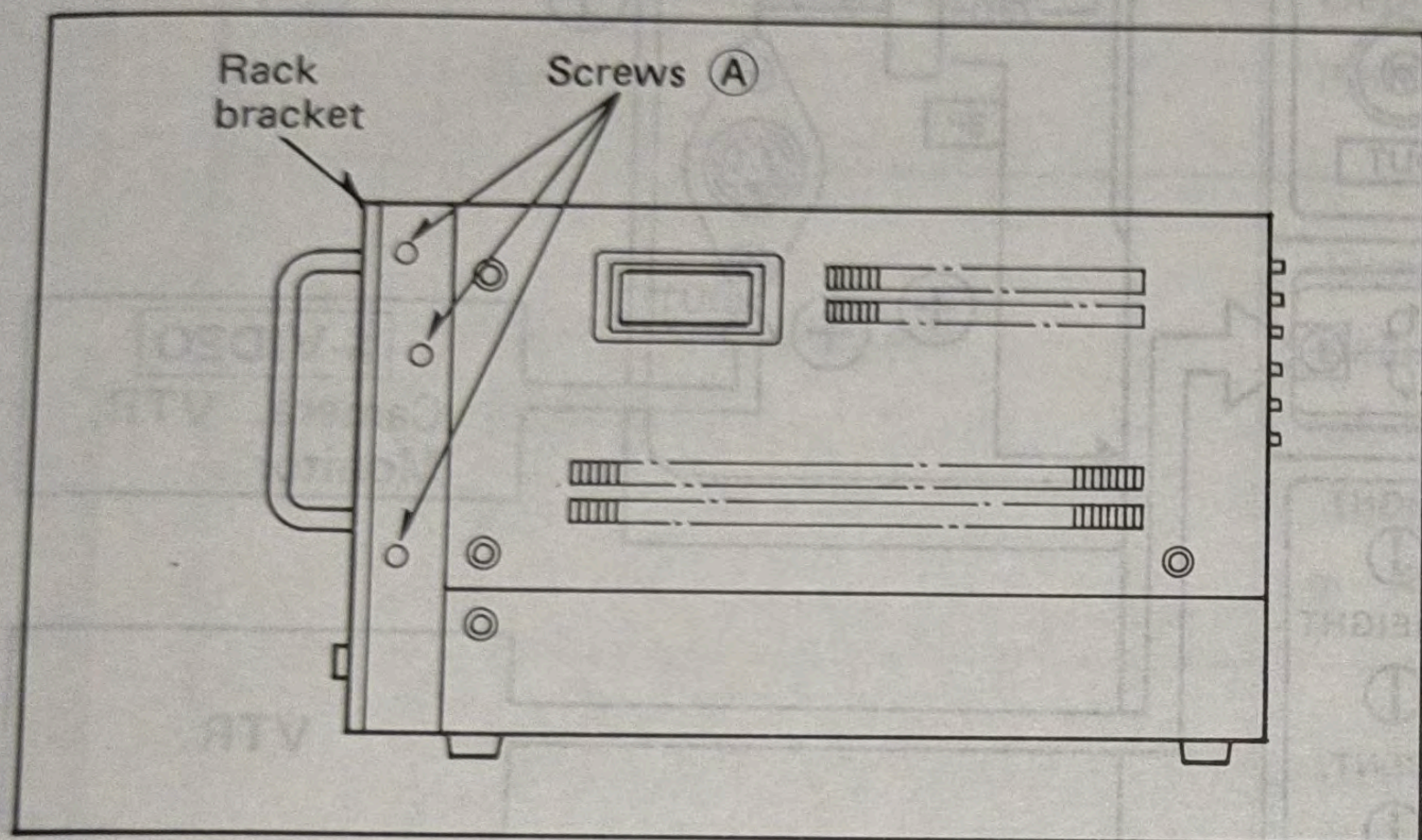


Fig. 1

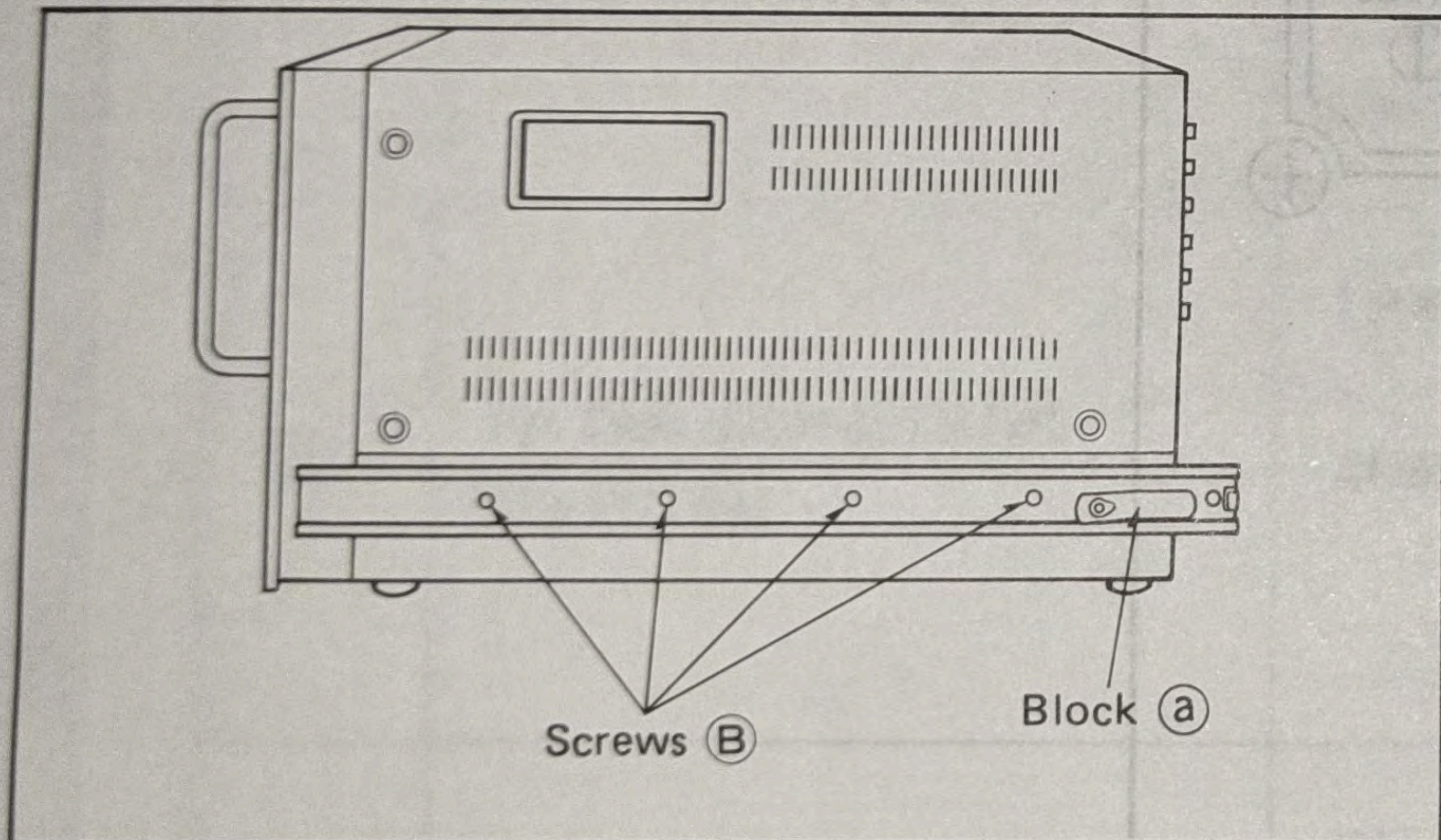


Fig. 2

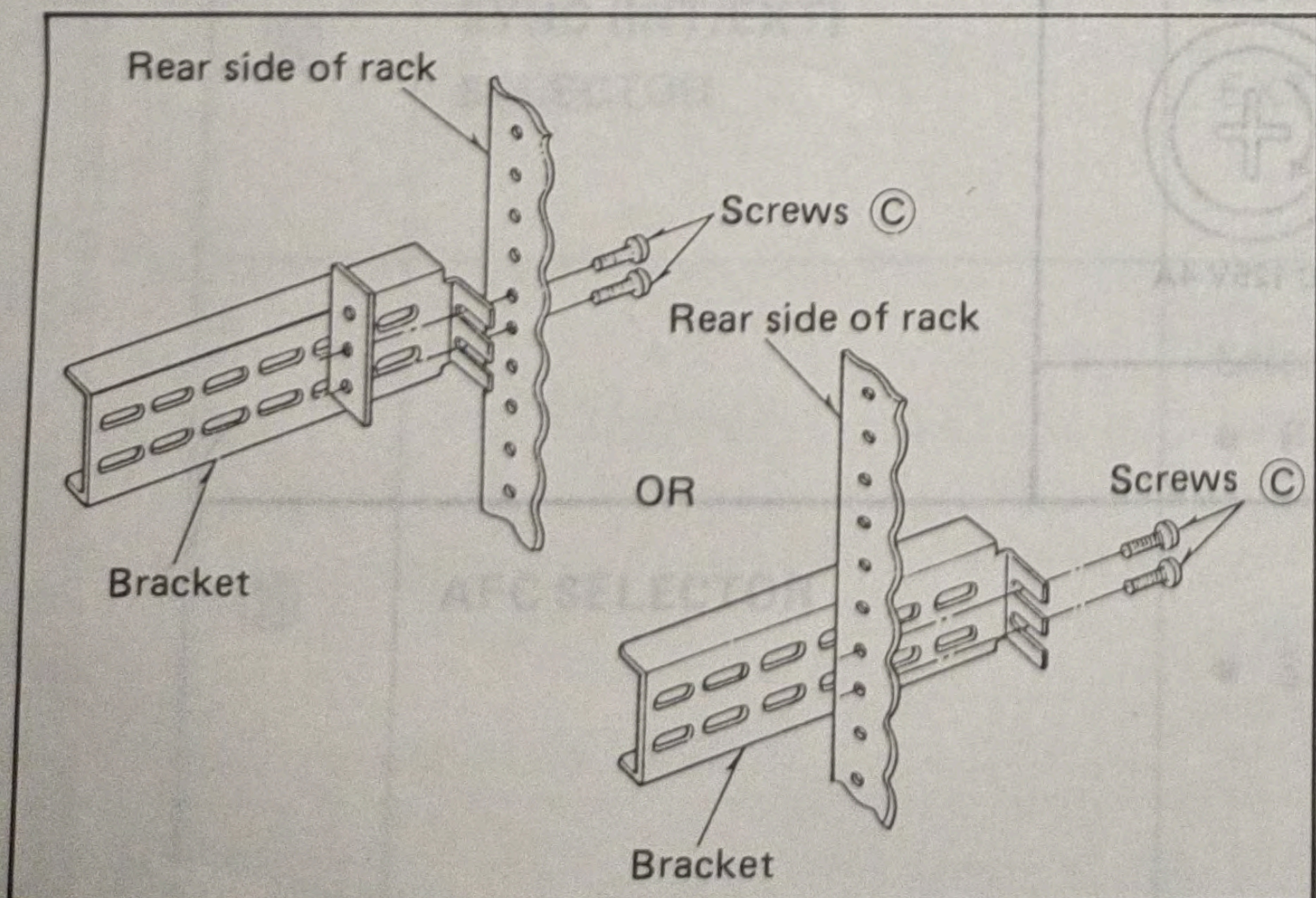


Fig. 3

