

STEREO MIGRO CASSETTE DECK

SPECIFICATIONS

Tape
Recording system

fast winding time

Frequency response

Wow and flutter Signal-to -noise ratio

Inputs

Outputs

(MICROCASSETTE) TM

4-track 2-channel stereo

Approx. 2 min. with Sony Microcassette

MC-60

With a metal cassette (Sony METALLIC)

20 - 13,000 Hz 30 - 12,000 Hz (±3 dB)

With a normal cassette (Sony HF) 20 - 12,000 Hz

30 - 10,000 Hz (±3 dB) 0.08% WRMS

With a metal cassette: 47 dB
With a normal cassette: 45 dB
Microphone input (stereo minijack)
Sensitivity 0.25 mV (-70 dB)
For a low-impedance microphone
Line inputs (phono jacks)
Sensitivity 77.5 mV (-20 dB)
Input impedance 50 k ohms

Line outputs (phono jacks)
Output level 0.435 V (-5 dB) at load

impedance 50 k ohms
Headphone output (stereo minijack)
Maximum output level -2 dB

at a load impedance of 32 ohms

General

Dimensions

Weight

Power requirements

3 V dc, two batteries size D (IEC designation R20)

DC IN 4.5 V jack accepts;

AC power adaptor

•AC-120 W (supplied with the USA model) for use on

120 V ac, 60 Hz

•AC-122 (optional) available in the United-Kingdom and

European countries

for use on 110, 127, 220 or 240 V ac

adjustable, 50 Hz

 AC-122 (optional) available in other countries for use on 110, 120, 220 or 240 V ac, adjustable,

50/60 Hz

Car battery cord (optional)

•DCC-127A for use on 12 V car battery

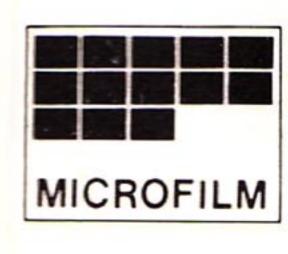
Approx. $215 \times 95 \times 120 \text{ mm (w/h/d)}$ $(8^{1/2} \times 3^{3/4} \times 4^{3/4} \text{ inches)}$

incl. projecting parts and controls

Approx. 1.1 kg (2 lb 4 oz)

incl. batteries

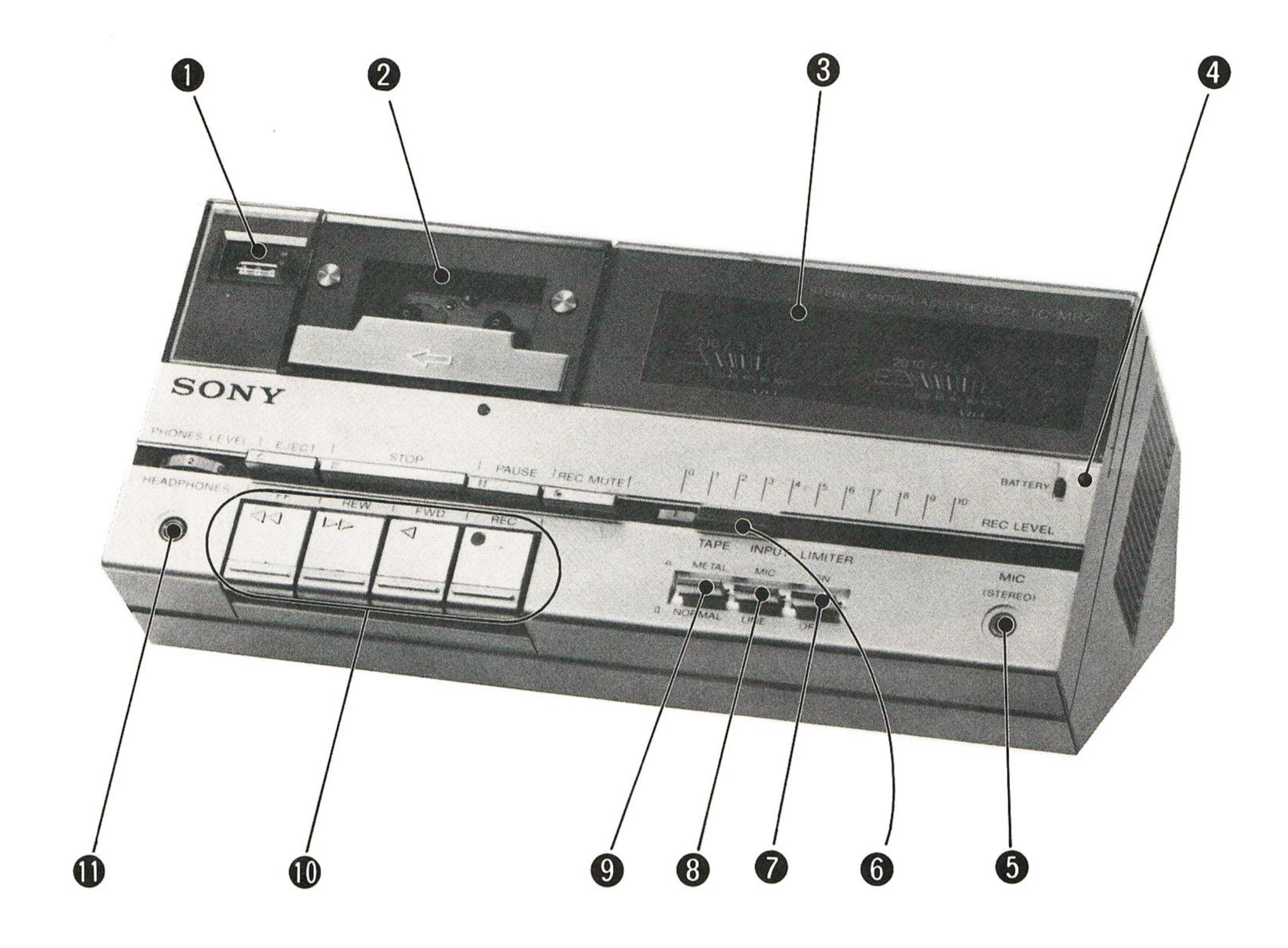
0 dB = 0.775 V





SECTION 1 OUTLINE

1-1. LOCATION OF CONTROLS



Tape counter and reset button

The tape counter provides a numerical reference point while recording which can be used to index a recorded cassette.

To reset to zero, press the reset button.

2 Cassette holder

VU meters

These meters show the input level of each channel during recording, and the recorded levels during playback.

O BATTERY indicator

While the deck is in battery operation, the indicator lights. If the batteries become weak, the indicator will glow faintly.

(STEREO) (microphone) jack

Stereo minijack for stereo recording.

© REC LEVEL (recording level) control

This lever adjusts the recording level of the left and right channels at the same time.

O LIMITER switch

Depress this switch (=ON) after setting the recording level to prevent any sudden, high input signal from saturating the tape.

3 INPUT select switch

To record through the (STEREO) jack, depress this switch (\pm MIC). To record through the LINE IN jacks, press this switch again to release it (\pm LINE).

1 TAPE select switch

To use a metal tape, depress this switch (\square METAL). To use a normal tape, press this switch again to release it (\square NORMAL). When this switch is correctly set, the optimum bias current adjustment for recording and the optimum equalization adjustment for both recording and playback are set.

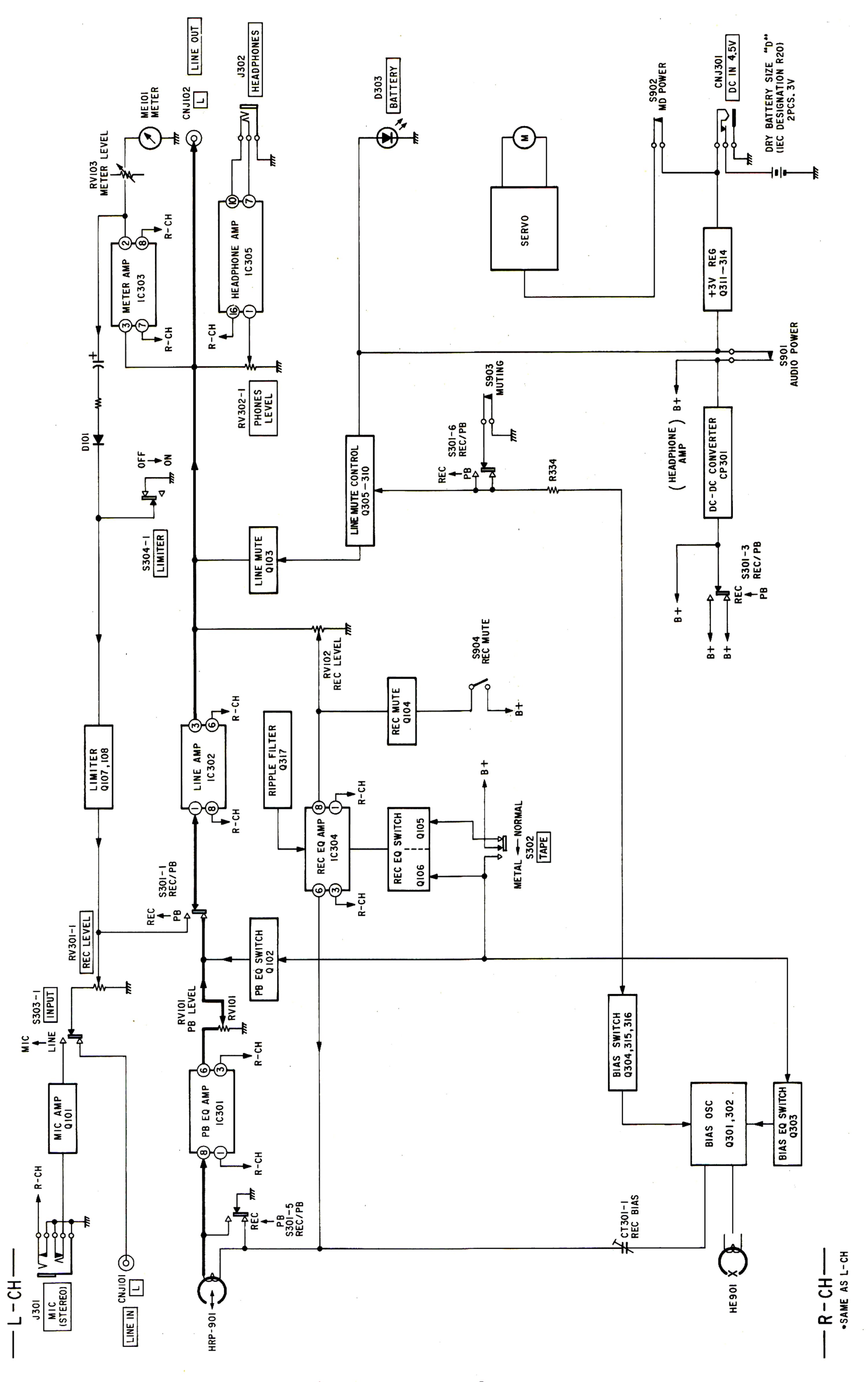
@ Function buttons

- EJECT button: Press this button to open the cassette holder.
- STOP button: To stop the tape, press this button.
- PAUSE button: To pause for a moment during recording or playback, depress this button. To release, press it again.
- OREC MUTE: Hold this button down to insert a blank space during recording.
- FF (fast-forward) button: Depress this advance the tape rapidly.
- REW (rewind) button: Depress this button to rewind the tape.
- FWD (forward) button: Depress this button to play the tape back.
- ●REC (record) button: Depress this button to record. The ◀ FWD button will be automatically depressed at the same time.

10 HEADPHONES jack and PHONES LEVEL control

Stereo minijack for connecting stereo headphones to monitor the input signals to be recorded or to listen to a recording in the playback mode.

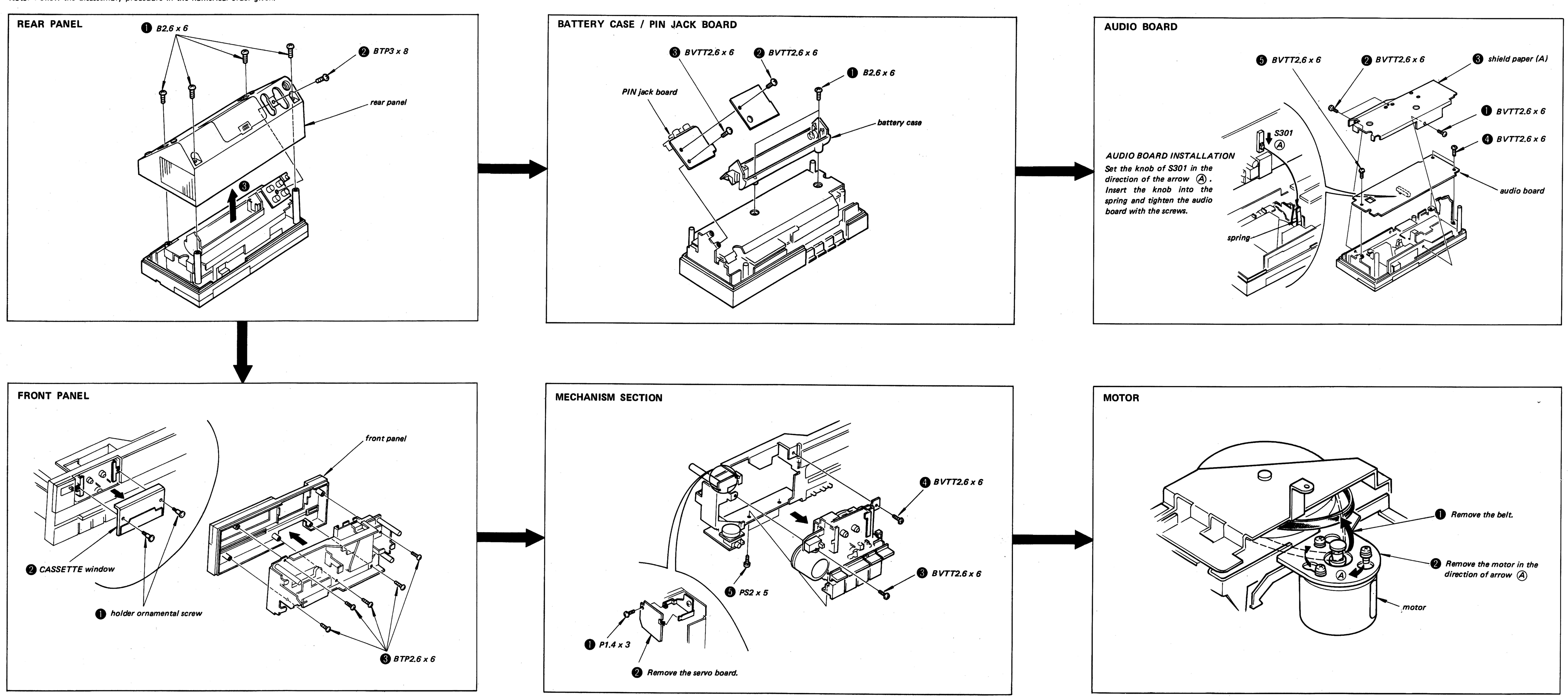
The PHONES LEVEL control adjusts the headphone volume. At "0" position, the sound is not audible.



www.hifiengine.com

SECTION 2 DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.