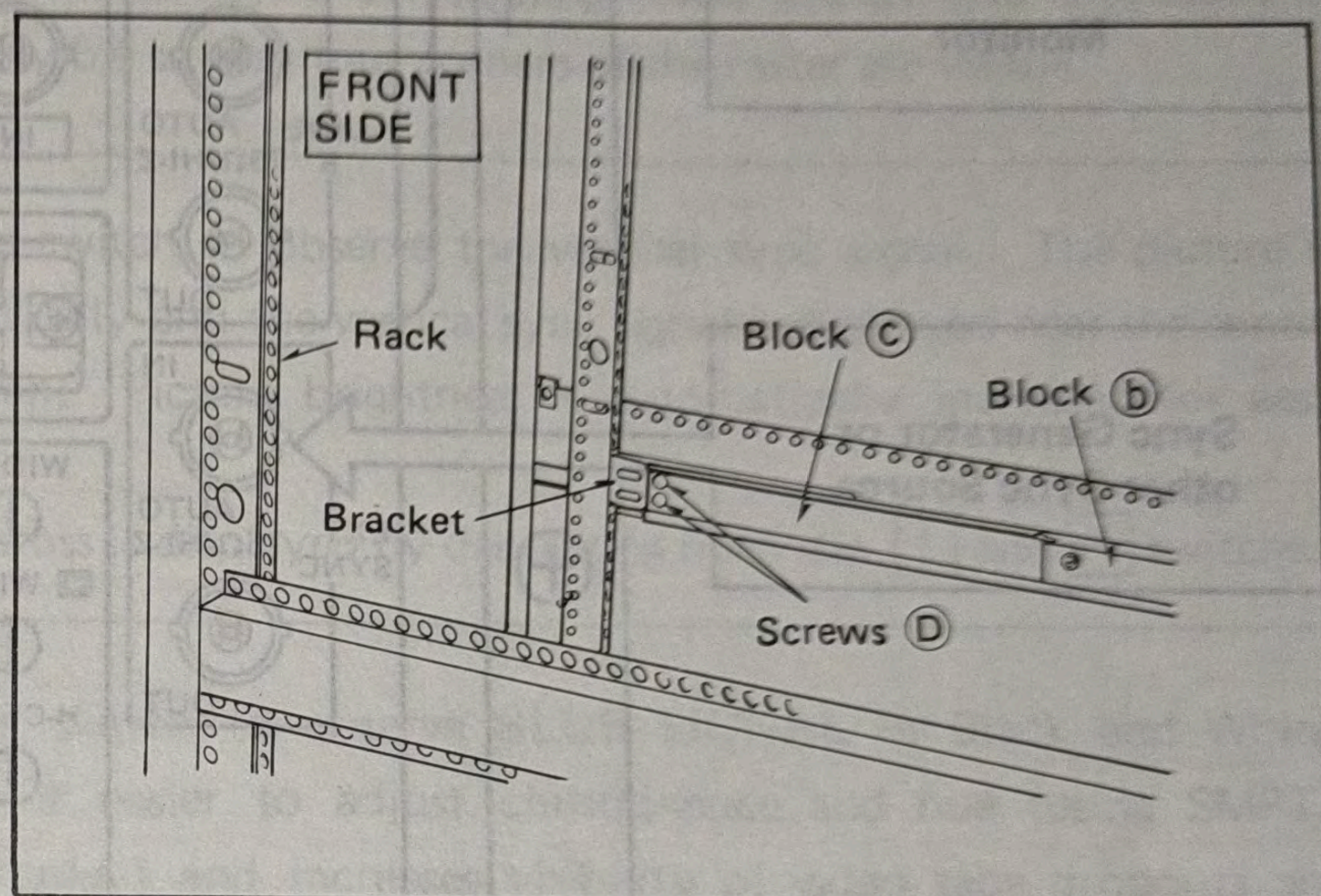


Fig. 4

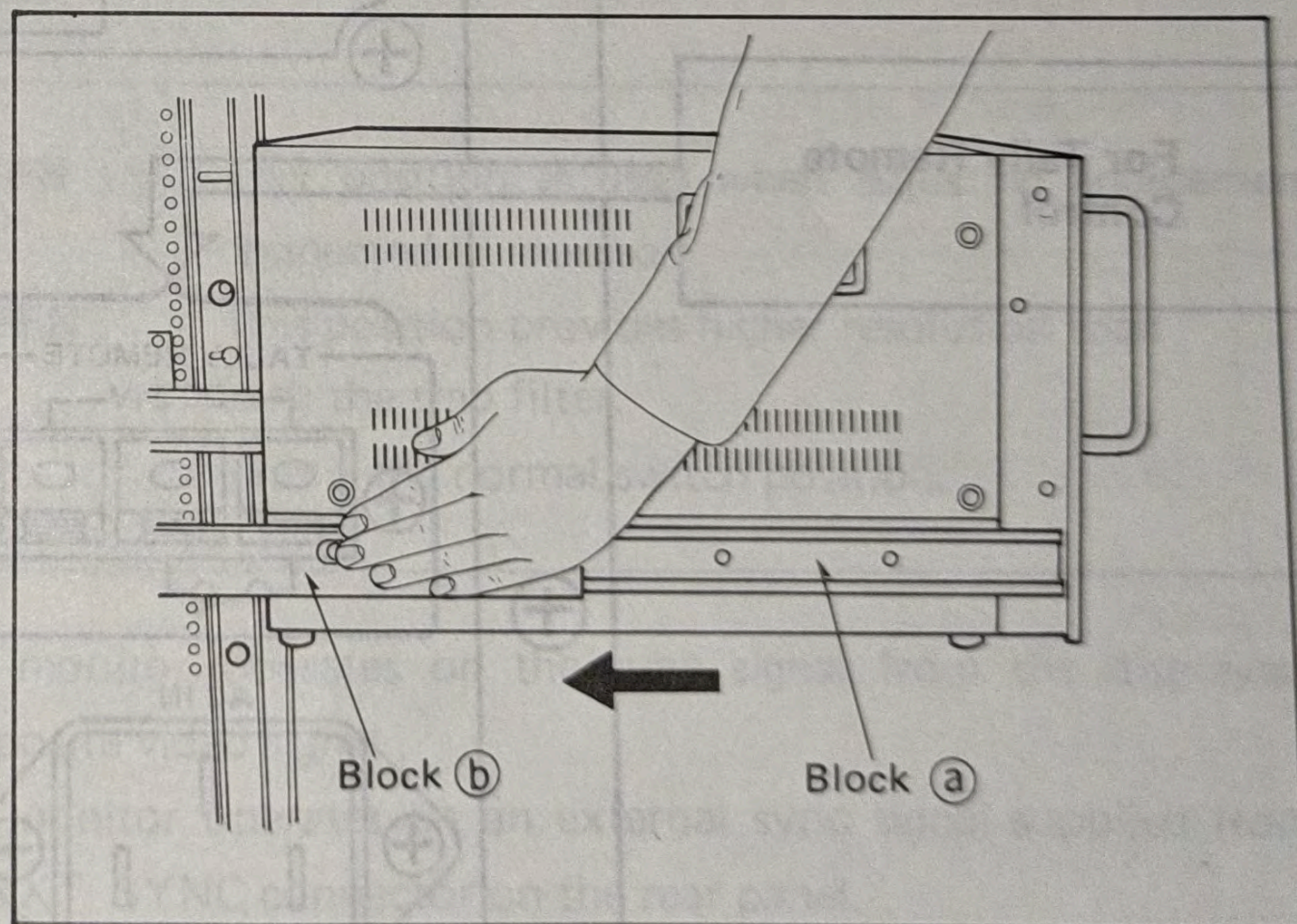


Fig. 5

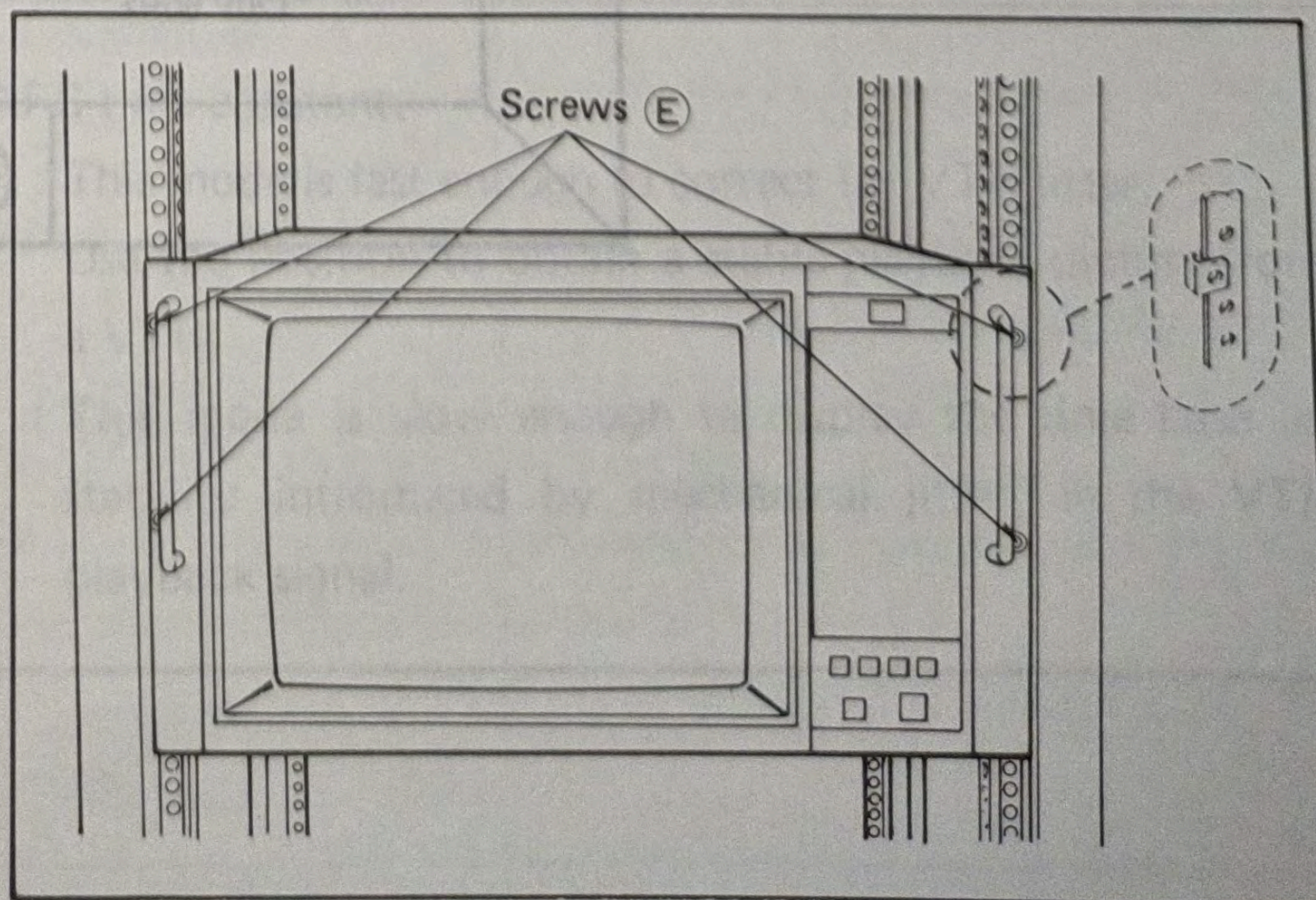
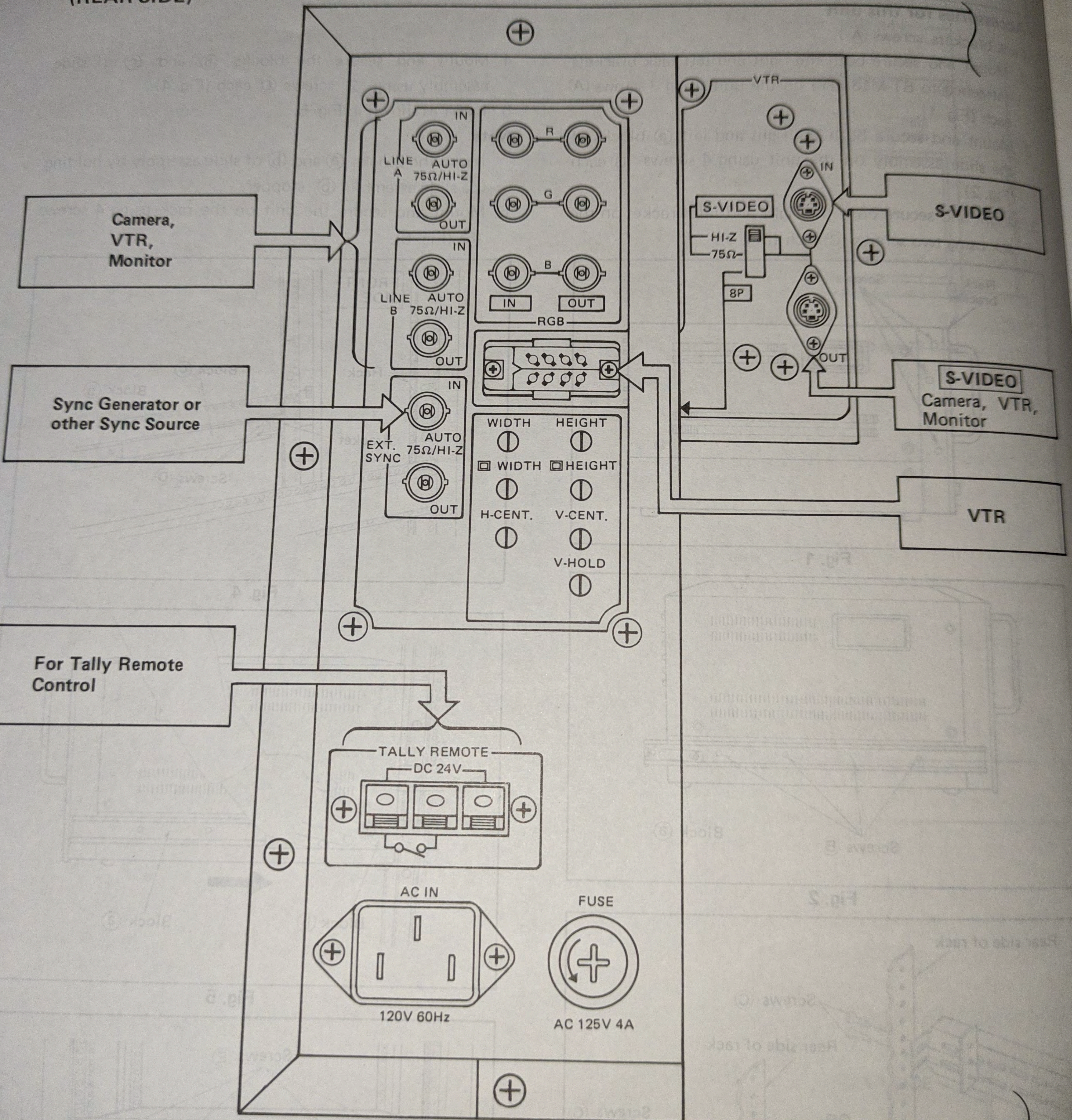