SECTION 3 ADJUSTMENTS

3-1 MECHANICAL ADJUSTMENT

PRECAUTION

1. Clean the following parts with a denaturedalcohol-moistened swab:

record/playback head erase head

pinch roller rubber belts

capstan

idlers

- 2. Demagnetize the record/playback head with a head demagnetizer.
- 3. Do not use a magnetized screwdriver for the adjustments.
- 4. After the adjustments, apply suitable locking compound to the parts, adjusted.
- 5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Wow and Flutter Measurement

Apply and load standard tape WS-24. (TAPE SPEED: 2,4 cm/s)

Specification: within 0.08 % (WRMS)

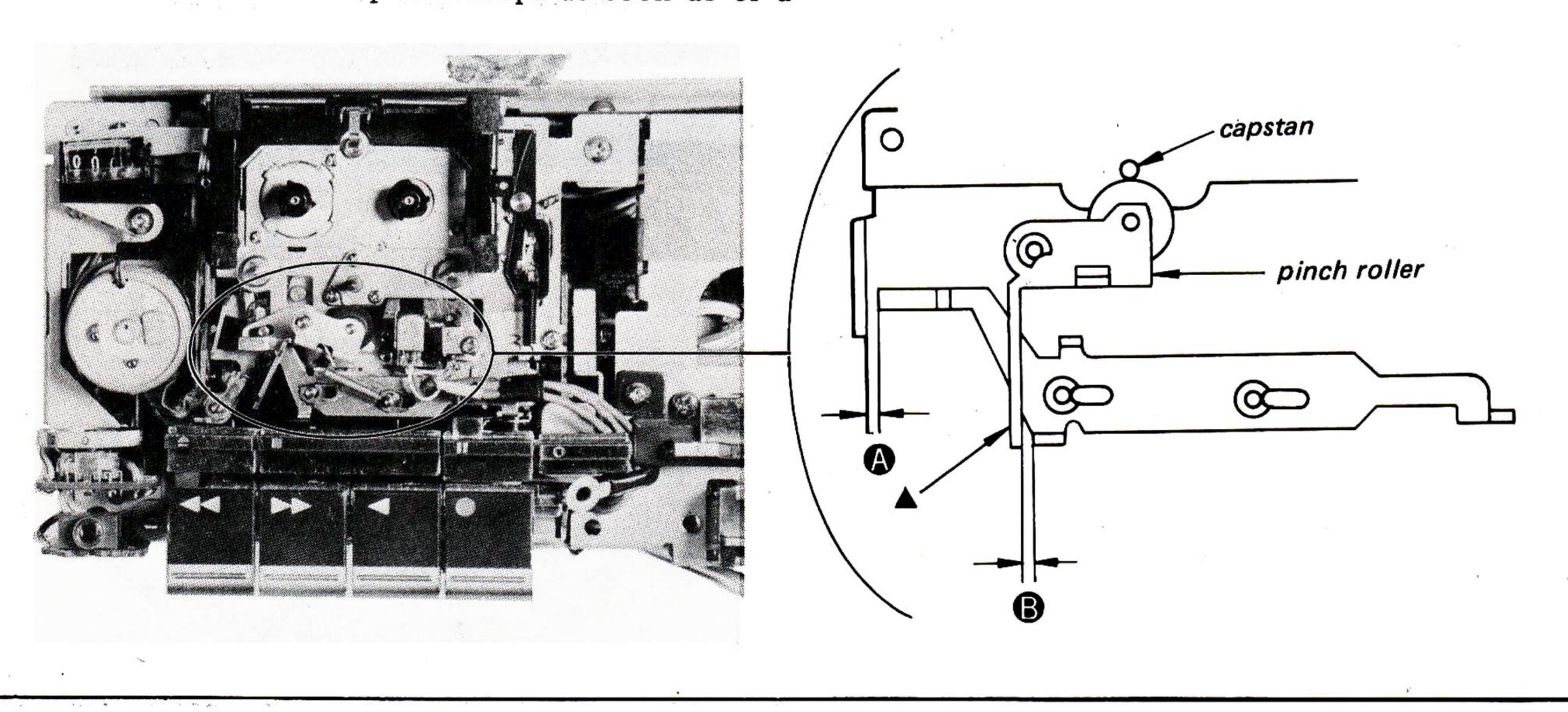
Torque and Pinch Roller Pressure Measurement

	Specifications	Test Equipment
Forward Torque	5-10 g·cm (0.07-0.13 oz·inch)	Sony torque meter CQ-103M
Fast Forward Torque	more than 15 g·cm (0.21 oz·inch)	Sony torque meter CQ-201M
Rewind Torque	more than 15 g·cm (0.21 oz·inch)	Sony torque meter CQ-201M
Pinch Roller Pressure	120 ±20 g (4.2 ±0.64 oz)	Spring scale or tension gauge

Pause Timing Adjustment

- 1. Mode: Forward

 Confirm that clearance is within 0.2-1.5mm.
- 2. Bend portion marked ▲ so that clearance ❸ equals clearance ④
- 3. Slowly depress the PAUSE pushbutton and confirm that the take-up reel stops as soon as or a
- little after the pinch roller leaves the capstan.
- 4. Slowly depress and release the PAUSE pushbutton. At this time, confirm that clearance and are the same even after the pause mode is released.



3-2. ELECTRICAL ADJUSTMENTS

Note: The adjustment should be performed in the order given in this service manual.

The adjustments should be performed for both L-CH and R-CH.

• Set the TAPE switch according to the tape as follows.

Tape	Switch
CS-50	NORMAL
CS-56	METAL

 Switches and controls should be set as follows unless otherwise specified.

TAPE switch:

NORMAL

LIMITER switch:

OFF

• Standard Record:

Deliver the standard input signal level to the input jack and set the REC LEVEL control to obtain the standard output signal level.

Standard Input Level

	MIC	LINEIN	
source impedance	300 Ω	10 kΩ	
input level	0.77 mV (-60 dB)	0.25 V (-10 dB)	

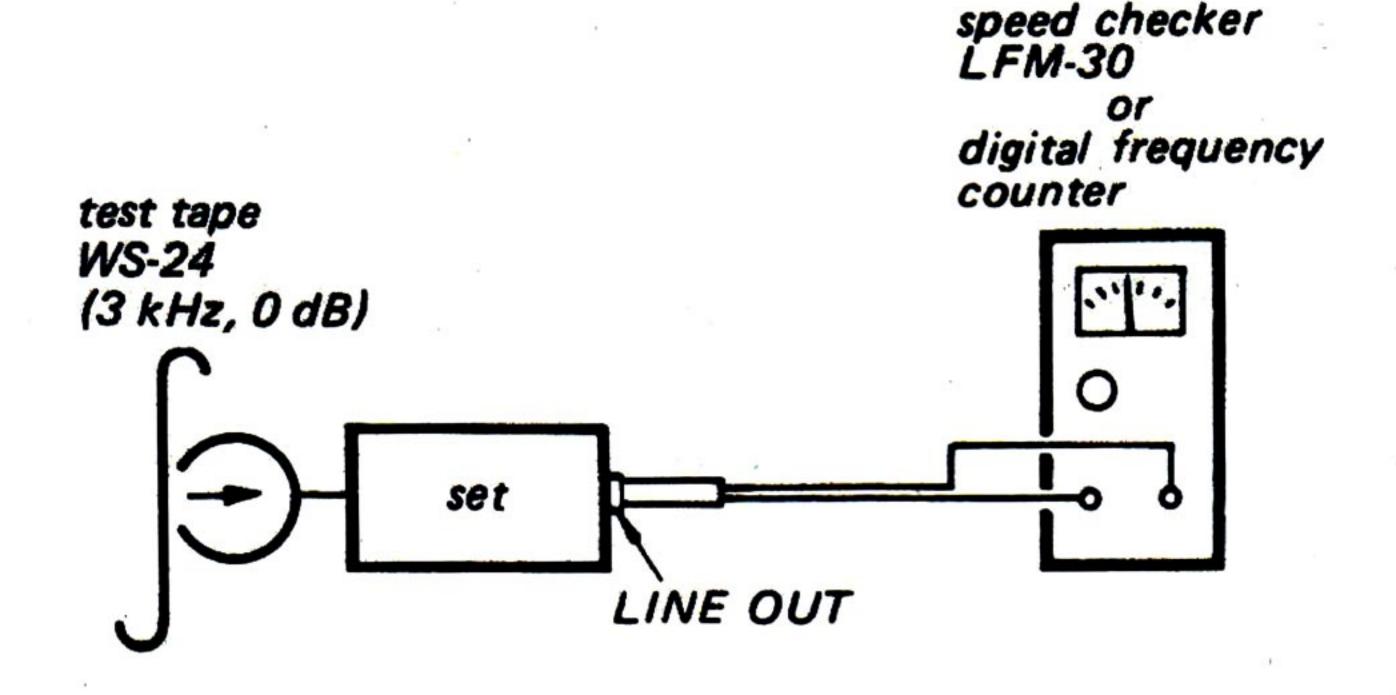
Standard Output Level

	LINE OUT	HEAD- PHONES
load impedance	47 kΩ	32 Ω
output level	0.44 V (-5 dB)	0.25 mV (-10 dB)

Tape Speed Adjustment

Procedure:

Mode: playback



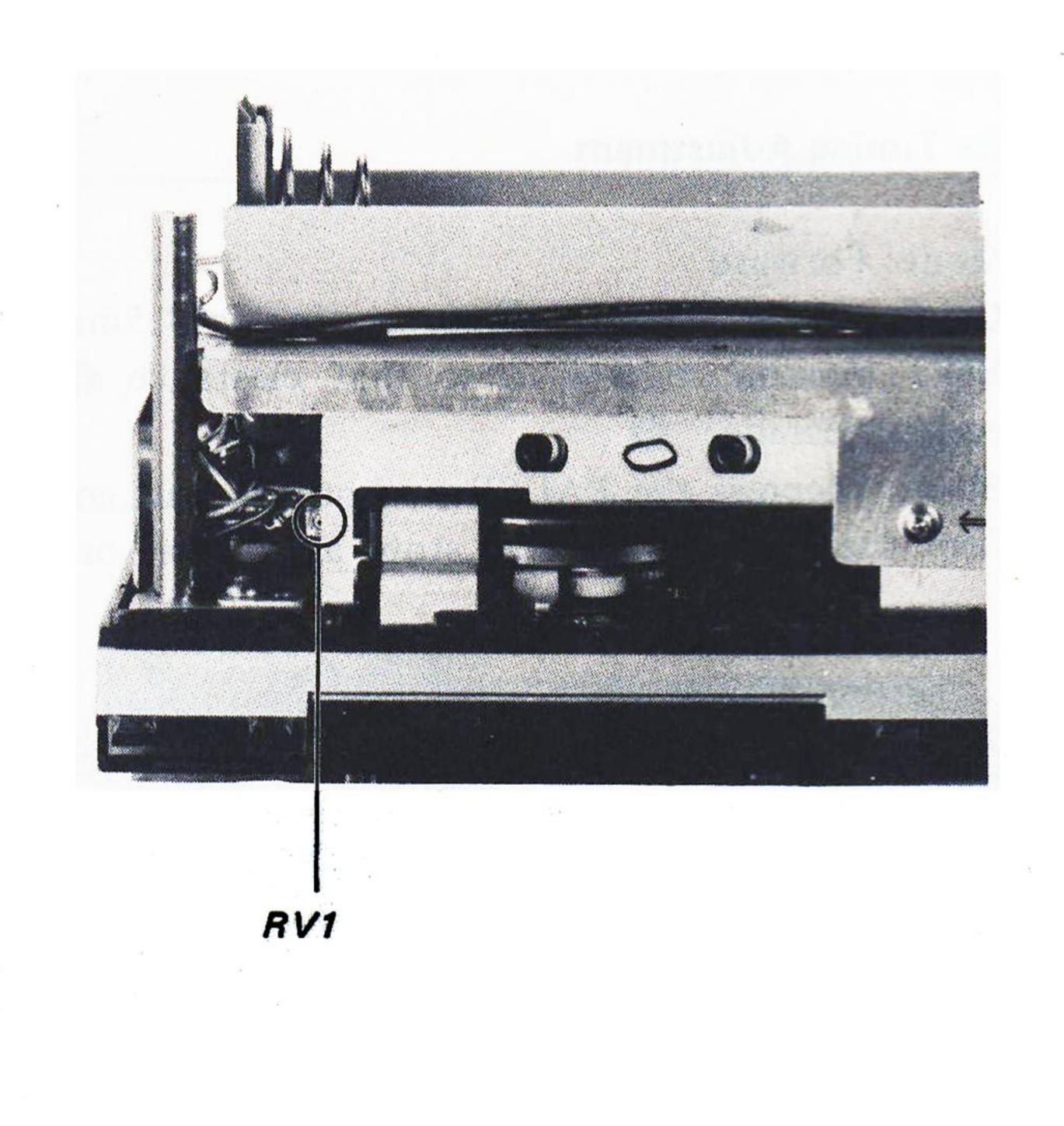
Specification:

Speed checker	Digital frequency counter
-1%-+1%	2,970 - 3,030 Hz

Frequency difference between the beginning and the end of the tape should be within 2 % (60 Hz).

Adjustment Location:

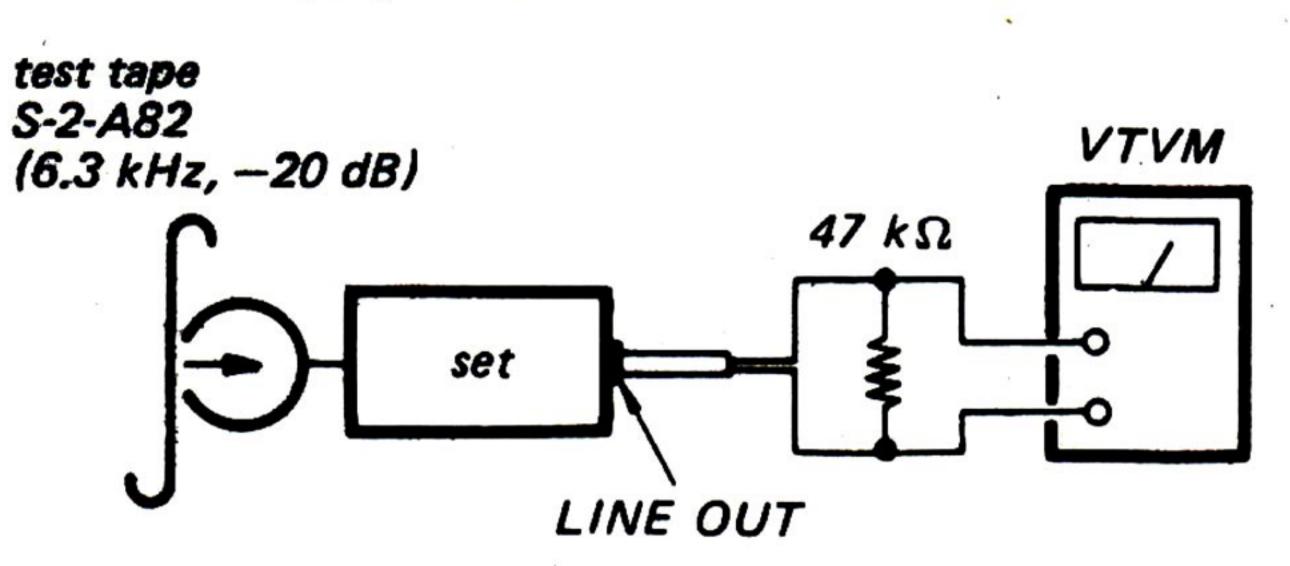
- servo amp board -



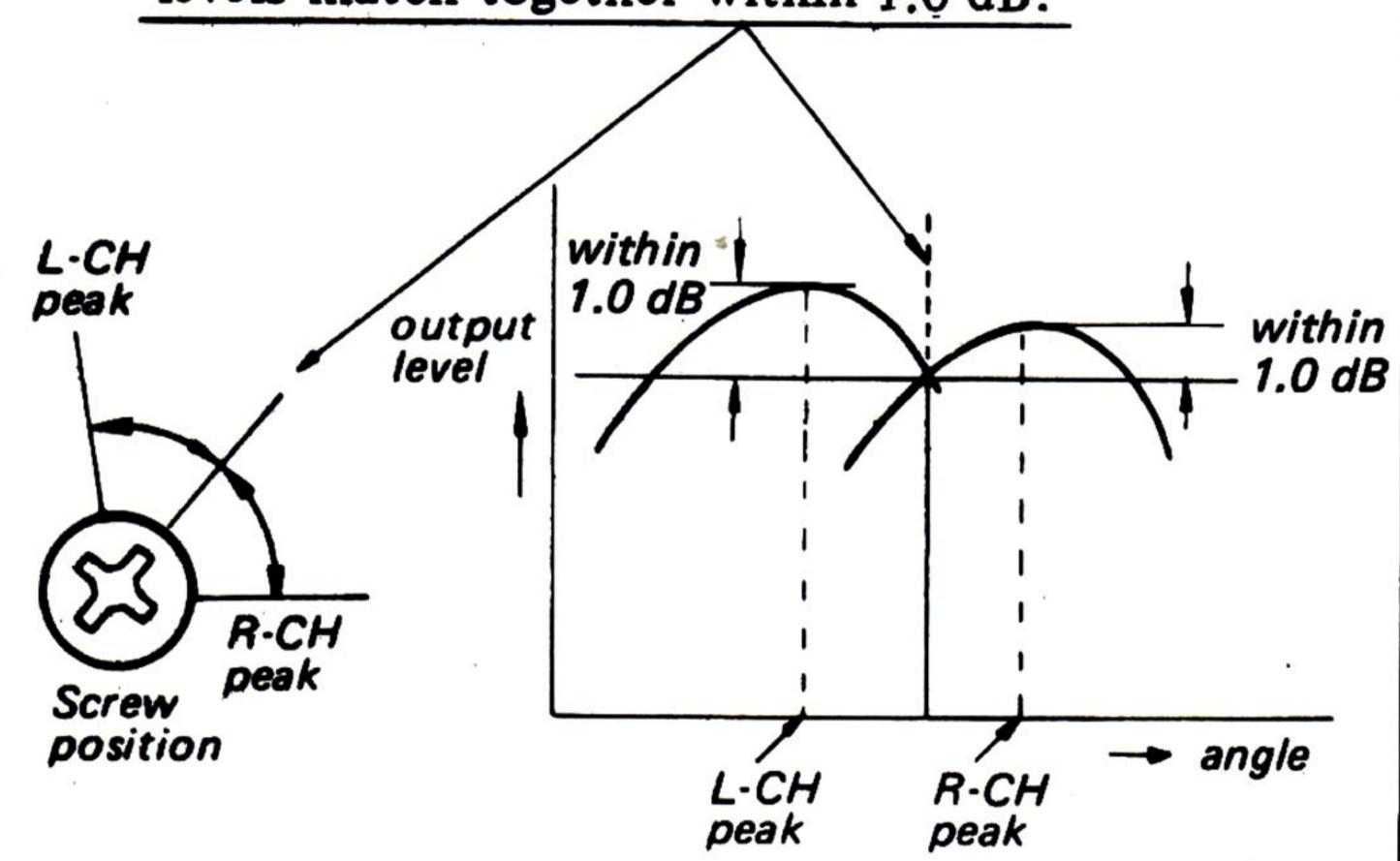
Record/playback Head Azimuth Adjustment

Procedure:

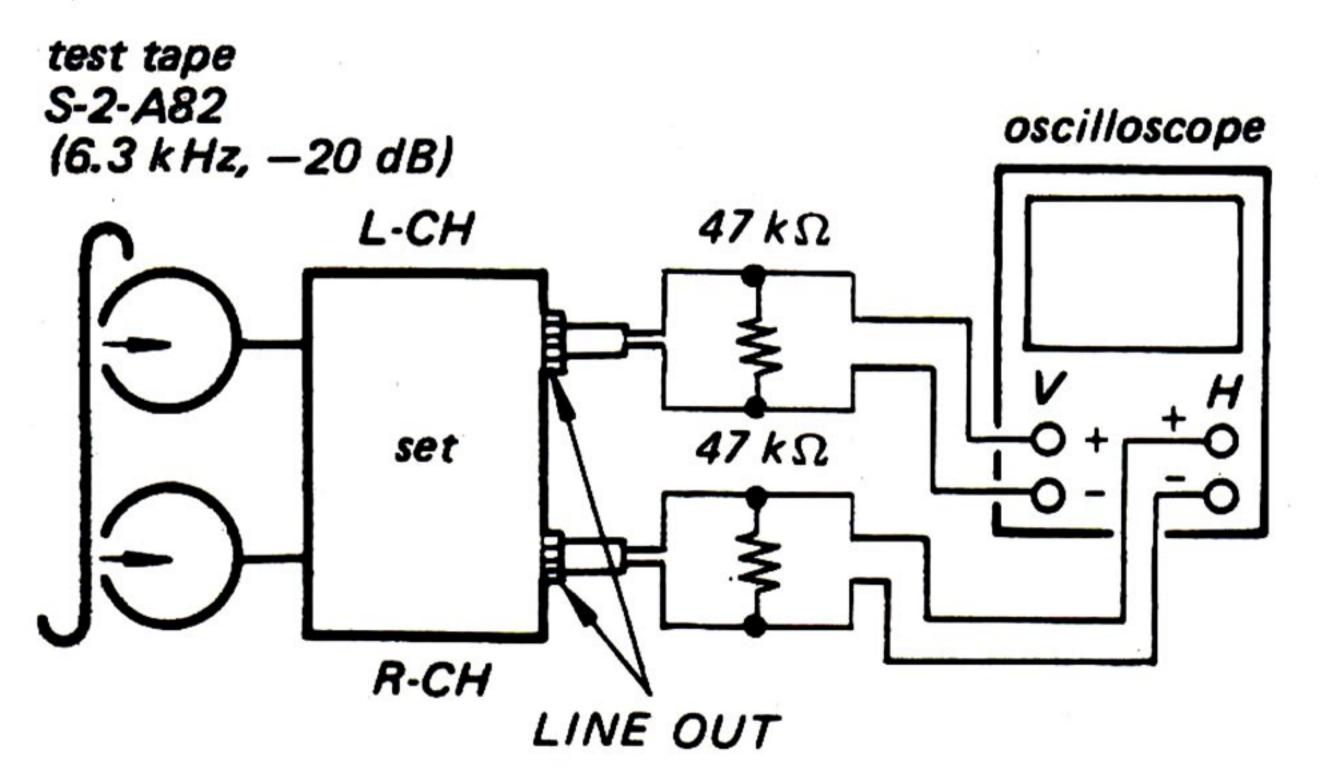
1. Mode: playback

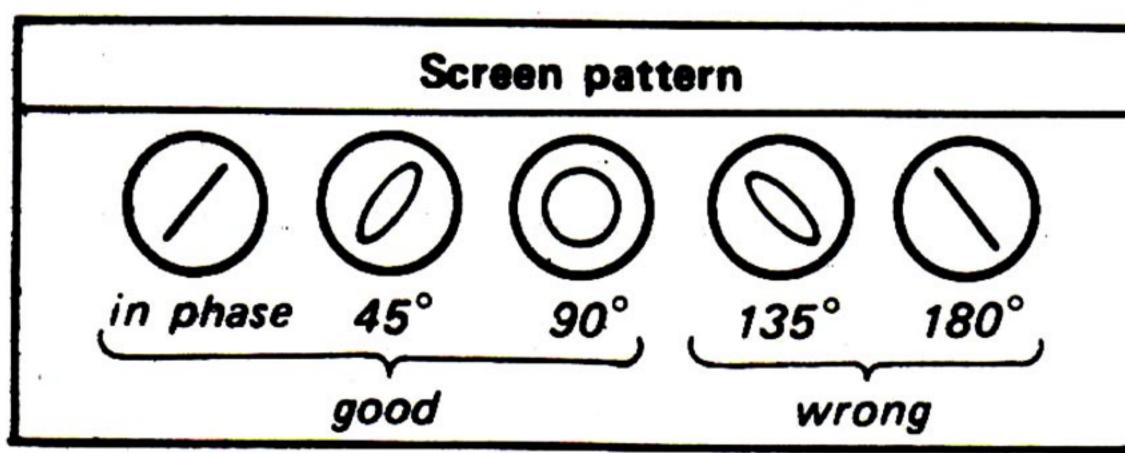


2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1.0 dB.

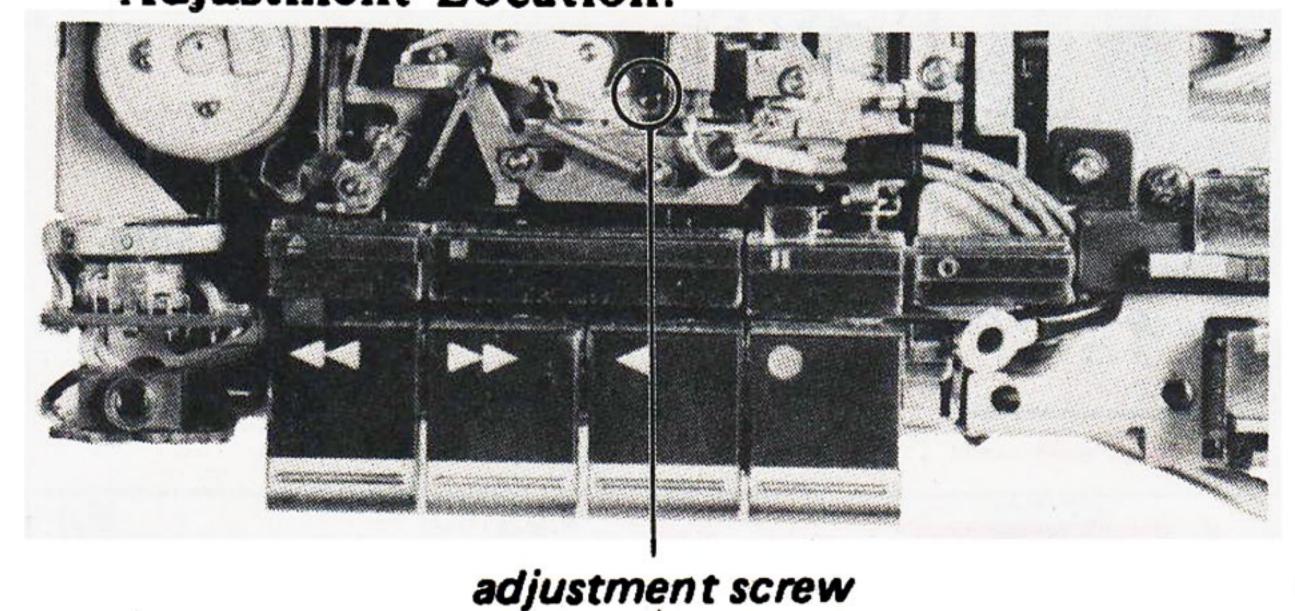


3. Phase Check
Mode: playback





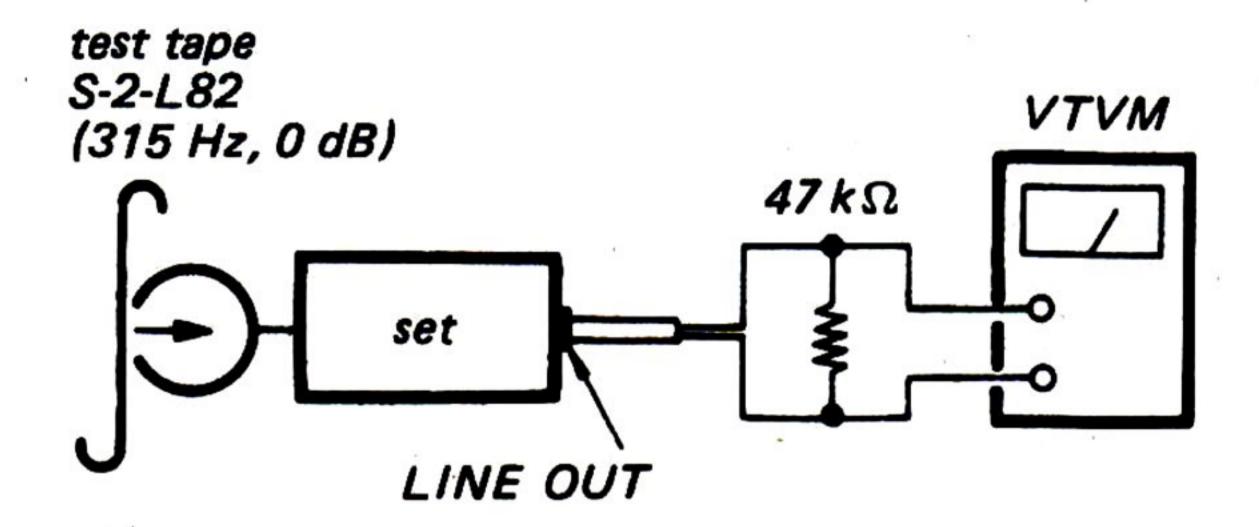
Adjustment Location:



Playback Level Adjustment

Procedure:

Mode: Playback



Specification:

LINE OUT level:

0.41 - 0.46 V

(-5.5 to -4.5 dB)

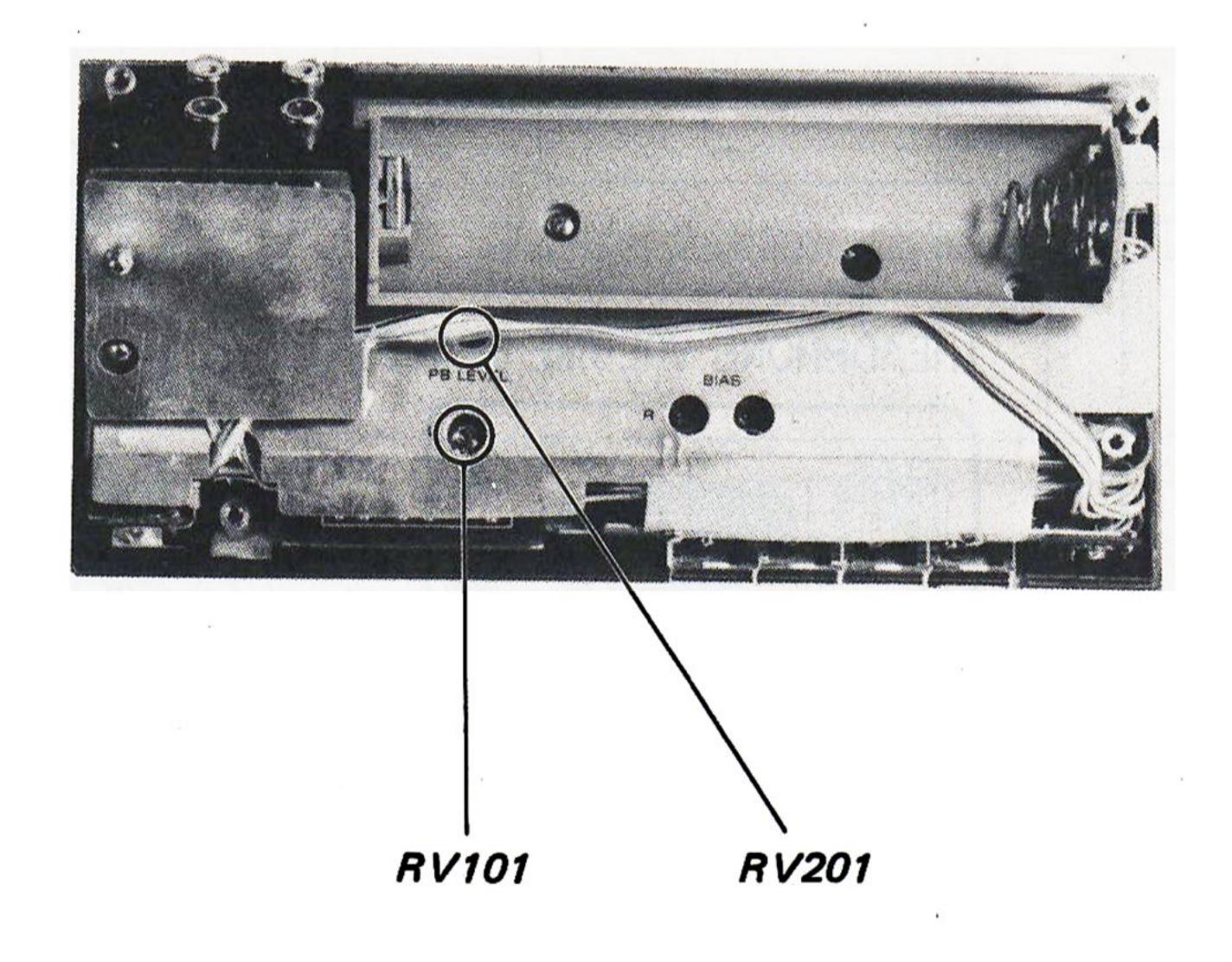
Level difference between channels:

less than 0.5 dB

Check that the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times.