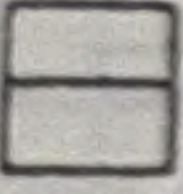
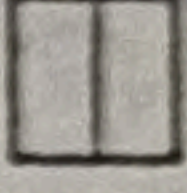
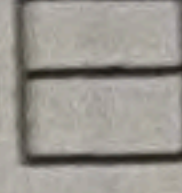
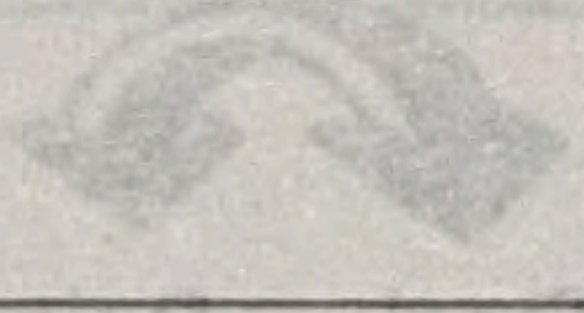


Fig. 6

CONNECTIONS

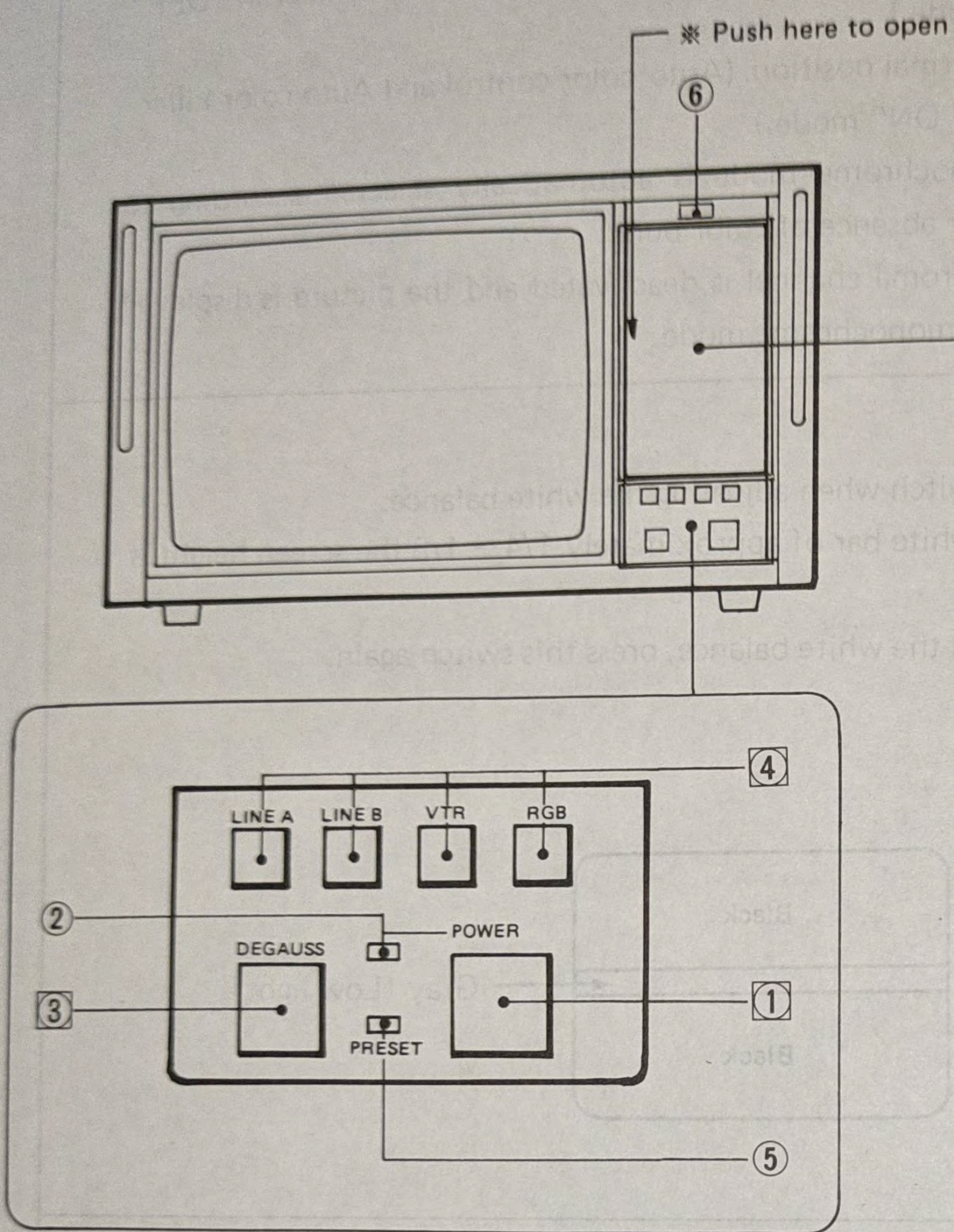
(REAR SIDE)



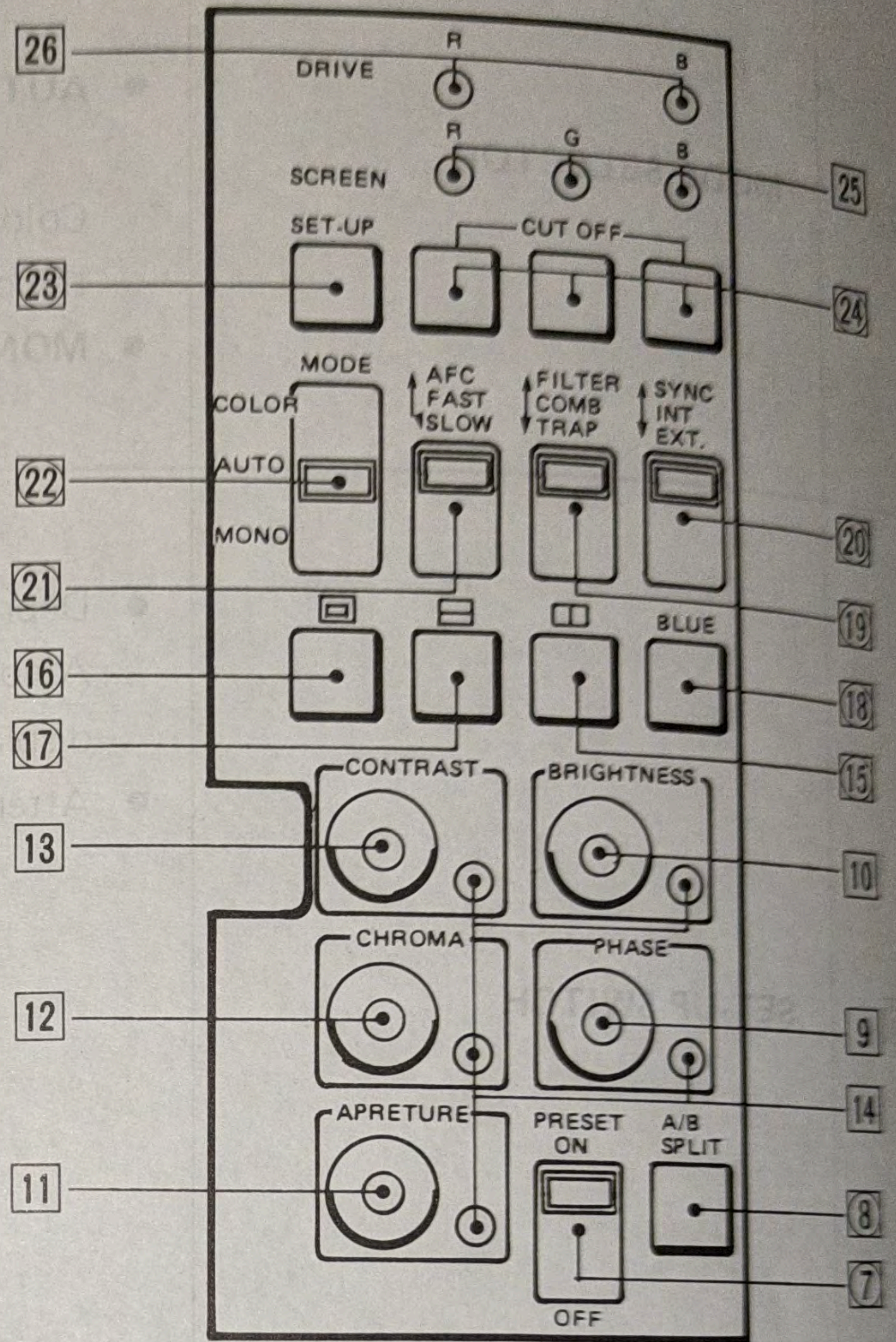
No.	NAME	PURPOSE
14	PRESET CONTROLS (VR)	Each preset VRs which belong the manual controls are enabled at preset selector "ON" position. Preset levels are preadjusted at factory shipment.
15	HORIZONTAL DELAY SWITCH 	Depress this switch to observe the horizontal sync signal. The picture is delayed horizontal and the horizontal sync signal is displayed in the left size of the screen. Picture brightness is automatically increased for easy observation.
16	UNDERSCAN SWITCH 	Depress this switch for underscanning. The display size is reduced by approximately 5% so that four corners of the raster are visible.
17	VERTICAL DELAY SWITCH 	Depress this switch to observe the vertical sync signal. The picture is delayed vertically and the vertical sync signal is displayed near the center of the screen. Picture brightness is automatically increased for easy observation. ● A pulse cross is displayed by depressing both the  and  switches.
18	BLUE SIGNAL SWITCH	Depress this switch to observe BLUE SIGNAL in Black and White. This makes it easier to adjust chrominance and hue (using SMPTE color bar display) and increases visibility of video tape dropouts and playback noise.
19	FILTER (COMB/TRAP) SELECTOR	TRAP FILTER : This position is used when adjusting equipment connected to monitor. COMB FILTER : This position provides higher resolution than with the trap filter. This is the normal switch position. 
20	SYNC (INT/EXT) SELECTOR	INT; The monitor operates on the sync signal from the displayed composite video signal . EXT; The monitor operates on an external sync signal supplied from the EXT SYNC connector on the rear panel.
21	AFC SELECTOR	Selects the AFC time constant. ● FAST : This mode is fast enough to correct for VTR jitter. Use the position to obtain a stable playback picture from a VTR. ● SLOW : This mode is slow enough to display the time base instability introduced by mechanical jitter, in the VTR playback signal.

LOCATION AND OPERATIONS

FRONT CONTROLS AND INDICATORS



[BEHIND THE DOOR]

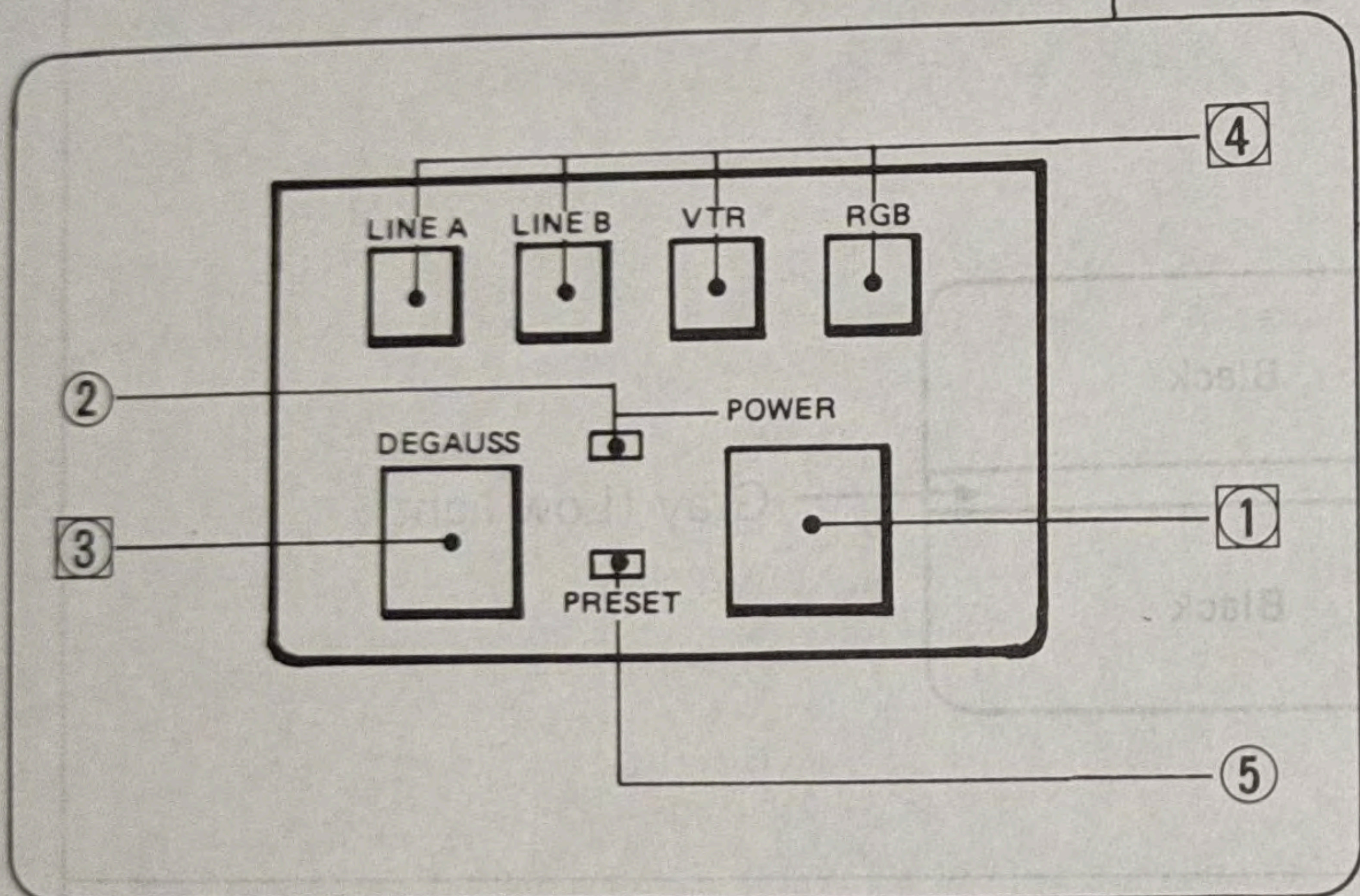
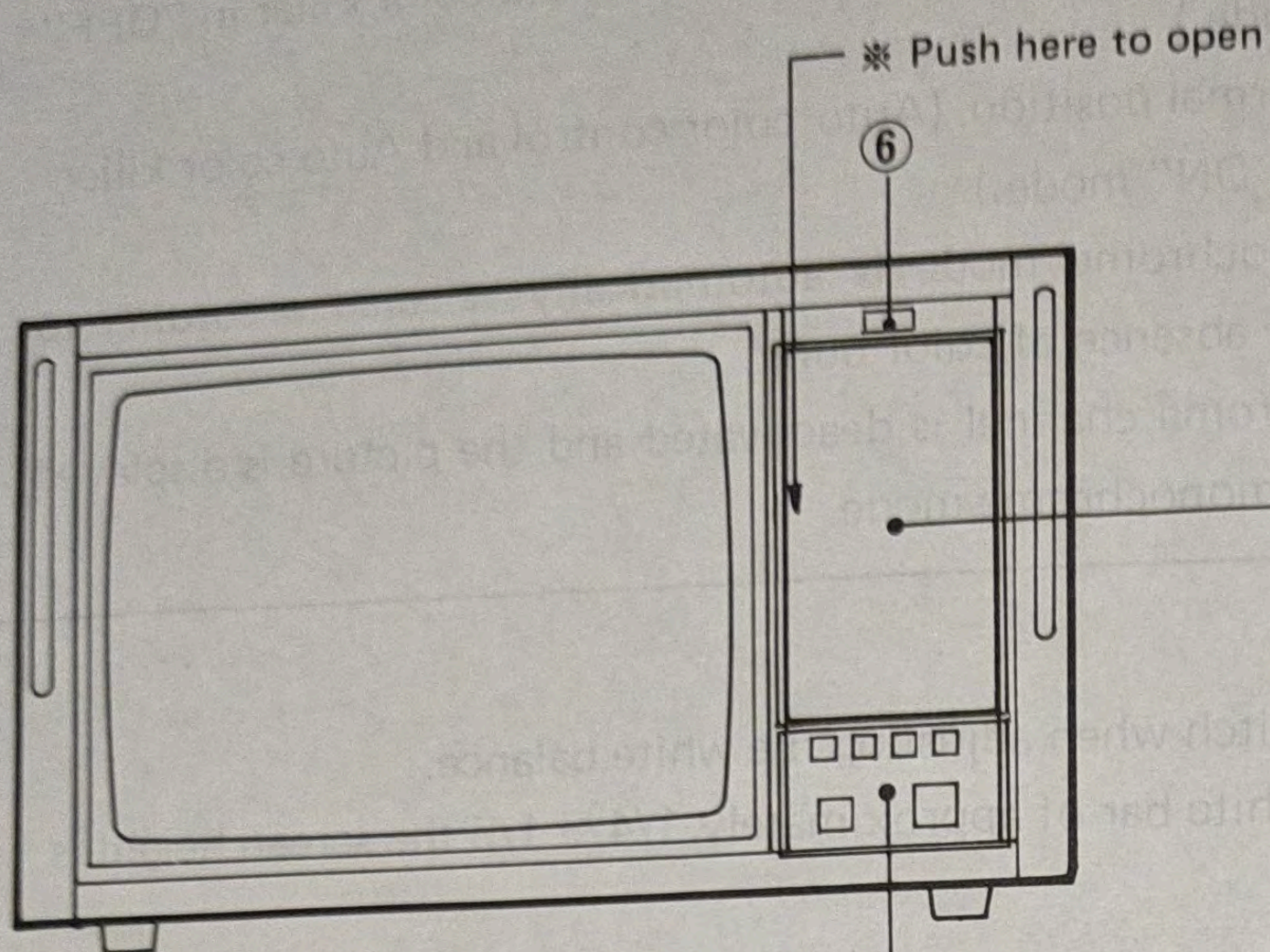


Note: □ Controls
 ○ Indicators
 ⊗ Switches

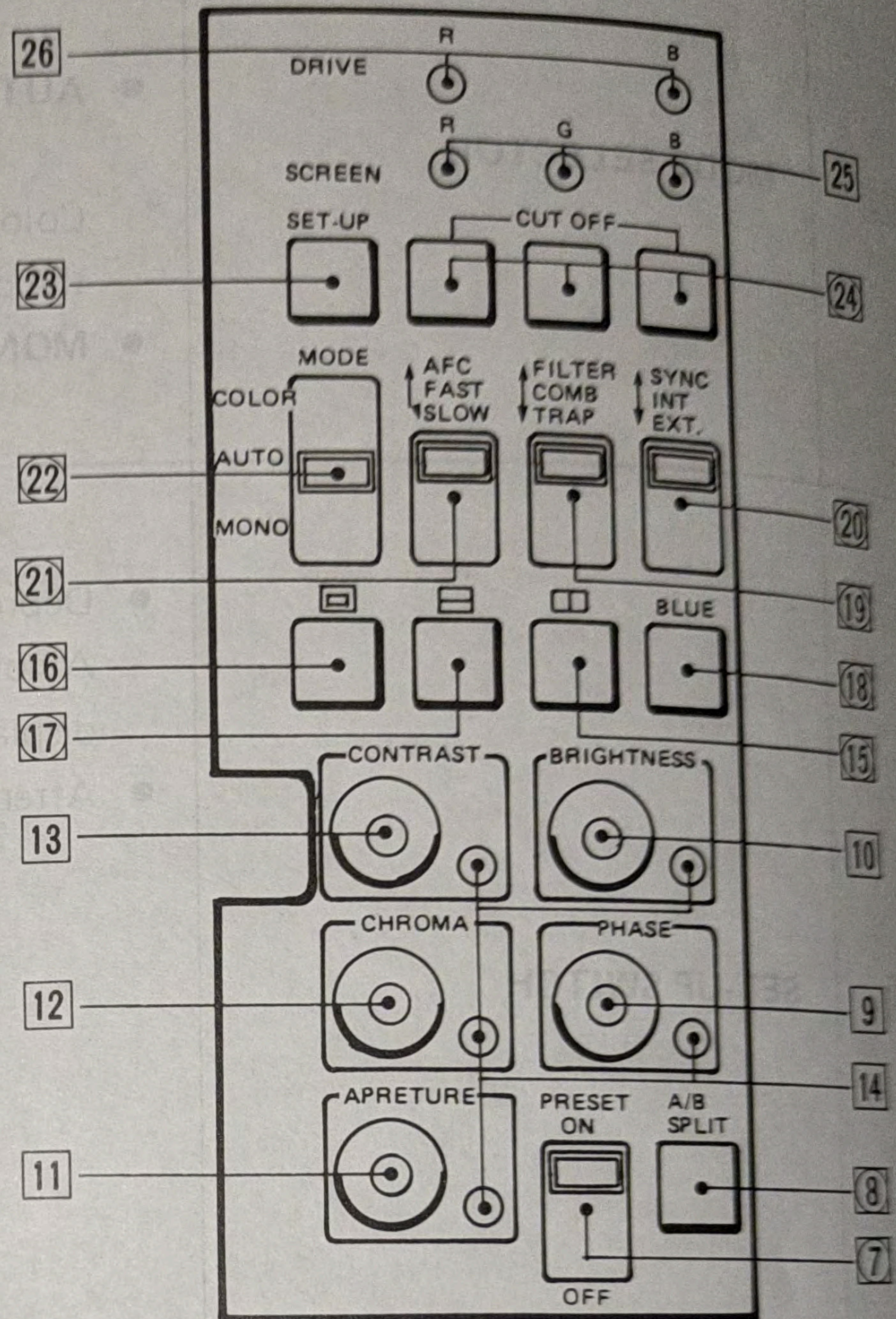
No.	NAME	PURPOSE
①	POWER SWITCH	Push this switch to turn the unit "ON".
②	POWER INDICATOR	<ul style="list-style-type: none"> Depress the power switch to turn "ON" the power. The power indicator will light (GREEN).
③	DEGAUSS SWITCH	To demagnetize the screen, press this switch more than 10 sec. with the power turned on. Wait for 5 minutes or more before activating degaussing again.
④	INPUT SELECTOR	LINE A : Received video signal from the LINE A terminal. LINE B : Received video signal from the LINE B terminal. VTR : Received video signal from the VTR terminal. (8P and S-Video) RGB : Received RGB signal from the RGB terminal.
⑤	PRESET INDICATOR	This is the preset "ON"/"OFF" indicator.