Adjustment Location:

- AUDIO board -



Record Bias Adjustment

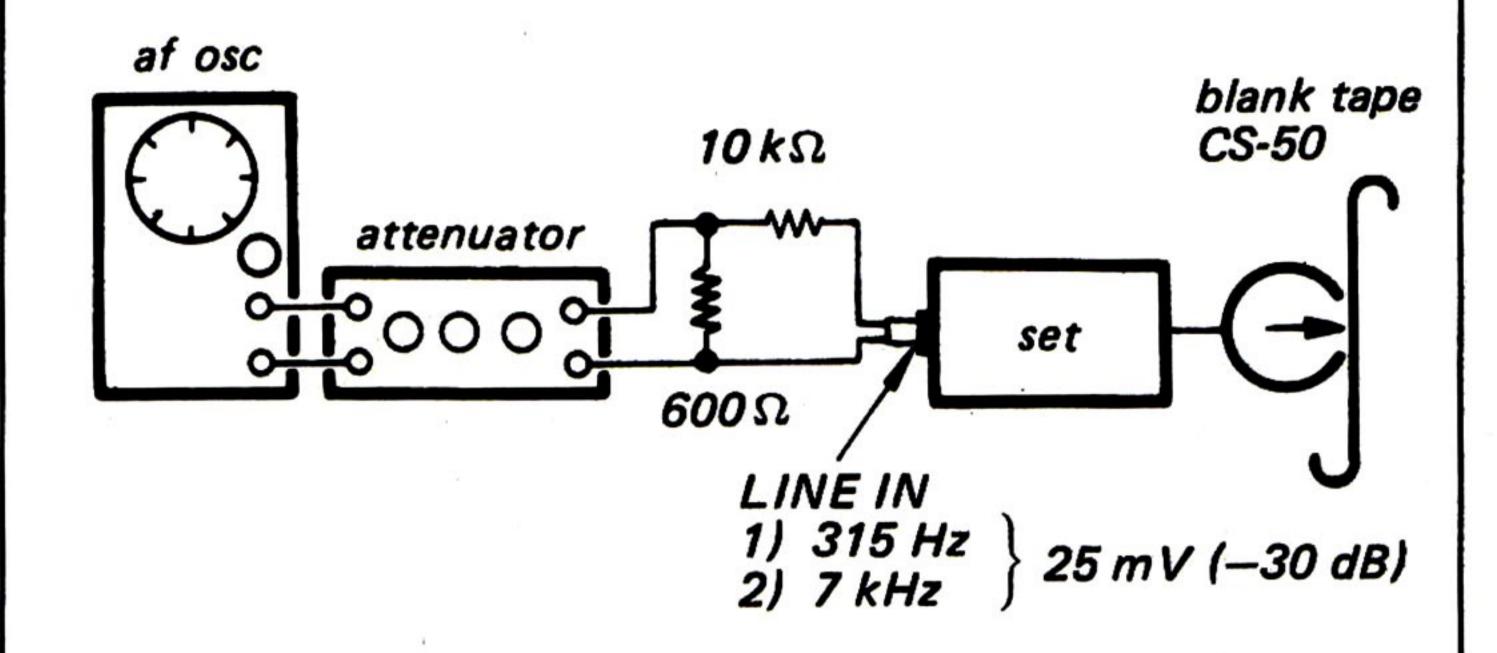
Setting:

REC LEVEL control: standard record

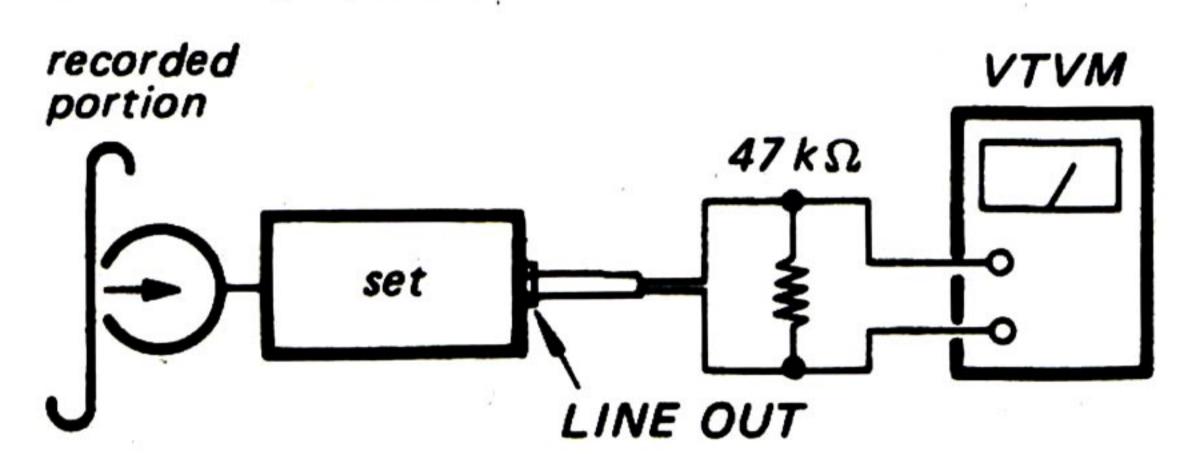
(See page 8.)

Procedure:

1. Mode: record



2. Mode: playback

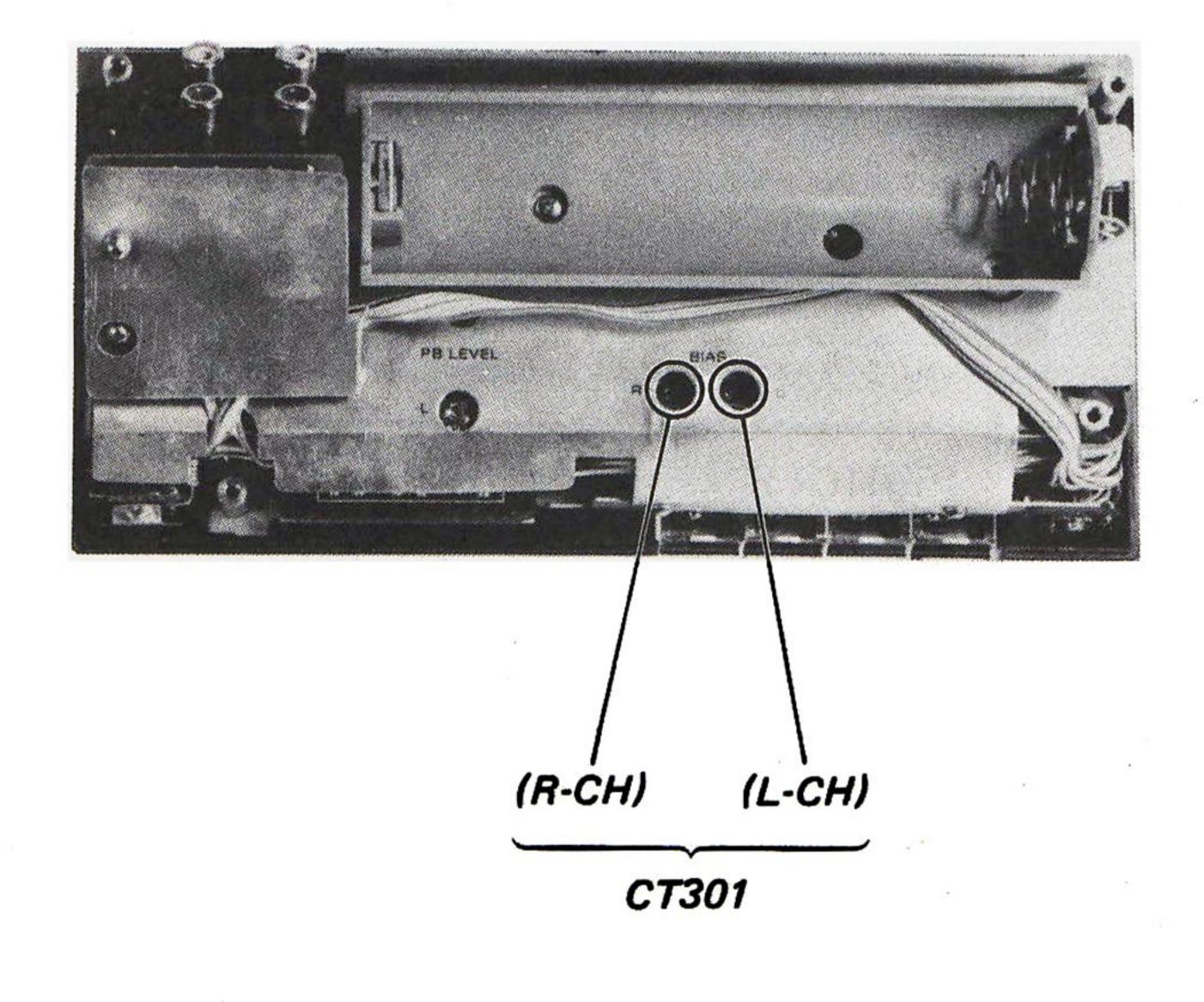


Confirm that the LINE OUT level of 7 kHz signal is 0 dB relative to that of 315 Hz.

If necessary, adjust CT301.

Adjustment Location:

- AUDIO board -



Record Level Adjustment

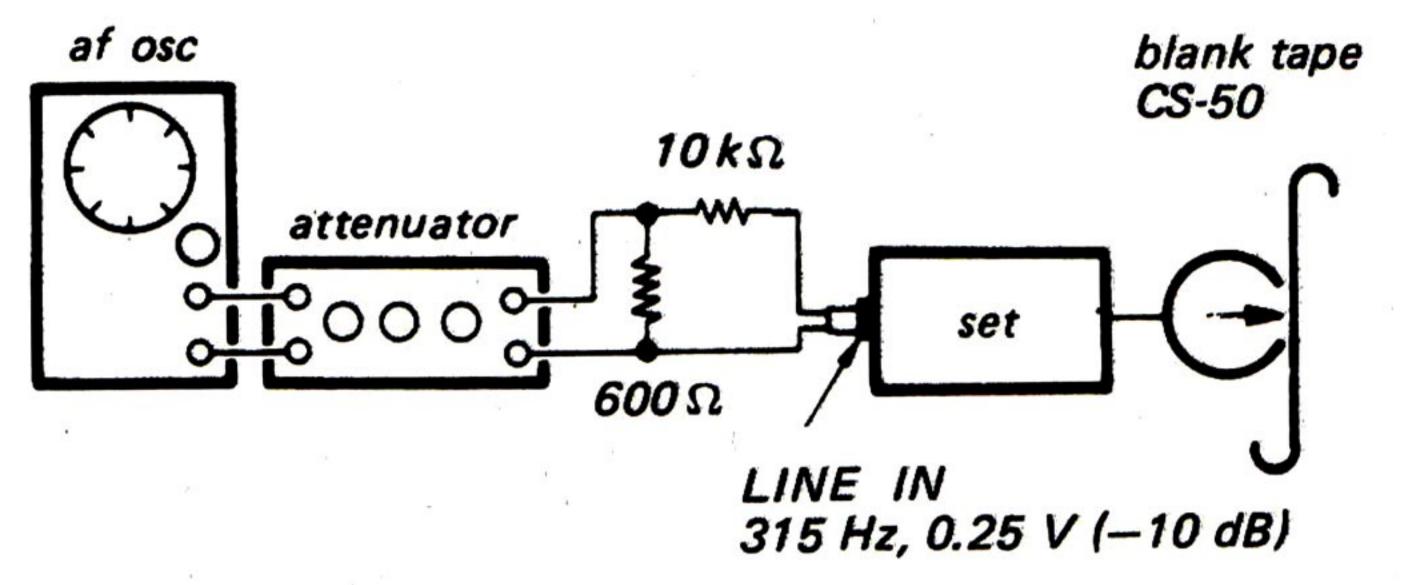
Setting:

REC LEVEL control: standard record

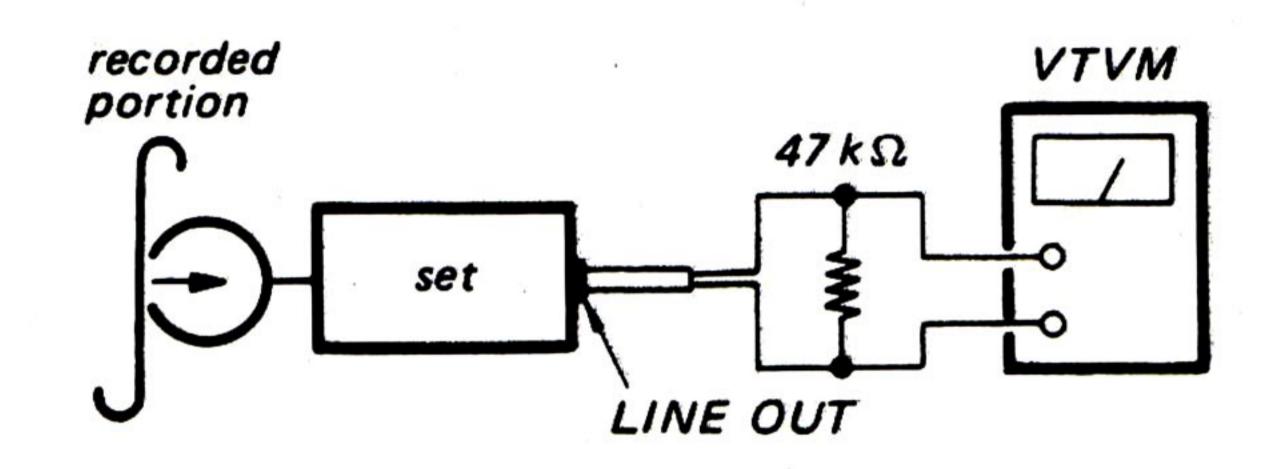
(See page 8.)