LOCATION AND OPERATIONS

FRONT CONTROLS AND INDICATORS



[BEHIND THE DOOR]

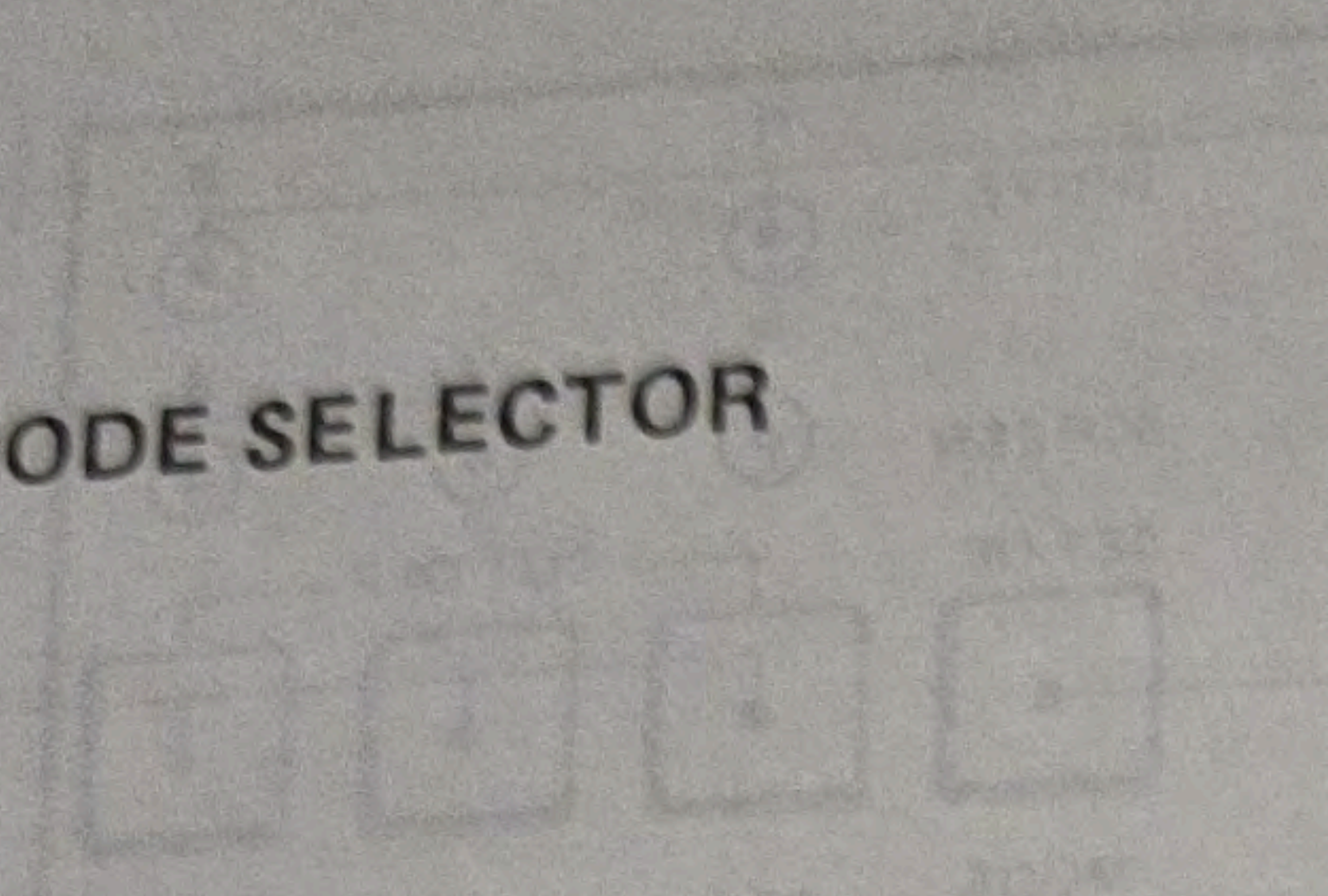


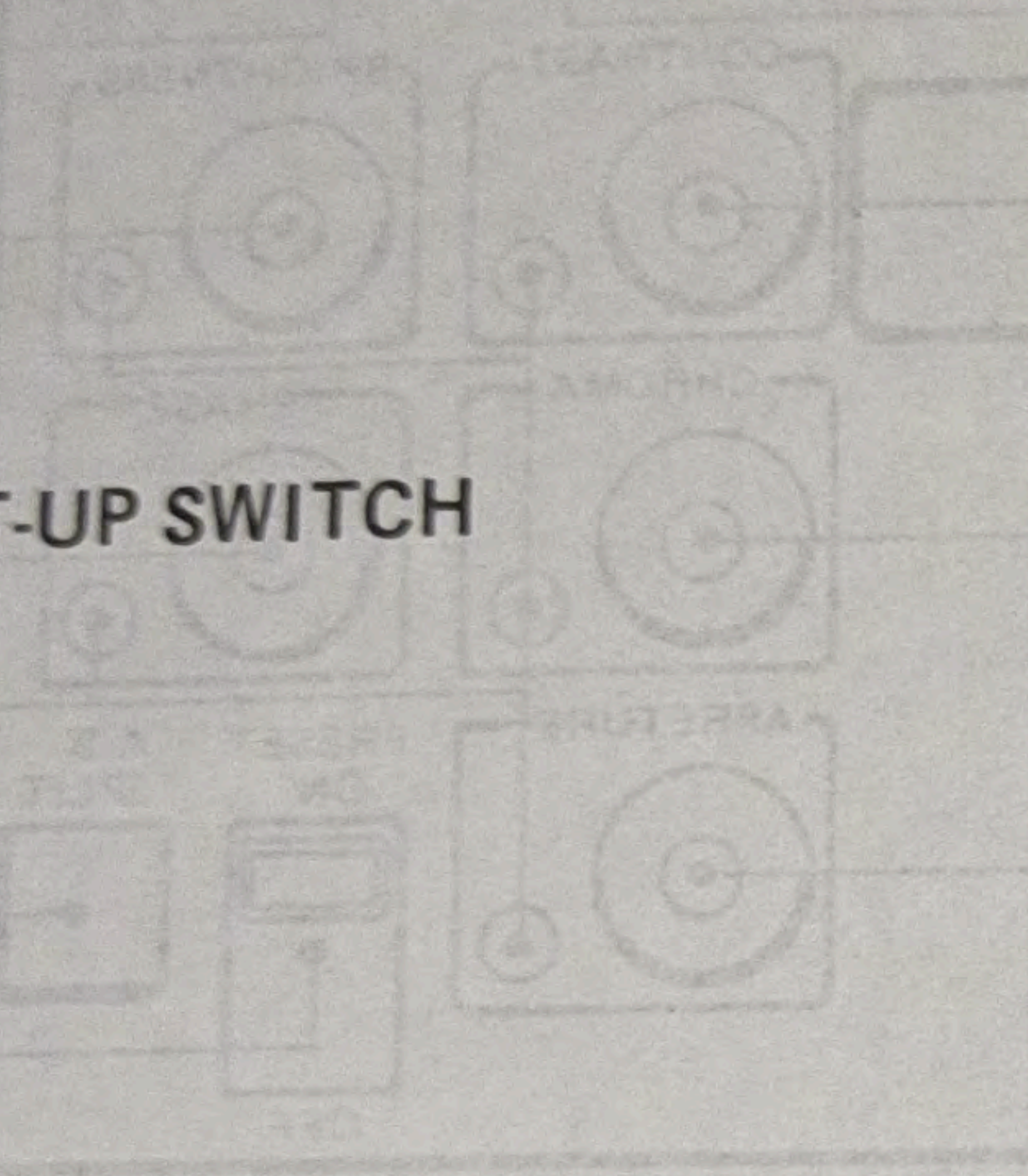
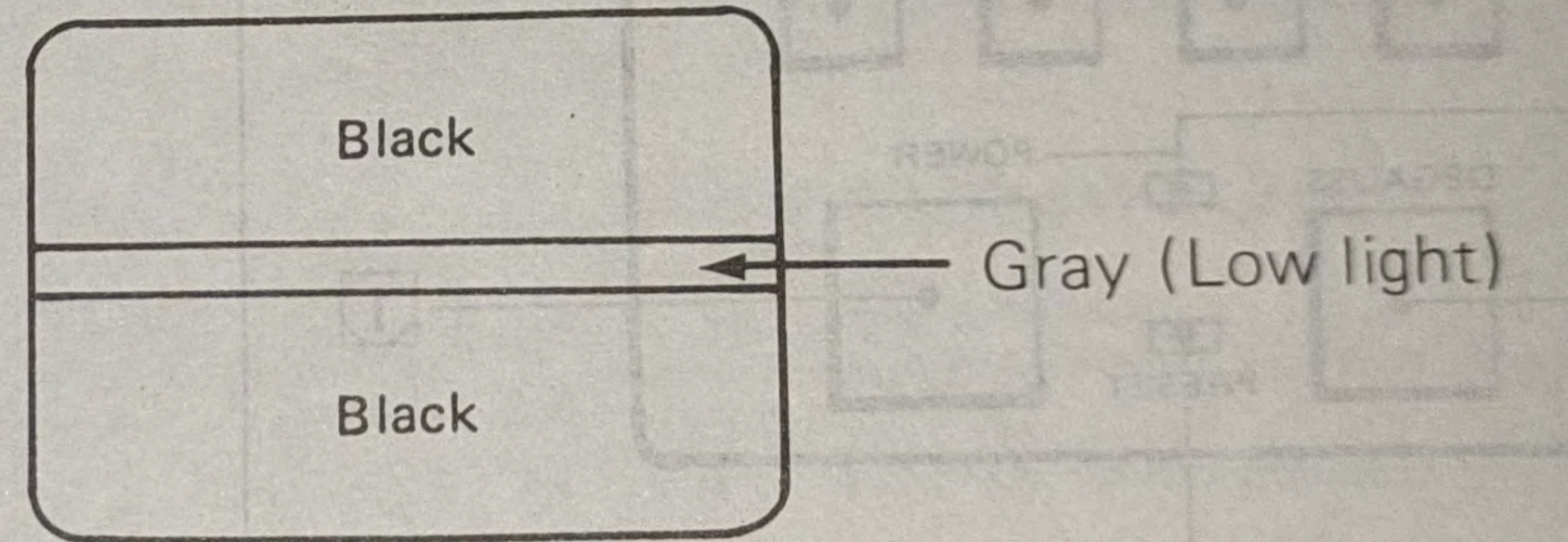
Note: □ Controls
 ○ Indicators
 ◻ Switches

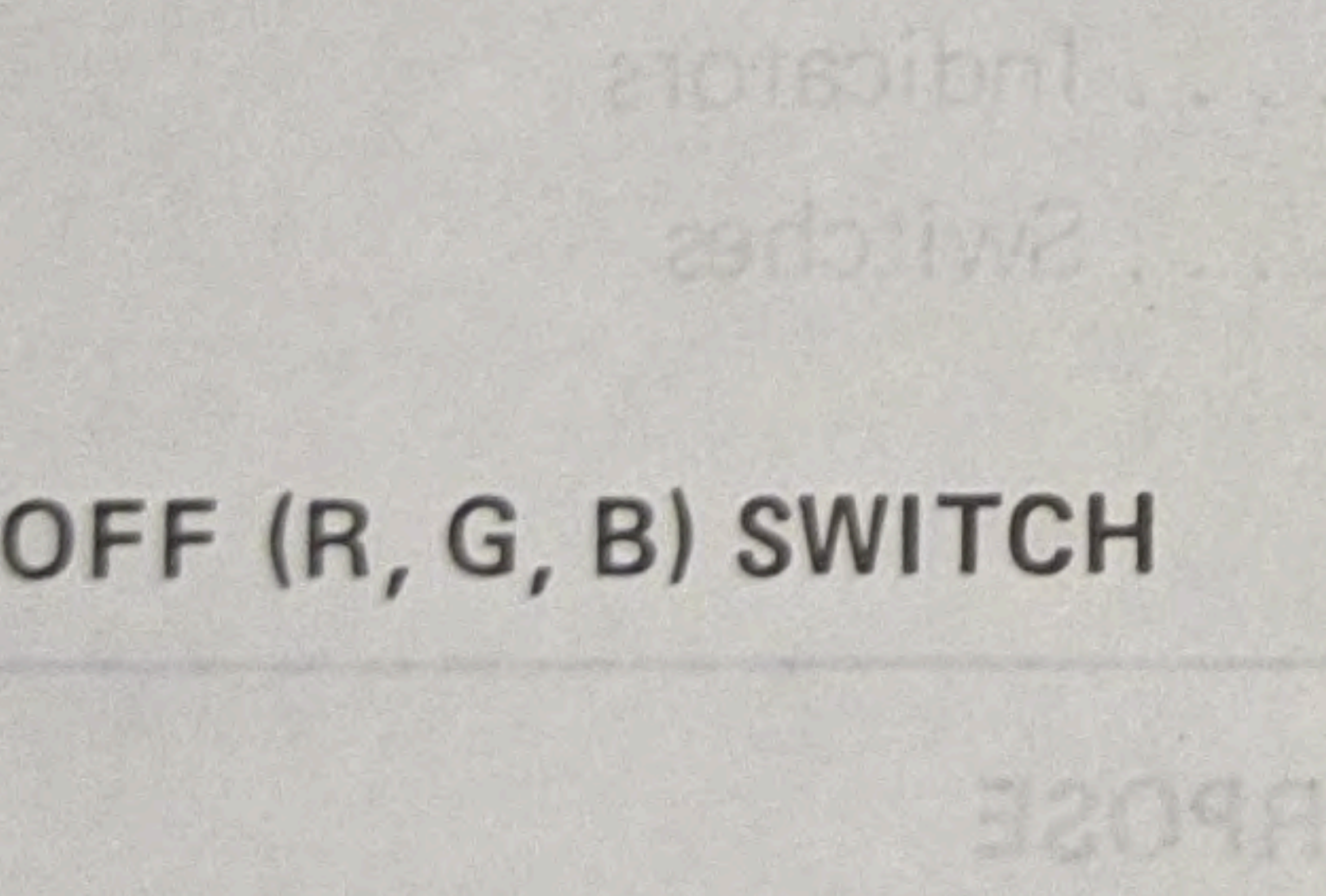
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⑤	PRESET INDICATOR	This is the preset "ON"/"OFF" indicator.

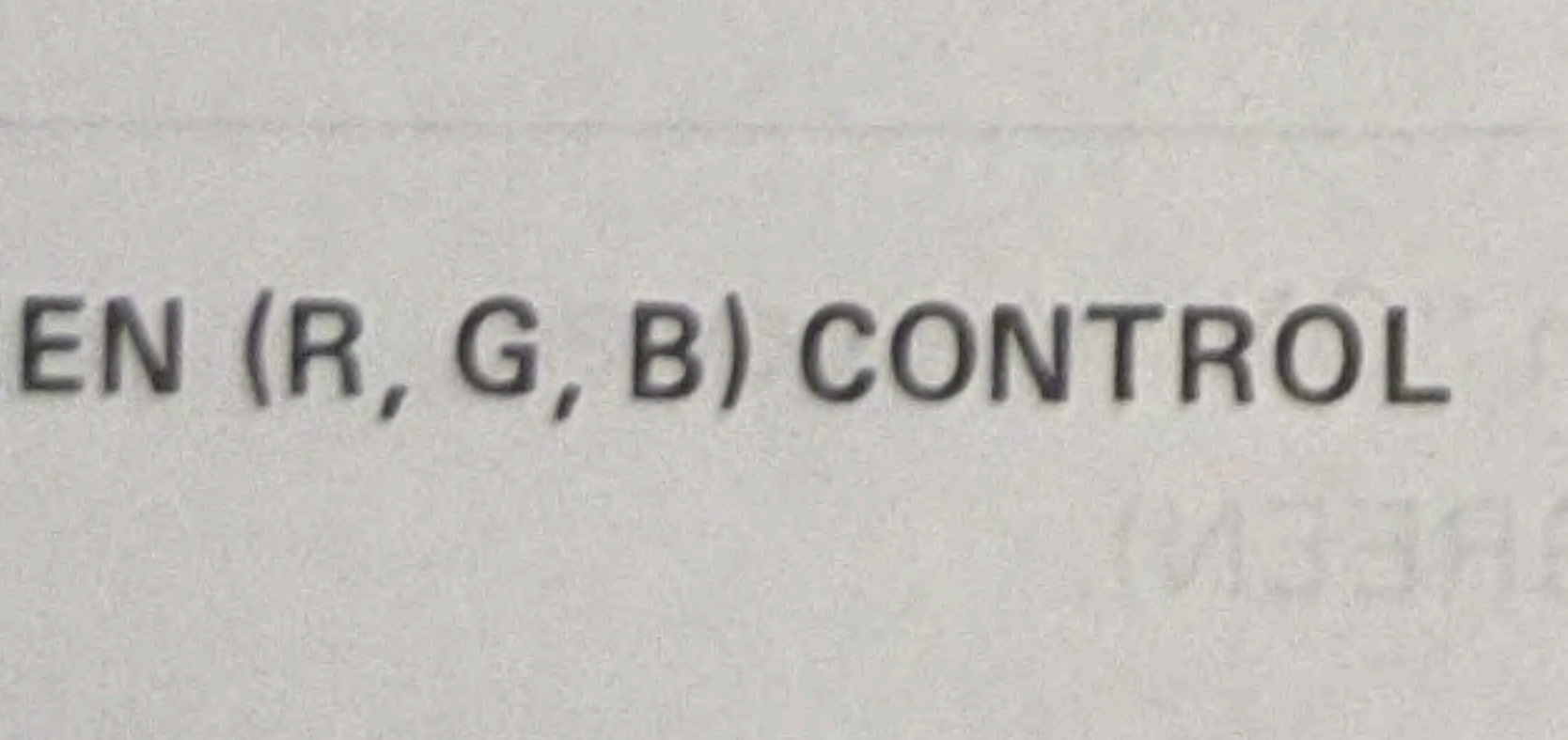
No.	NAME	PURPOSE
⑥	TALLY LAMP	The lamp lights when the terminals of the TALLY REMOTE connector on the rear panel are short circuited or supplied 24V DC.
⑦	PRESET SELECTOR	<p>This switch is used to select whether the picture is at a preset level (Fixed), or manually setting the level.</p> <ul style="list-style-type: none"> ● PRESET "ON" : Preset level (fixed) ● PRESET "OFF" : Enable manual controls. <p>CONTRAST : Adjust the picture contrast level. BRIGHTNESS : Adjust the picture brightness level. CHROMA : Adjust the color saturation level. PHASE : Adjust the hue or subcarrier phase. APERTURE : Adjust the picture to a sharper level.</p>
⑧	A/B SPLIT SELECTOR	<p>Video signals on lines A and B can be monitored respectively in the upper and lower halves of a picture by setting this switch to "ON".</p> <div style="text-align: center;"> </div> <p>① Sync. signal of Line A and Line B should be the same. ② Input the Sync. signal by EXT. Sync terminals.</p>
⑨	PHASE CONTROL	<p>Adjust the phase control for the proper color phase or flesh tone. (PRESET Selector "OFF" position.)</p> <div style="text-align: center;"> </div>
⑩	BRIGHTNESS CONTROL	<p>Adjust the brightness level for the desired overall picture or display brightness. (PRESET Selector "OFF" position.)</p> <div style="text-align: center;"> </div>
⑪	APERTURE CONTROL	<ul style="list-style-type: none"> ● Turn clockwise to get a crisper picture. ● Turn counterclockwise to get a softer picture. <p>(PRESET Selector "OFF" position.)</p> <div style="text-align: center;"> </div>
⑫	CHROMA CONTROL	<p>Adjust the chroma control to set the color (saturation) level. (PRESET Selector "OFF" position.)</p> <div style="text-align: center;"> </div>
⑬	CONTRAST CONTROL	<p>Adjust the contrast level for the desired overall contrast.</p> <div style="text-align: center;"> </div>