Procedure:

1. Mode: record



2. Mode: playback

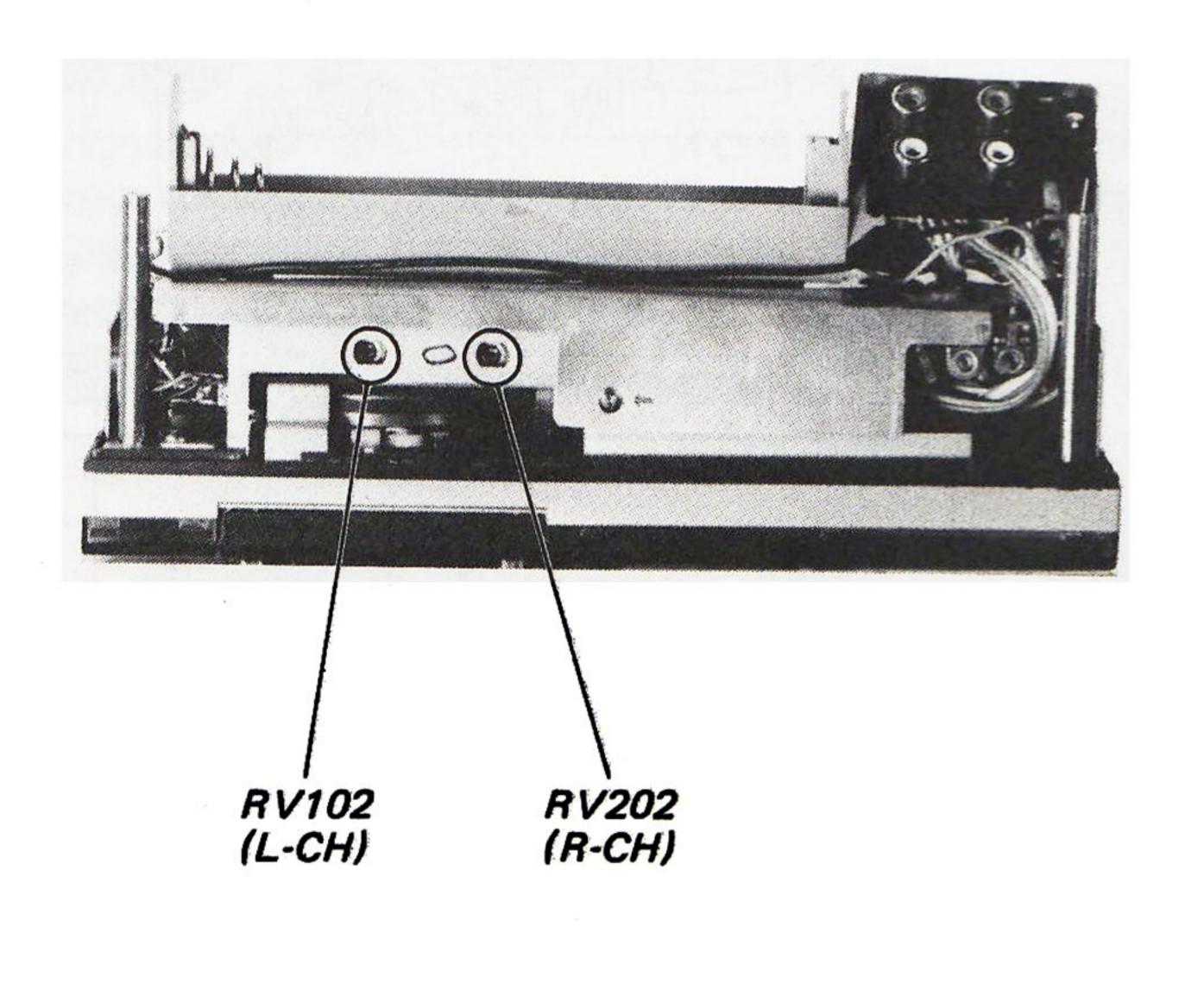


Specification:

LINE OUT level: 0.41 - 0.46 V (-5.5 to -4.5 dB)

Adjustment Location:

- AUDIO board -



Level Meter Calibration

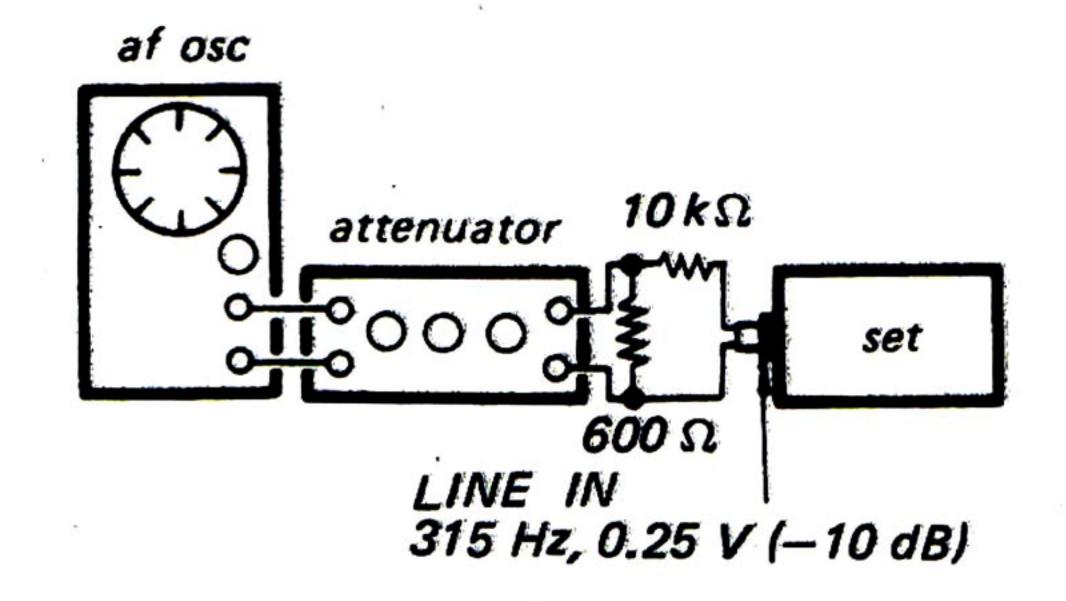
Setting:

REC LEVEL control: standard record

(See page 8.)

Procedure:

1. Mode: record

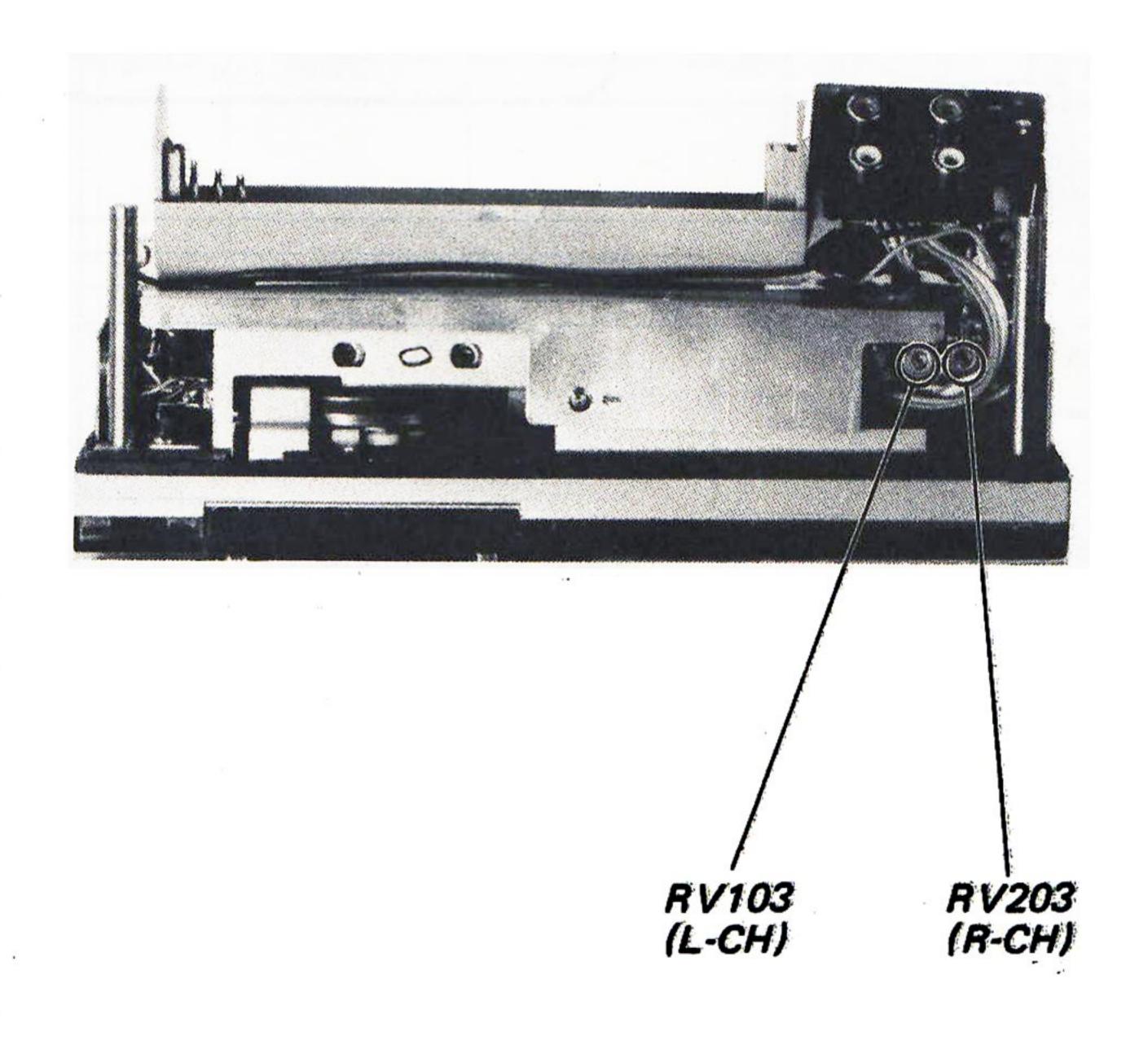


Specification:

LEVEL meter indication: 0 ±0.5 VU dB

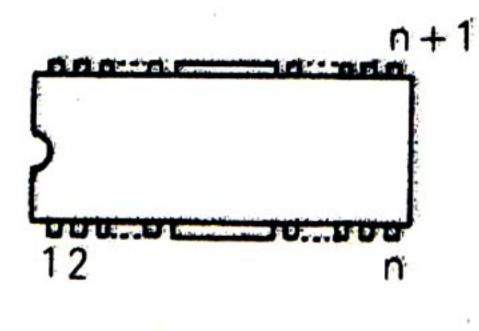
Adjustment Location:

- AUDIO board -



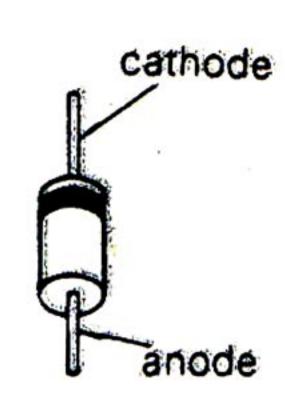
3-3. SEMICONDUCTOR LEAD LAYOUTS

NJM4558S TA7688F

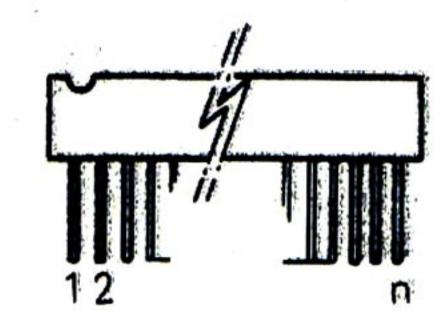


(Top view)

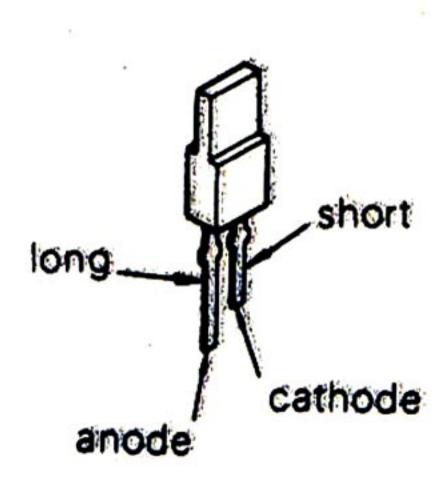
ISS 106 HZ6AIL 10E-2



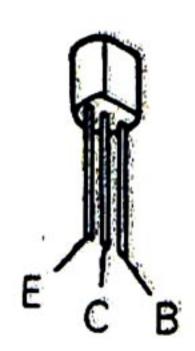
BA328



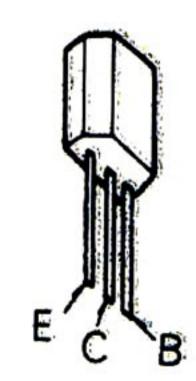
GL-9PRIO



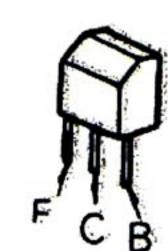
2SC1345 2SC1364-8 2SC2001 2SC1364 2SA952 2SC945

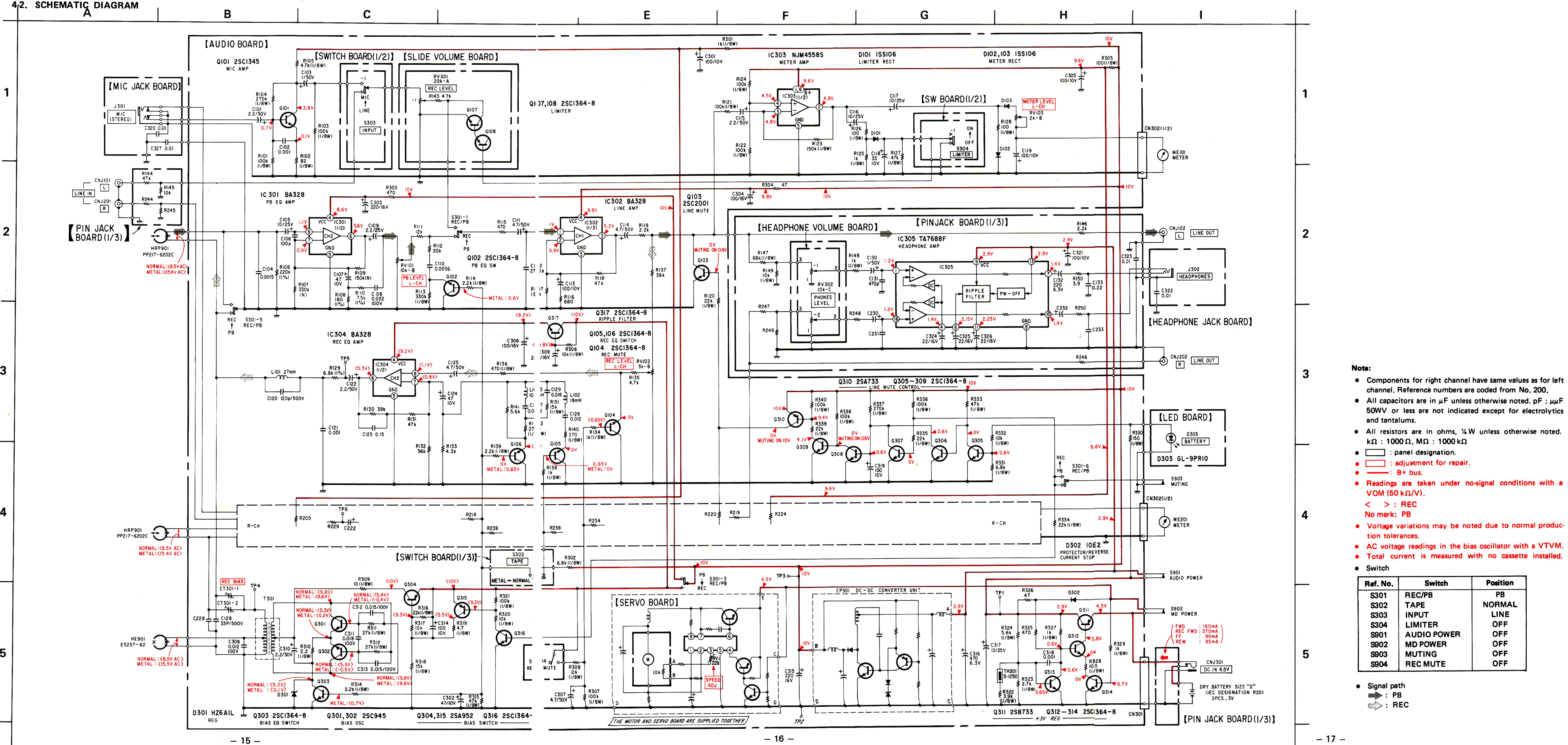


2SA1027R 2SA733



2SB733



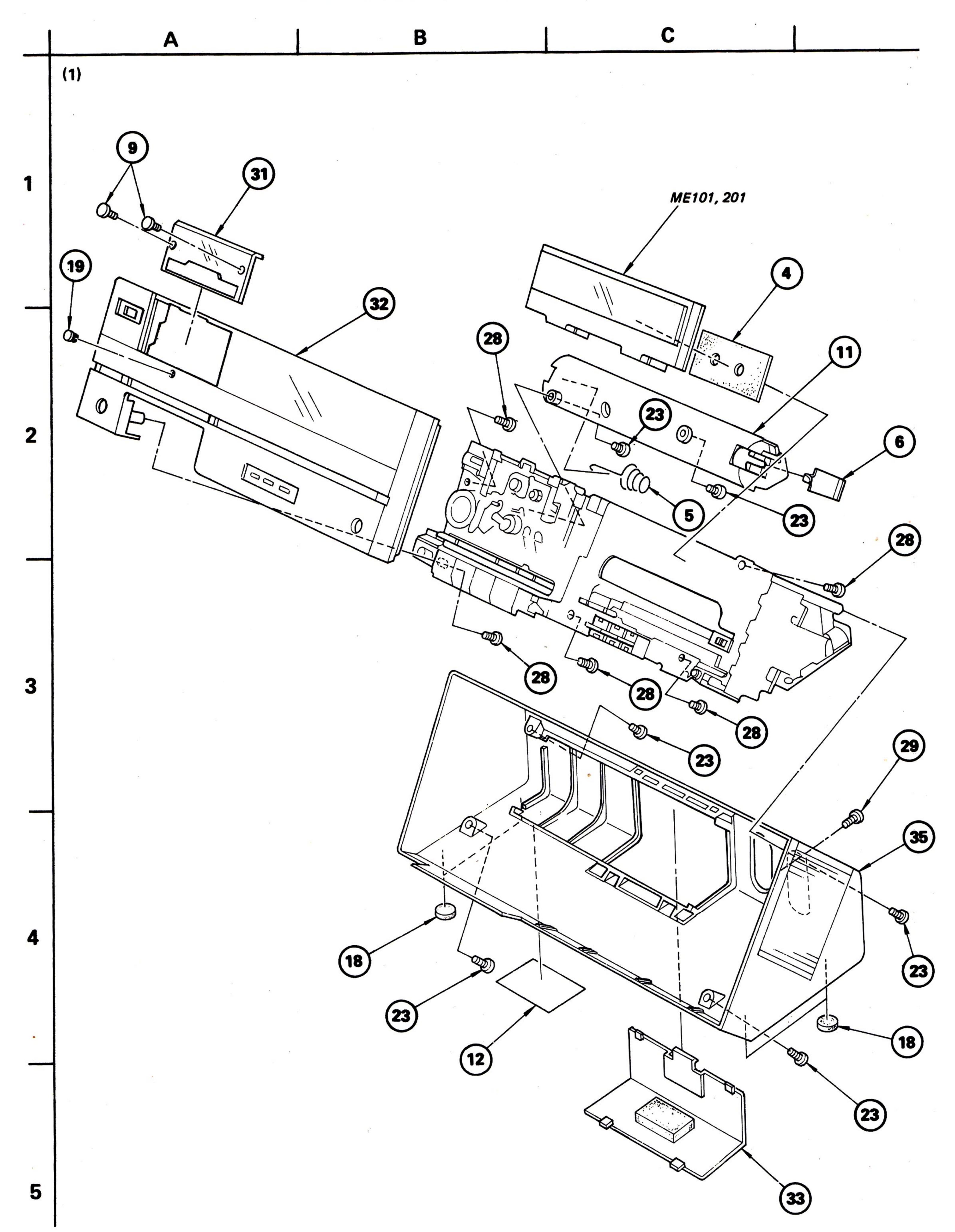


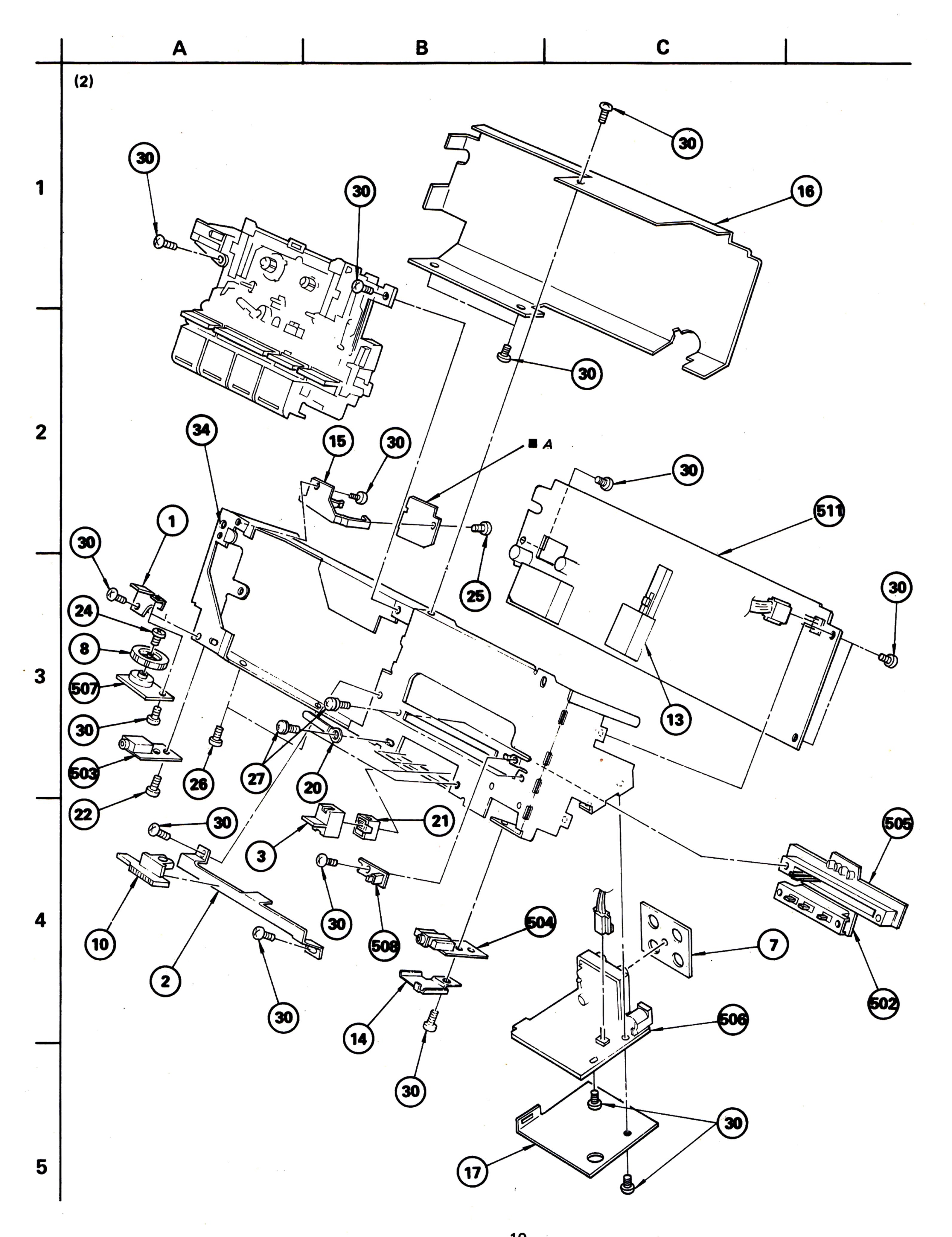
- Components for right channel have same values as for left channel. Reference numbers are coded from No. 200.
- 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, ¼W unless otherwise noted. $k\Omega$: 1000 Ω , $M\Omega$: 1000 $k\Omega$
- panel designation.
- adjustment for repair.
- ---: B+ bus.
- Readings are taken under no-signal conditions with a VOM (50 $k\Omega/V$).
- < >: REC No mark: PB
- Voltage variations may be noted due to normal produc-
- AC voltage readings in the bias oscillator with a VTVM.
- Total current is measured with no cassette installed.
- Switch

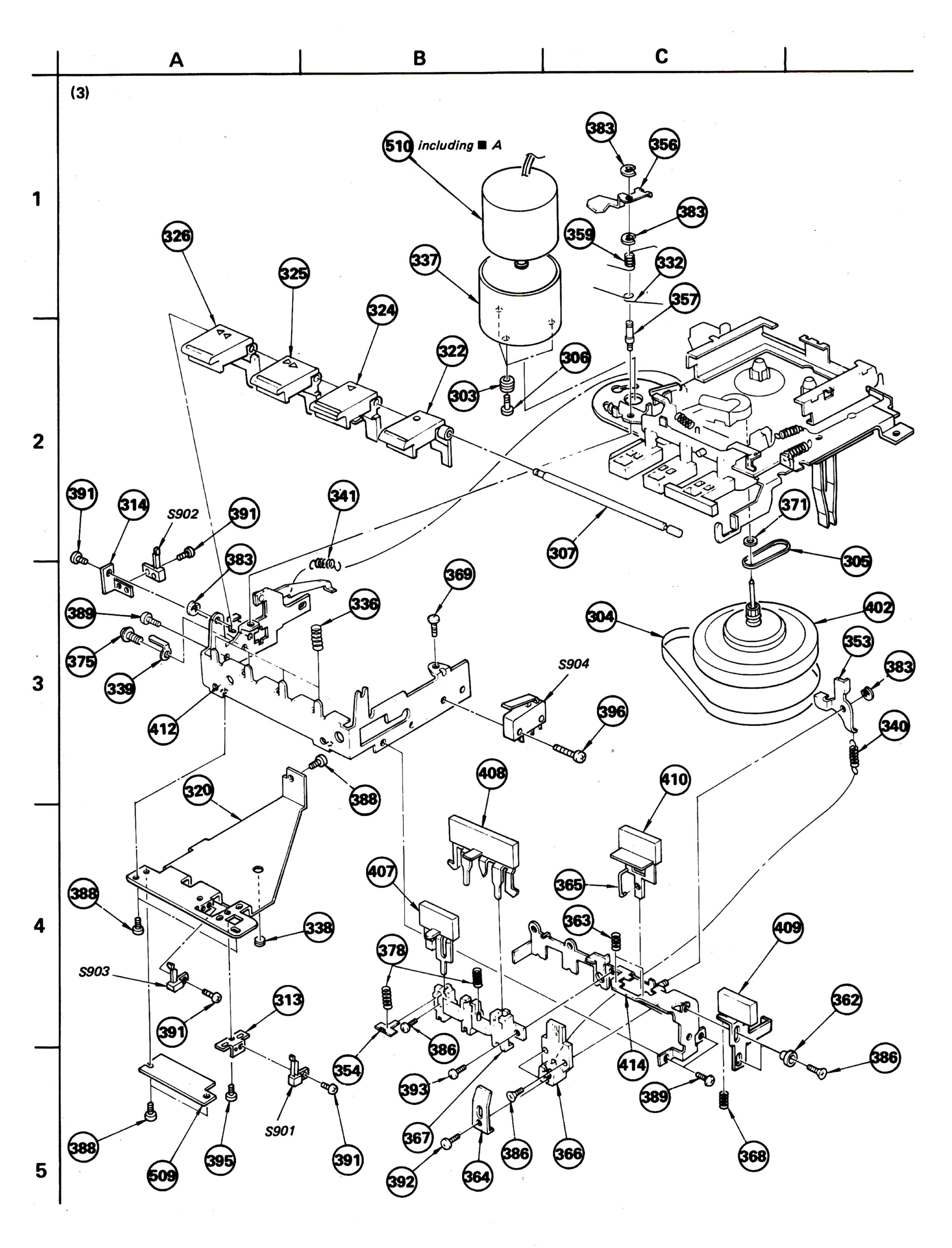
Het. No.	Switch	Position
S301	REC/PB	PB
S 302	TAPE	NORMAL
S 303	INPUT	LINE
S304	LIMITER	OFF
S901	AUDIO POWER	OFF
S902	MD POWER	OFF
S903	MUTING	OFF
S904	REC MUTE	OFF