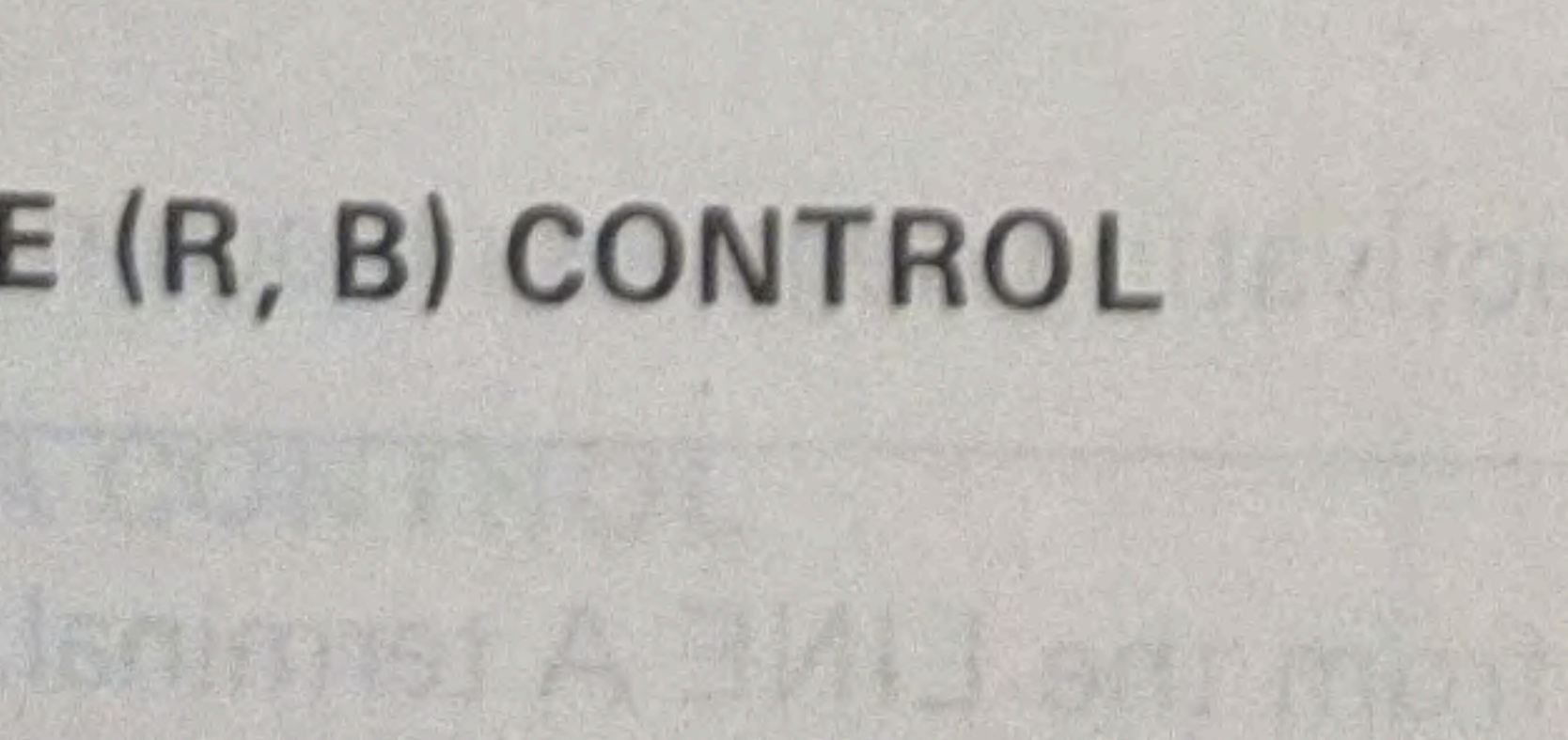
No.	NAME	PURPOSE
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22	<p>MODE SELECTOR</p> 	<ul style="list-style-type: none"> ● COLOR : Used when receiving only color signals out of input video signals. (Auto color control and Auto color killer in "OFF" mode.) ● AUTO : Normal position. (Auto color control and Auto color killer in "ON" mode.) <p>Color or monochrome mode is automatically selected according to the presence or absence of color burst.</p> <ul style="list-style-type: none"> ● MONO : Chroma channel is deactivated and the picture is displayed in monochrome mode.
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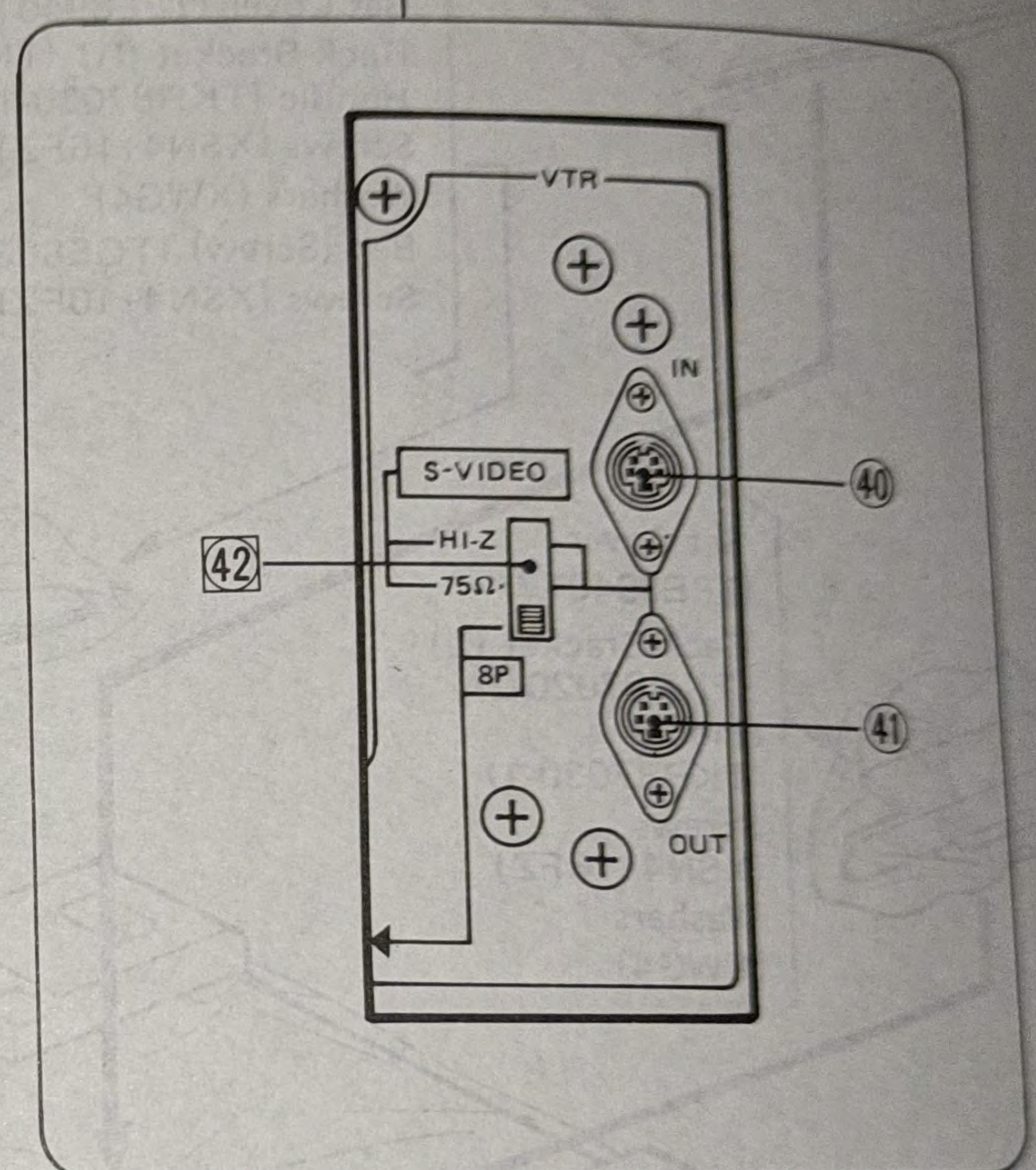
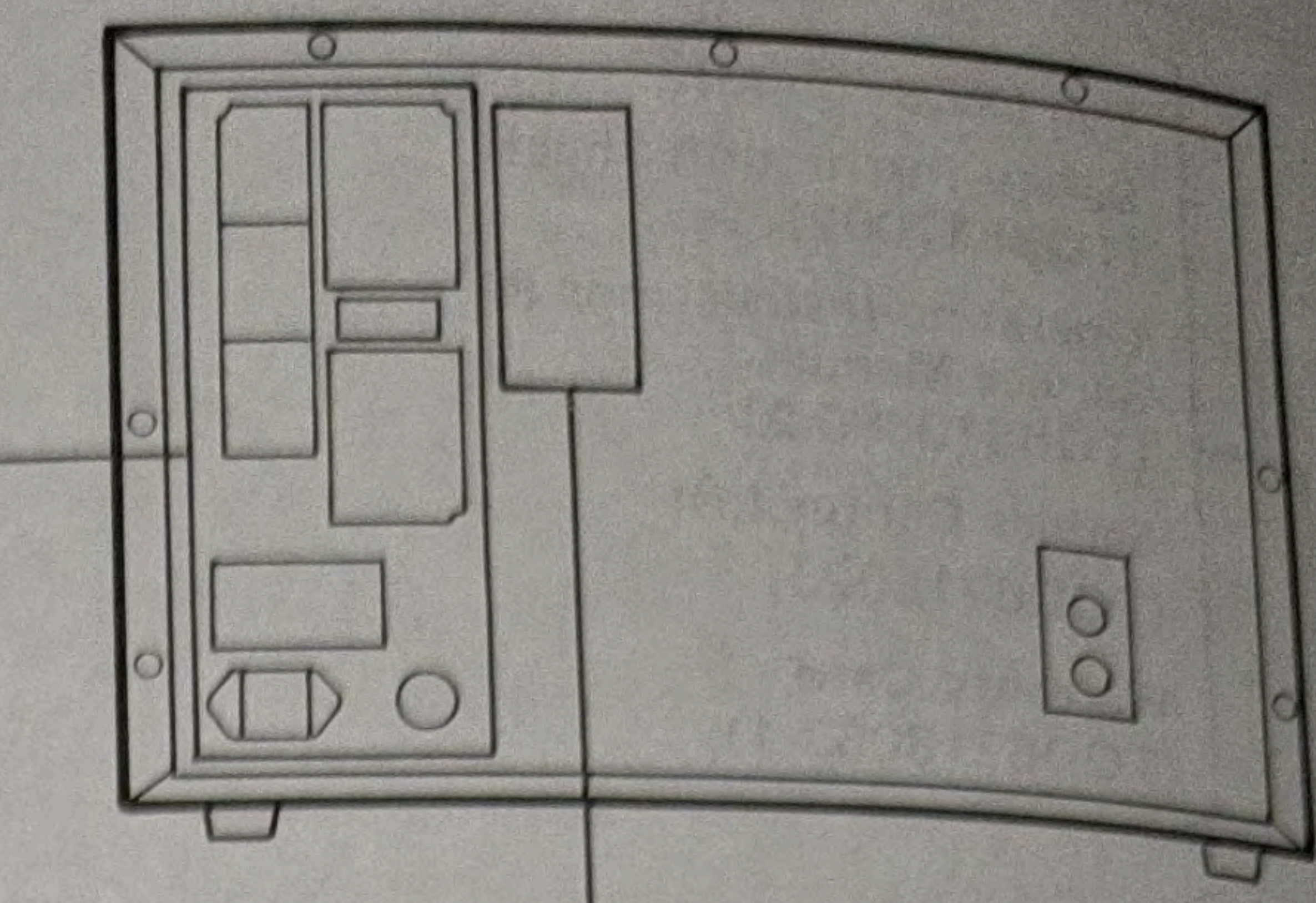
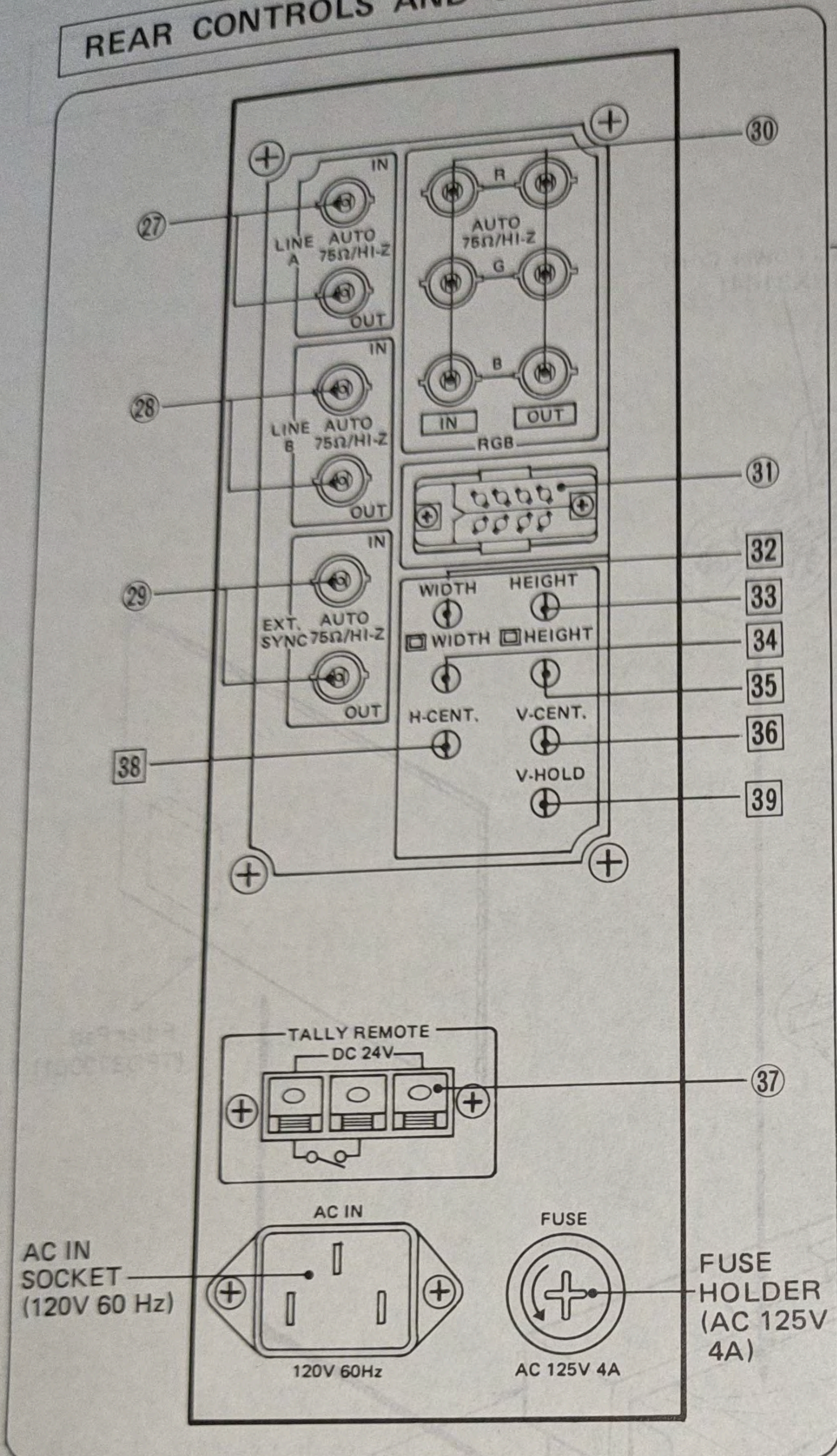
23	<p>SET-UP SWITCH</p> 	<ul style="list-style-type: none"> ● Depress this switch when adjusting the white balance. A horizontal white bar of approximately 1/4 ~ 1/5 the screen height is displayed. ● After adjusting the white balance, press this switch again. <div style="text-align: center; margin-top: 20px;">  </div>
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24	<p>CUT OFF (R, G, B) SWITCH</p> 	<p>The R, G and B switches turn the red, green and blue beams respectively on and off. To turn off the beam, depress the switch. To turn it on, press the switch again.</p>
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25	<p>SCREEN (R, G, B) CONTROL</p> 	<p>These controls are used to adjust individual color screen bias. Used for white balance.</p>
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26	<p>DRIVE (R, B) CONTROL</p> 	<p>These controls are used to adjust individual color gain. Used for white balance.</p>
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REAR CONTROLS AND CONNECTORS