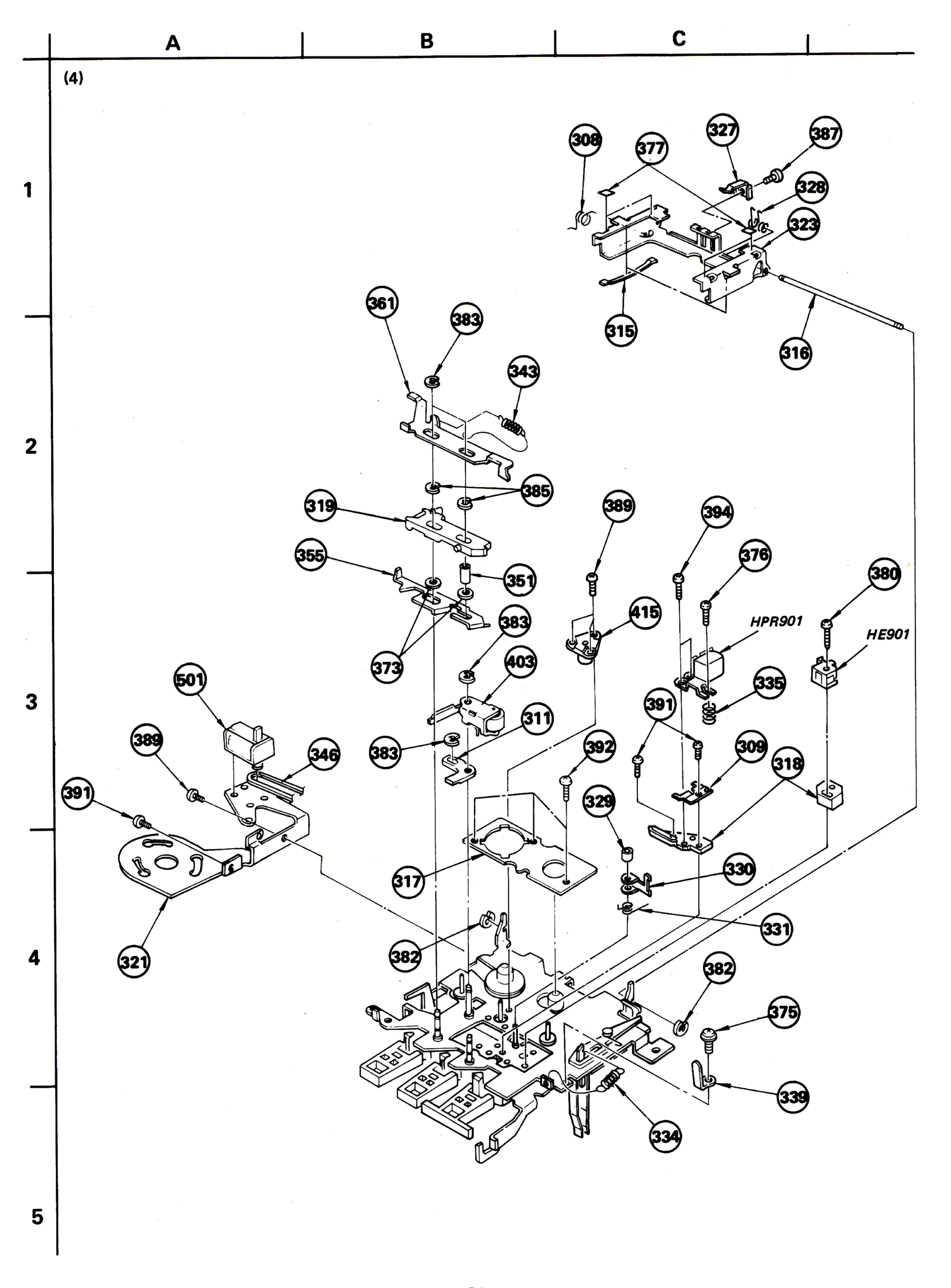
- Signal path

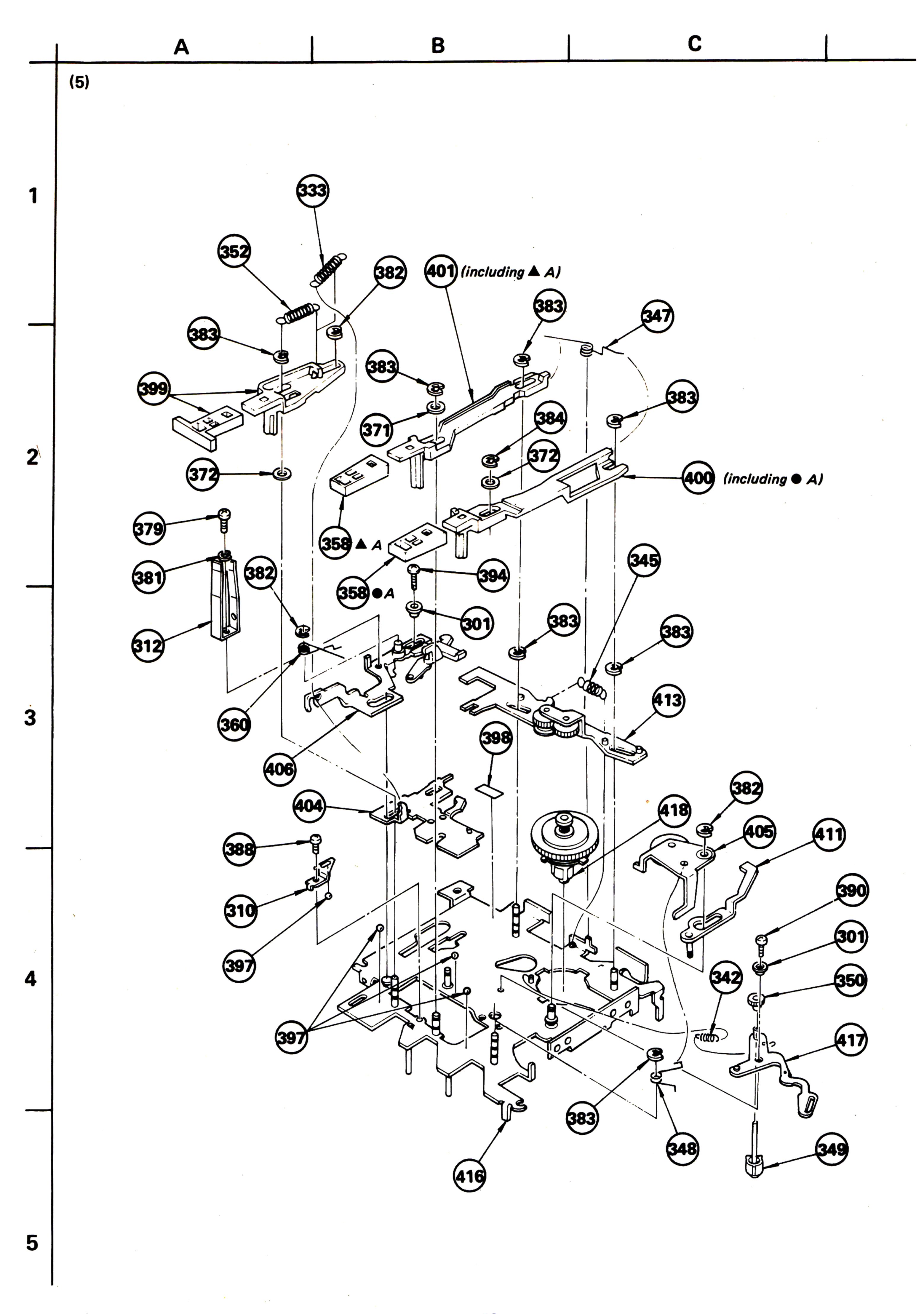
SECTION 5 EXPLODED VIEWS AND PARTS LIST











GENERAL SECTION

No.	Part No.	Description
1 2 3		BRACKET, HD.VR GUIDE, CONTROL KNOB, PUSH
4 5 6	3-306-028-00 3-306-033-00 3-306-034-00	CUSHION, METER SPRING TERMINAL BOARD, BATTERY
7 8 9	3-306-035-00 3-306-046-00 3-306-048-00	PLATE, BLIND, 4P KNOB, CONTROL, HEADPHONE SCREW, ORNAMENTAL, HOLDER
10 11 12	3-306-060-00 3-306-079-00 3-306-088-00	KNOB, REC CONTROL CASE, BATTERY LABEL, MODEL NUMBER
14	♣;3-306-089-00 ♣;3-306-090-00 ♣;3-306-091-00	PLATE (A), SHIELD PLATE (B), SHIELD BRACKET, PC BOARD, MOTOR
17	♣; 3-306-092-00 ♣; 3-306-093-00 3-570-903-00	PAPER (A), SHIELD SHEET (B), SHIELD LEG
19 20 21	3-578-232-00 3-701-822-00 4-864-307-00	ORNAMENT, ADJUSTMENT HOLE HOLDER, WIRE RING
22 23 24	7-621-770-67	+PSW, 2.6X6 SCREW, +B 2.6X6 SCREW, PRECISION +P 1.7X4
25 26 27	7-628-253-15	SCREW, PRECISION +P 1.4X3 SCREW +PS 2X5 SCREW +PS 3X6
28 29 30	7-685-546-14	SCREW +BTP 2.6X6 TYPE2 N-S SCREW +BTP 3X8 TYPE2 N-S SCREW +BVTT 2.6X6 (S)
31 32 33	A-2310-195-A	WINDOW ASSY, CASSETTE PANEL ASSY, FRONT LID ASSY, BATTERY
34	♦; X-3306-018-0	CHASSIS ASSY, AMPLIFIER

ACCESSORY & PACKING MATERIAL

No.	Part No.	Description
61 62	1-463-330-00 1-551-734-11	(US)ADAPTER, AC CORD, CONNECTION (RK-74A)
63	3-701-622-00	BAG, POLYETHYLENE
64	3-783-958-11	MANUAL, INSTRUCTION
65	3-794-006-21	CARD, CAUTION
66	X-3701-105-0	ROD ASSY, CLEANING, HEAD
66	X-3701-105-0	ROD ASSY, CLEANING

NOTE:

Items with no part number and no description are not stocked because they are seldom required for routine service.

35 X-3306-023-1 PANEL ASSY, REAR

- Items marked " " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part numbers ($\Delta-\Delta\Delta\Delta-\Delta\Delta\Delta-XX$ or $\Delta-\Delta\Delta\Delta\Delta-\Delta\Delta\Delta-X$) may be different from those used in the set.

CAPACITORS:

· All capacitors are in μF. Common capacitors are omitted. Refer to the following lists for their part numbers. MF:μF, PF:μμF.

RESISTORS

- All resistors are in ohms. Common 1/4W, 1/8W and 1/16W carbon resistors are omitted. Refer to the following lists for their part numbers.
- F : nonflammable

COILS

· MMH : mH, UH : μH

SEMICONDUCTORS

In each case, $U : \mu$, for example: $\mu A \cdot \cdot \cdot : \mu A \cdot \cdot \cdot : \mu PA \cdot \cdot \cdot : \mu PC \cdot \cdot : \mu PC$,

www.hifiengine.com

UPD···: μPD···

MECHANISM SECTION

MECHANISM SECTION

				1,201,11120	
No.	Part No.	Description	No.	Part No.	Description
301	2-237-263-00	SPACER, HEAD CHASSIS	346	3-561-645-00	BELT, C
302 303	3-306-006-00	CUSHION, MOTOR	347 348	3-564-605-00 3-564-608-00	
304	3-306-007-00	BELT, CAPSTAN	349	3-564-631-00	SHAFT, REEL
305 306	3-306-008-00 3-306-009-00		350 351	3-564-632-00 3-564-704-00	GEAR, REEL SHAFT SPACER
307 🌢	;3-306-013-00	SHAFT, CONTROL BUTTON	352	3-564-735-00	SPRING, TENSION
308 309	3-306-017-00 3-306-020-00		353 354		LEVER (B), PAUSE STOPPER, BUTTON
	;3-306-021-00		355	3-571-150-00	PLATE, FUNCTION, PS
311 312	3-306-029-00 3-306-037-00	ARM, SHUT-OFF SPRING	356 357	3-571-151-00 3-571-152-00	LEVER, EJECT PREVENTION SHAFT (A)
313	3-306-044-00	BRACKET (A), LEAF SWITCH	358	_	TIP, JOINT
	3-306-045-00	BRACKET (B), LEAF SWITCH SPRING	359 360	3-571-155-00 3-571-157-00	
		SHAFT, CASSETTE HOLDER			LEVER (A), PAUSE
		PLATE, ORNAMENTAL, CASSETTE SPACER, FITTING, HEAD			SPACER, LEVER, MONITOR BUTTON SPRING, COMPRESSION
	3-306-054-00		364	3-571-164-00	SPRING
	3-306-057-00	RETAINER, THRUST BRACKET, CM	.	· ·	PIN, LOCK, PAUSE HOLDER, PAUSE BUTTON
322			367	3-571-190-00	HOLDER, BUTTON
323 324	3-306-071-00	HOLDER, CASSETTE BUTTON, FWD	368 369	3-5/1-19/-00	SPRING, COMPRESSION SCREW
_	3-306-073-00		370	• • • • • • • • •	
	3-306-074-00 3-306-085-00		371 372	3-701-437-01 3-701-438-11	
328	3-306-086-00		373	3-701-439-01	WASHER
329 330	3-306-095-00	SCREW, CLAMP, TAPE GUIDE GUIDE, TAPE	374 375	3-703-502-31	SCREW
	3-306-098-00		376		SCREW (1), ADJUSTMENT, AZIMUTH
	3-306-099-00 3-308-702-00		377 378	3-831-441-XX 3-849-356-00	PAD, RESET BUTTON SPRING, COIL
334	3-308-704-00	SPRING, TENSION	379	7-621-255-15	SCREW +P 2X3
		SPRING, COMPRESSION SPRING, COMPRESSION	I .	-7-621-255-75 7-623-205-22	
		CAP, SHIELD, MOTOR	382		RING, RETAINING E-1.2
338		SCREW, THRUST	383	7-624-102-04	STOP RING 1.5, TYPE -E STOP RING 2.0, TYPE -E
•		SPRING, TENSION			*
341	3-542-475-00	SPRING, TENSION		7-627-451-47	RETAINING, RING C-1.5 SCREW, PRECISION +K 1.4X3.5
		SPRING, TENSION			SCREW, PRECISION +P 1.4X1.4
344	• • • • • • • • • •	SPRING, TENSION	388 389		SCREW, PRECISION +P 1.7X2.5 SCREW, PRECISION +P 1.4X2
345	3-561-632-00	SPRING, TENSION		7-627-850-17	SCREW, PRECISION +P 1.4X2.5

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- Items marked " " are not stocked since thev are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part numbers ($\Delta-\Delta\Delta\Delta-\Delta\Delta\Delta-XX$ or $\Delta-\Delta\Delta\Delta\Delta-\Delta\Delta\Delta-X$) may be different from those used in the set.

CAPACITORS:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers. MF: μF , PF: $\mu \mu F$.

RESISTORS

- · All resistors are in ohms. Common 1/4W, 1/8W and 1/16W carbon resistors are omitted. Refer to the following lists for their part numbers.
- F : nonflammable

COILS

· MMH : mH, UH : μΗ

SEMICONDUCTORS

In each case, $U: \mu$, for example: $UA \cdot \cdot \cdot : \mu A \cdot \cdot \cdot : \mu PA \cdot \cdot \cdot : \mu PA \cdot \cdot \cdot : \mu PD \cdot \cdot : \mu PD \cdot \cdot : \mu PD \cdot \cdot : \mu PD \cdot \cdot : \mu PD \cdot \cdot : \mu PD \cdot \cdot : \mu PD \cdot \cdot : \mu PD \cdot : \mu PD \cdot \cdot : \mu PD \cdot \cdot : \mu PD \cdot :$

MECHANISM SECTION

No.	Part No.	Description
391 392 393	7-627-850-27 7-627-850-47 7-627-850-57	SCREW, PRECISION +P 1.4X3 SCREW, PRECISION +P 1.4X1.6 SCREW, PRECISION +P 1.4X3.5
394 395 396	7-627-851-27 7-628-253-15 7-628-253-45	SCREW, PRECISION +P 1.4X5 SCREW +PS 2X5 SCREW +PS 2X10
397 398 399		STENLESS BOWL SPACER LEVER ASST, FWD BUTTON
400 401 402		LEVER ASSY, FF BUTTON LEVER ASSY, REW BUTTON FLYWHEEL ASSY
403 404 405	X-3306-002-0 X-3306-003-0 X-3306-004-0	PINCH LEVER ASSY PC BOARD ASSY, HEAD LEVER ASSY, FWD IDLER
407	X-3306-005-0 X-3306-006-0 X-3306-007-0	LEVER ASSY, REC BUTTON ASSY, EJECT BUTTON ASSY, STOP
410	X-3306-008-0 X-3306-009-0 ▶;X-3306-010-0	BUTTON ASSY, REC MUTE BUTTON ASSY, PAUSE ARM (B) ASSY, SHUT-OFF
413	♣;X-3306-012-0 X-3306-013-0 ♣;X-3306-014-0	BRACKET ASSY, BUTTON BLOCK LEVER ASSY, FR BRACKET ASSY, BUTTON HOLDER
416 417	X-3306-015-0 X-3306-017-0 X-3306-020-0 X-3306-022-0	SLEEVE ASSY, CAPSTAN CHASSIS ASSY TABLE ASSY, REEL, SUPPLY TABLE ASSY, REEL, TAKE-UP