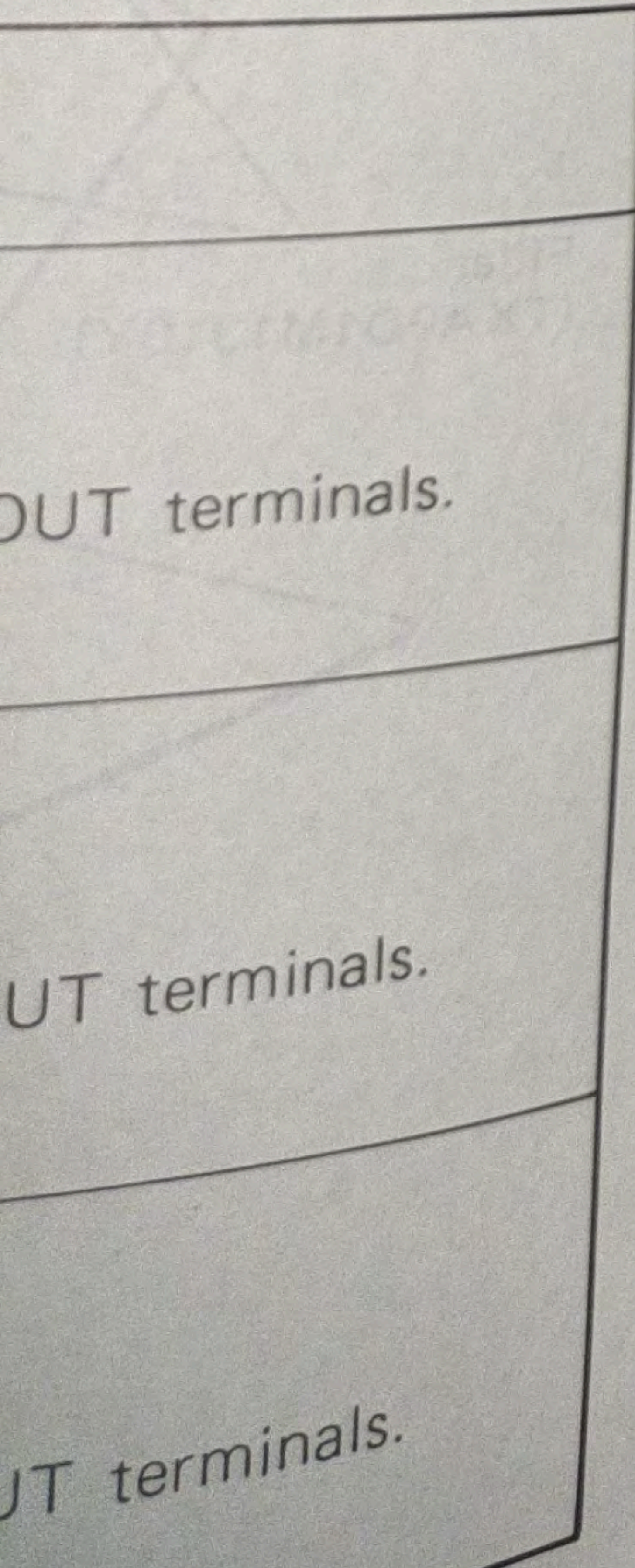
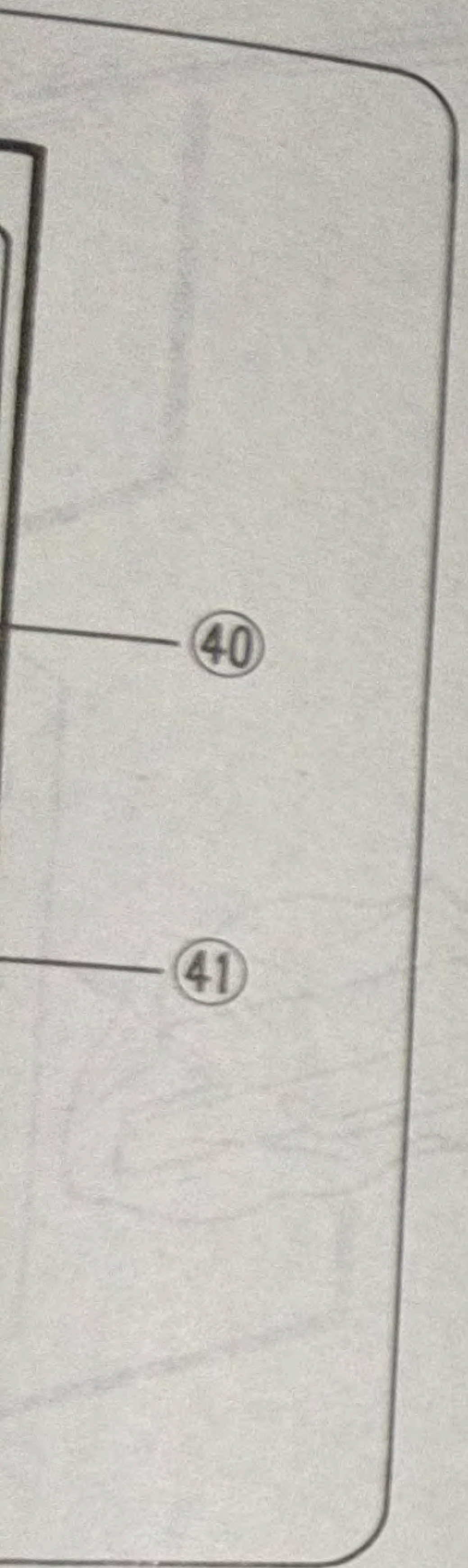
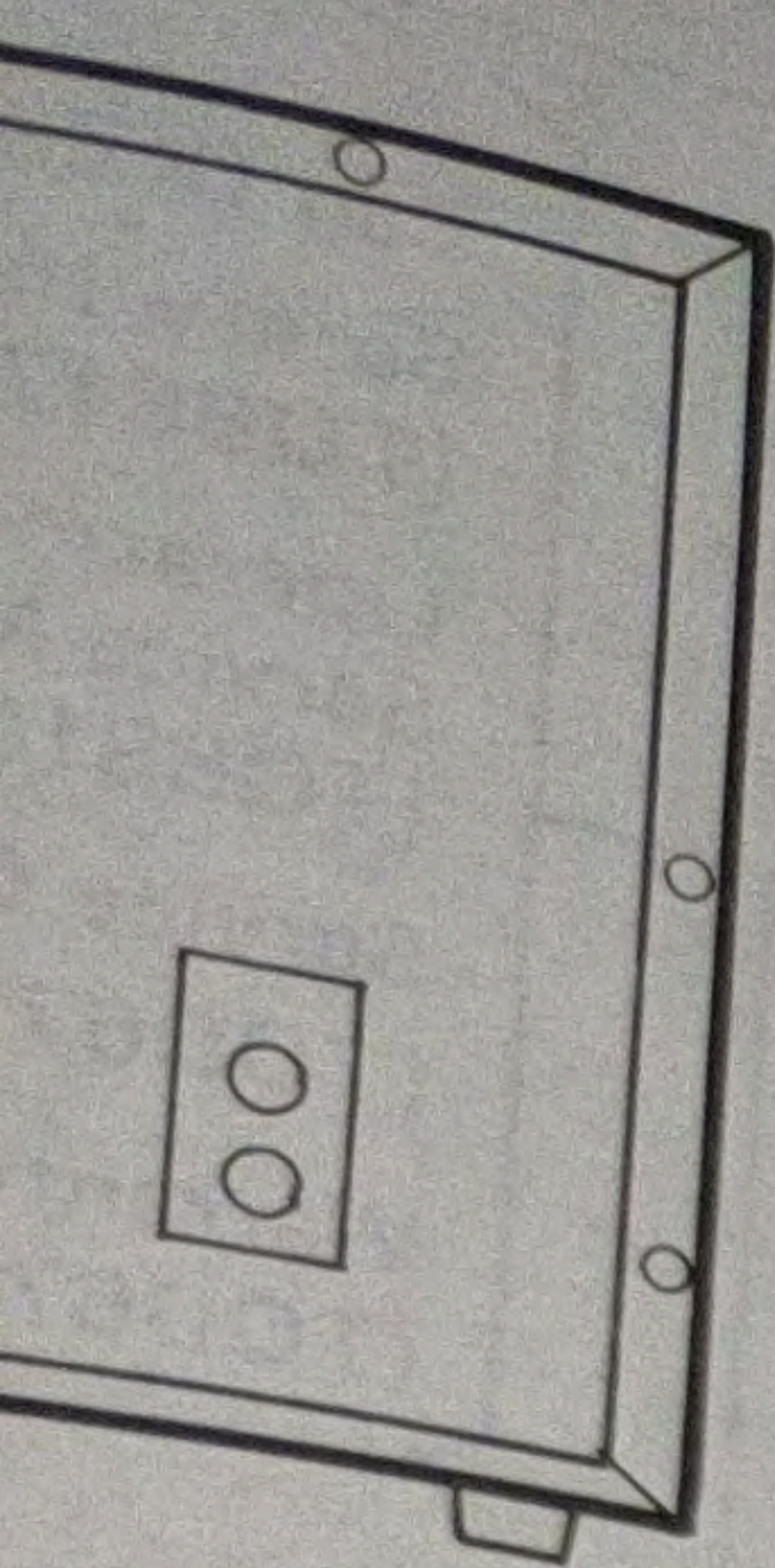


Note: □ Controls
 ○ Terminals
 ⊕ Switches

No.	NAME	PURPOSE
27	LINE A TERMINAL	<ul style="list-style-type: none"> Video signal input/output terminal (BNC). These terminals have automatic termination. When BNC connectors are connected into IN and OUT terminals. 75Ω termination will be automatically opened.
28	LINE B TERMINAL	<ul style="list-style-type: none"> Video signal input/output terminal (BNC). These terminals have automatic termination. When BNC connectors are connected into IN and OUT terminals. 75Ω termination will be automatically opened.
29	EXT. SYNC TERMINAL	<ul style="list-style-type: none"> Synchronize input/output terminal (BNC). These terminals have automatic termination. When BNC connectors are connected into IN and OUT terminals. 75Ω termination will be automatically opened.

No.	NAME	PURPOSE																				
30	R, G, B TERMINAL	<ul style="list-style-type: none"> R, G, B video signal terminals (BNC). These terminals have automatic termination. When BNC connectors are connected into IN and OUT terminals, 75Ω termination will be automatically opened. 																				
31	VTR (8 PIN) TERMINAL	<ul style="list-style-type: none"> VTR video signal input/output. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Pin No.</th> <th>Function</th> <th>Pin No.</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>_____</td> <td>5</td> <td>_____</td> </tr> <tr> <td>2</td> <td>Video signal IN</td> <td>6</td> <td>GND (IN)</td> </tr> <tr> <td>3</td> <td>GND (OUT)</td> <td>7</td> <td>_____</td> </tr> <tr> <td>4</td> <td>Video signal OUT</td> <td>8</td> <td>_____</td> </tr> </tbody> </table>	Pin No.	Function	Pin No.	Function	1	_____	5	_____	2	Video signal IN	6	GND (IN)	3	GND (OUT)	7	_____	4	Video signal OUT	8	_____
Pin No.	Function	Pin No.	Function																			
1	_____	5	_____																			
2	Video signal IN	6	GND (IN)																			
3	GND (OUT)	7	_____																			
4	Video signal OUT	8	_____																			
32	WIDTH CONTROL	<ul style="list-style-type: none"> Adjust the width of the picture. 																				
33	HEIGHT CONTROL	<ul style="list-style-type: none"> Adjust the height of the picture. 																				
34	<input type="checkbox"/> WIDTH CONTROL (Underscan)	<ul style="list-style-type: none"> Adjust the underscanned width of the picture. 																				
35	<input type="checkbox"/> HEIGHT CONTROL (Underscan)	<ul style="list-style-type: none"> Adjust the underscanned height of the picture. 																				
36	V-CENT. CONTROL	<ul style="list-style-type: none"> Adjust the vertical position of the picture. 																				
37	TALLY REMOTE TERMINAL	<p>Method A)</p> <ol style="list-style-type: none"> Supply 24V DC between Red and Black (GND) terminals. Tally lamp lights. <p>Method B)</p> <ol style="list-style-type: none"> Short-circuit between Blue and Black (GND) terminals. Tally lamp lights. <p>(It is not necessary to supply 24V DC)</p>																				

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No.	NAME	PURPOSE																				
30	R, G, B TERMINAL	<ul style="list-style-type: none"> R, G, B video signal terminals (BNC). These terminals have automatic termination. When BNC connectors are connected into IN and OUT terminals, 75Ω termination will be automatically opened. 																				
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37	TALLY REMOTE TERMINAL	<p>Method A)</p> <ol style="list-style-type: none"> Supply 24V DC between Red and Black (GND) terminals. Tally lamp lights. <p>Method B)</p> <ol style="list-style-type: none"> Short-circuit between Blue and Black (GND) terminals. Tally lamp lights. (It is not necessary to supply 24V DC) 																				

No.	NAME	PURPOSE												
38	H. CENT. CONTROL	<ul style="list-style-type: none"> Adjust the horizontal position of the picture. 												
39	V-HOLD CONTROL	<ul style="list-style-type: none"> Adjust the vertical-hold control and set it at a point where vertical movement is stopped. 												
40	S-VIDEO INPUT TERMINAL	<ul style="list-style-type: none"> Luminance signal and chroma signal input terminal (4 pin). <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Function</th> <th>Pin No.</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND (Luminance)</td> <td>3</td> <td>Chroma</td> </tr> <tr> <td>2</td> <td>Luminance</td> <td>4</td> <td>GND (Chroma)</td> </tr> </tbody> </table>	Pin No.	Function	Pin No.	Function	1	GND (Luminance)	3	Chroma	2	Luminance	4	GND (Chroma)
Pin No.	Function	Pin No.	Function											
1	GND (Luminance)	3	Chroma											
2	Luminance	4	GND (Chroma)											
41	S-VIDEO OUTPUT TERMINAL	<ul style="list-style-type: none"> Luminance signal and chroma signal output terminal (4 pin). <table border="1"> <thead> <tr> <th>Pin No.</th> <th>Function</th> <th>Pin No.</th> <th>Function.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GND (Luminance)</td> <td>3</td> <td>Chroma</td> </tr> <tr> <td>2</td> <td>Luminance</td> <td>4</td> <td>GND (Chroma)</td> </tr> </tbody> </table>	Pin No.	Function	Pin No.	Function.	1	GND (Luminance)	3	Chroma	2	Luminance	4	GND (Chroma)
Pin No.	Function	Pin No.	Function.											
1	GND (Luminance)	3	Chroma											
2	Luminance	4	GND (Chroma)											
42	8 PIN S-VIDEO SELECTOR INPEADANCE SELECTOR SWITCH	<ul style="list-style-type: none"> 8P (VTR) and S-Video terminal selector switch. When bridging or looping through the S-Video signals, set this switch at High position, and for other cases this switch should be set at 75Ω position. 												

DAILY ADJUSTMENT

Degaussing

Variation in the purity of the monitor due to the monitor is controlled as much as possible. If for any reason the monitor is moved, degauss the cathode-ray tube according to the procedure given below.

- The power supply is on as soon as the power switch is turned on. The light emitting diode located above the power switch light to indicate that the power supply is on.
- Push the degaussing switch located on the front panel for not less than 10 seconds. During this operation, the magnetization of the cathode-ray tube disappear. If the switch is released before 10 seconds elapse, the cathode-ray tube will become magnetized instead of becoming degaussed. Be sure to keep the switch down longer than 10 seconds.
If the switch is released before 10 seconds elapse, no degaussing is possible even if the switch is pushed again. Wait for 2 or 3 minutes before degaussing again.
- If the facility has its own separate degaussing coil (degausser), use it. This is the ideal degaussing operation. In this operation, line voltage of AC is applied to the degausser. It should be moved close to the screen and moved in a circle two or three times directly in front of the screen. Then the degausser is slowly moved away from the screen and the power to the degausser is turned off when it is over 2m (6 feet) from the screen.

GENERAL ADJUSTMENT

Under normal operating conditions, the specified performance of the monitor can be obtained by operating the controls located on the front of the monitor.

In case specified performance is not obtainable, refer to measurements and adjustments.

PACKING