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
502	1-548-516-51 ;1-607-535-00 ;1-607-536-00	TIMER, TAPE PC BOARD, SWI PC BOARD, HEA			
505	;1-607-537-00 ;1-607-538-00 ;1-607-539-00	PC BOARD, MIC PC BOARD, SLI PC BOARD, PIN	DE VOLUME		
508	;1-607-540-00 ;1-607-541-00 ;1-607-542-00	PC BOARD, HEAP PC BOARD, LED PC BOARD, TRA		ME	
510 511 ♣	8-835-082-01 ;A-2056-157-A	MOTOR (DNE-57 MOUNTED PCB,	• • • • • • • • • • • • • • • • • • •		
C104 C108 C120	1-161-380-00 1-130-305-00 1-107-171-00	CERAMIC FILM MICA	0.0015MF 0.022MF 120PF	10% 5% 5%	50V 100V 500V
C127 C128 C131	1-130-622-00 1-107-159-00 1-161-319-00	FILM MICA CERAMIC	0.015MF 33PF 470PF	5% 5% 10%	50V 500V 50V
C204 C208 C220	1-161-380-00 1-130-305-00 1-107-171-00	CERAMIC FILM MICA	0.0015MF 0.022MF 120PF	10% 5% 5%	50V 100V 500V
C227 C228 C231	1-130-622-00 1-107-159-00 1-161-319-00	FILM MICA CERAMIC	0.015MF 33PF 470PF	5% 5% 10%	50V 500V 50V
C308 C311 C320	1-130-299-00 1-130-303-00 1-161-383-00	FILM FILM CERAMIC	0.012MF 0.018MF 0.0047MF	5% 5% 10%	100V 100V 50V
C322	1-161-383-00 1-161-383-00	CERAMIC	0.0047MF 0.0047MF	10% 10%	50V 50V
CNJ102	1-507-762-00 1-507-762-00 1-507-762-00	JACK, PIN 4P JACK, PIN 4P JACK, PIN 4P			
	1-507-762-00	JACK, PIN 4P JACK, DC			
1	;1-560-060-00		_		
CP301	1-464-200-00	CONVERTER UN	IT, DC-DC		
СТ301	1-141-225-00	CAP, TUNING,	TRIMMER		
D101 D102 D103	8-719-911-06 8-719-911-06 8-719-911-06	DIODE 1SS106 DIODE 1SS106 DIODE 1SS106			
D201 D202 D203	8-719-911-06 8-719-911-06 8-719-911-06				

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- Items marked " ♣ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part numbers ($\Delta-\Delta\Delta\Delta-\Delta\Delta\Delta-XX$ or $\Delta-\Delta\Delta\Delta\Delta-\Delta\Delta\Delta-X$) may be different from those used in the set.

CAPACITORS:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers. MF: μF , PF: $\mu \mu F$.

RESISTORS

- All resistors are in ohms. Common 1/4W, 1/8W and 1/16W carbon resistors are omitted. Refer to the following lists for their part numbers.
- F : nonflammable

COILS

· MMH : mH, UH : μH

SEMICONDUCTORS

In each case, U : μ, for example: UA···: μΑ···, UPA···: μΡΑ···, UPC···: μΡΟ, UPD···: μΡΟ···

ELECTRICAL PARTS

Ref.No.	Part No.	Description
D301 D302 D303	8-719-910-61 8-719-200-02 8-719-909-10	DIODE HZ6A1L DIODE 10E-2 DIODE GL-9PR10
HE901	8-825-535-10	ES237-62
HPR901	8-825-533-20	PP217-6202C
IC301 IC302 IC303	8-759-932-80 8-759-932-80 8-759-700-08	IC BA328 IC BA328 IC NJM4558S
IC304 IC305	8-759-932-80 8-759-200-95	IC BA328 IC TA7688F
J301 J302	1-507-688-31 1-507-787-11	JACK (STEREO PLUG) JACK
L101 L102 L103	1-408-262-00 1-408-260-00 1-408-257-00	MICRO INDUCTOR 27MMH MICRO INDUCTOR 18MMH MICRO INDUCTOR 10MMH
L201 L202 L203	1-408-262-00 1-408-260-00 1-408-257-00	MICRO INDUCTOR 27MMH MICRO INDUCTOR 18MMH MICRO INDUCTOR 10MMH
ME101- ME201	1-520-452-00 1-520-452-00	METER, LEVEL METER, LEVEL
Q101 Q102 Q103	8-729-334-58 8-729-663-48 8-729-100-13	TRANSISTOR 2SC1345 TRANSISTOR 2SC1364-8 TRANSISTOR 2SC2001
Q104 Q105 Q106	8-729-663-48 8-729-663-48 8-729-663-48	TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364-8
Q107 Q108 Q201	8-729-663-48 8-729-663-48 8-729-334-58	TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1345
Q202 Q203 Q204	8-729-663-48 8-729-100-13 8-729-663-48	TRANSISTOR 2SC1364-8 TRANSISTOR 2SC2001 TRANSISTOR 2SC1364-8
Q205 Q206 Q207	8-729-663-48 8-729-663-48 8-729-663-48	TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364-8
Q208 Q301 Q302	8-729-663-48 8-729-663-47 8-729-663-47	TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364 TRANSISTOR 2SC1364
Q303 Q304 Q305	8-729-663-48 8-729-195-23 8-729-663-48	TRANSISTOR 2SC1364-8 TRANSISTOR 2SA952 TRANSISTOR 2SC1364-8

ELECTRICAL PARTS

Ref.No.	Part No.	Description
Q309 Q310 Q311	8-729-663-48 8-729-612-77 8-729-113-32	TRANSISTOR 2SC1364-8 TRANSISTOR 2SA1027R TRANSISTOR 2SB733
Q312 Q313 Q314	8-729-663-48 8-729-663-48 8-729-663-48	TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364-8
Q315 Q316 Q317	8-729-195-23 8-729-663-48 8-729-663-48	TRANSISTOR 2SA952 TRANSISTOR 2SC1364-8 TRANSISTOR 2SC1364-8
R106 R108 R110	1-214-785-00 1-214-711-00 1-214-752-00	METAL 220K 1% 1/4W METAL 180 1% 1/4W METAL 9.1K 1% 1/4W
R129 R206 R208	1-214-749-00 1-214-785-00 1-214-711-00	METAL 6.8K 1% 1/4W METAL 220K 1% 1/4W METAL 180 1% 1/4W
R210 R229	1-214-752-00 1-214-749-00	METAL 9.1K 1% 1/4W METAL 6.8K 1% 1/4W
	1-226-710-00 1-226-430-00 1-226-429-00	RES, ADJ, SOLID 10K RES, ADJ, CARBON 5K RES, ADJ, CARBON 2K
	1-226-710-00 1-226-430-00 1-226-429-00	RES, ADJ, SOLID 10K RES, ADJ, CARBON 5K RES, ADJ, CARBON 2K
	1-228-654-00 1-228-598-00	RES, VAR, SLIDE 20K RES, VAR, CARBON 10K/10K
S301 S302 S303	1-554-260-00 1-554-157-00 1-554-157-00	SWITCH, SLIDE SWITCH, PUSH (3 KEY) SWITCH, PUSH (3 KEY)
S304 S901 S902	1-554-157-00 1-554-154-00 1-554-154-00	
S903 S904	1-554-154-00 1-516-135-00	SWITCH, LEAF MICRO SWITCH
T301	1-433-252-00	TRANSFORMER, BIAS OSCILLATOR
TH301	1-800-199-00	THERMISTOR

NOTE:

· Items with no part number and no description are not stocked because they are seldom required for routine service.

Q306

Q307

Q308

8-729-663-48

8-729-663-48

- · Items marked " ♣ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- · Due to standardization, parts with part numbers $(\Delta-\Delta\Delta\Delta-\Delta\Delta\Delta-XX)$ or $\Delta-\Delta\Delta\Delta\Delta-\Delta\Delta\Delta-X$ may be different from those used in the set.

CAPACITORS:

TRANSISTOR 2SC1364-8

TRANSISTOR 2SC1364-8

8-729-663-48 TRANSISTOR 2SC1364-8

· All capacitors are in µF. Common capacitors are omitted. Refer to the following lists for their part numbers. MF: μF, PF:μμF.

RESISTORS

- · All resistors are in ohms. Common 1/4W, 1/8W and 1/16W carbon resistors are omitted. Refer to the following lists for their part numbers.
- F : nonflammable

COILS

* MMH : mH, UH : μH

SEMICONDUCTORS

In each case, $U: \mu$, for example: $UA \cdots$: $\mu A \cdots$, $UPA \cdots$: $\mu PA \cdots$, $UPC \cdots$: μPC , UPD···: μ PD···

ELECTROLYTIC CAPACITORS

			RATING		→: Use the high vol	tage rated one.
CAP. (µF)	6.3 VOLT.	10 VOLT.	16 VOLT.	25 VOLT.	35 VOLT.	50 VOLT.
CAP. (µP)	PART No.	PART No.				
0.47				•	· -	1-121-726-00
1.0					→	1-121-391-00
2.2					→	1-121-450-00
3.3	→		→	1-121-392-00	→	1-121-393-00
4.7		→	→	1-121-395-00	→	1-121-396-00
10	→	-	1-121-651-00	1-121-398-00	-	1-121-738-00
22	→	-	1-121-479-00	1-121-480-00	1-121-662-00	1-121-152-00
33	. →		1-121-403-00	1-121-404-00	1-121-652-00	1-121-405-00
47	→ '	1-121-352-00	1-121-409-00	1-121-410-00	1-121-653-00	1-121-411-00
100		1-121-414-00	1-121-415-00	1-121-416-00	1-121-357-00	1-121-417-00
220	1-121-419-00	1-121-420-00	1-121-421-00	1-121-422-00	1-121-261-00	1-121-423-00
330	1-121-751-00	1-121-805-00	1-121-521-00	1-121-654-00	1-121-655-00	1-121-656-00
470	1-121-424-00	1-121-425-00	1-121-426-00	1-121-733-00	1-121-361-00	1-121-810-00
1000		1-121-736-00	1-121-245-00	1-121-657-00	1-121-388-00	1-123-061-00
2200	1-121-658-00	1-121-659-00	1-121-660-00	1-123-067-00	1-121-984-00	
3300	1-121-661-00	1-123-075-00	1-123-071-00	_	_	_

CAD (E)	100 VOLT.	160 VOLT.	250 VOLT.	350 VOLT.
CAP. (µF)	PART No.	PART No.	PART No.	PART No.
0.47	· —	.—	_	_
1.0	1-123-249-00	1-123-252-00	1-123-003-00	1-121-168-00
2.2	1-123-250-00	1-123-026-00	_	1-123-028-00
3.3	1-121-995-00	_	1-123-004-00	1-123-006-00
4.7	1-123-255-00	1-121-246-00	1-121-759-00	1-123-007-00
10	1-121-126-00	1-121-999-00	1-123-254-00	1-123-008-00
22	1-121-996-00	1-123-253-00	1-123-005-00	1-123-022-00
33	1-121-997-00	1-121-757-00	_	_
47	1-123-251-00	1-121-919-00	_	
100	1-123-084-00	_		_

CERAMIC CAPACITORS

	* -		RAT	ring			•
OAD (E)	50 VOLT.	CAD (=5)	50 VOLT.	00D (-E)	50 VOLT.	CAD (E)	50 VOLT.
CAP. (pF)	PART No.	CAP. (pF)	PART No.	CAP. (pF)	PART No.	CAP. (µF)	PART No.
0.5	1-101-837-00	22	1-102-959-00	150	1-101-361-00	0.001	1-102-074-00
0.75	1-101-586-00	24	1-102-960-00	160	1-101-367-00	0.0012	1-102-118-00
1.0	1-102-934-00	27	1-102-961-00	180	1-102-976-00	0.0015	1-102-119-00
1.5	1-101-576-00	.30	1-102-962-00	200	1-102-977-00	0.0018	1-102-120-00
2.0	1-102-935-00	33	1-102-963-00	220	1-102-978-00	0.0022	1-102-121-00
3	1-102-936-00	36	1-102-964-00	240	1-102-979-00	0.0027	1-102-122-00
4	1-102-937-00	39	1-102-965-00	270	1-102-980-00	0.0033	1-102-123-00
5	1-102-942-00	43	1-102-966-00	300	1-102-981-00	0.0039	1-102-124-00
6	1-102-943-00	47	1-101-880-00	330	1-102-820-00	0.0047	1-102-125-00
7	1-102-944-00	51	1-101-882-00	360	1-102-821-00	0.0056	1-102-126-00
8	1-102-945-00	56	1-101-884-00	390	1-102-822-00	0.0068	1-102-127-00
9	1-102-946-00	62	1-101-886-00	430	1-102-823-00	0.0082	1-102-128-00
10	1-102-947-00	68	1-101-888-00	470	1-102-824-00	0.01	1-102-129-00
11	1-102-948-00	75	1-101-890-00	510	1-101-059-00	0.022	1-101-005-00
12	1-102-949-00	82	1-102-971-00	560	1-102-115-00	0.047	1-101-006-00
13	1-102-950-00	91	1-102-972-00	680	1-102-116-00		
15	1-102-951-00	100	1-102-973-00	820	1-102-117-00		
16	1-102-952-00	110	1-1-02-815-00				
18	1-102-953-00	120	1-102-816-00				
20	1-102-958-00	130	1-101-081-00				

 $0.001\mu F = 1,000pF$

CERAMIC (SEMICONDUCTOR) CAPACITORS

		R/	ATING -	: Use the high vo	Itage rated one.	
0 A D (E)	25 VOLT.	50 VOLT.	00D (E)	25 VOLT.	50 VOLT.	
CAP. (µF)	PART No.	PART No.	CAP. (µF)	PART No.	PART No.	
0.001	>	1-161-039-00	0.018	1-161-016-00	1-161-054-00	
0.0012	→	1-161-040-00	0.022	1-161-017-00	1-161-055-00	
0.0015	_	1-161-041-00	0.027	1-161-018-00	1-161-056-00	
0.0018	· ·	1-161-042-00	0.033	1-161-019-00	1-161-057-00	
0.0022		1-161-043-00	0.039	1-161-010-00	1-161-058-00	
0.0027	→	1-161-044-00	0.047	1-161-021-00	1-161-059-00	
0.0033		1-161-045-00	0.056	→	1-161-060-00	
0.0039		1-161-046-00	0.068	→	1-161-061-00	
0.0047	→	1-161-047-00	0.082	1-161-024-00	1-161-062-00	
0.0056		1-161-048-00	0.1	1-161-025-00	1-161-063-00	
0.0068	-	1-161-049-00				
0.0082	1-161-012-00	1-161-050-00				
0.01	1-161-013-00	1-161-051-00		•		
0.012	→ *-	1-161-052-00				
0.015	1-161-015-00	1-161-053-00				

MYLAR CAPACITORS

				_		RATING					
	50 VOLT.	100 VOLT.	200 VOLT.		50 VOLT.	100 VOLT.	200 VOLT.	CAR (uE)	50 VOLT.	100 VOLT.	200 VOLT.
CAP. (µF)	PART No.	PART No.	PART No.	CAP. (µF)	PART No.	PART No.	PART No.	CAP. (µF)	PART No.	PART No.	PART No.
0.001	1-108-227-00	1-108-365-00	1-108-409-00	0.01	1-108-239-00	1-108-377-00	1-108-421-00	0.1	1-108-251-00	1-108-389-00	1-108-433-00
0.0012	1-108-351-00	1-108-366-00	1-108-410-00	0.012	1-108-357-00	1-108-378-00	1-108-422-00	0.12	1-108-363-00	1-108-390-00	1-108-434-00
0.0015	1-108-228-00	1-108-367-00	1-108-411-00	0.015	1-108-240-00	1-108-379-00	1-108-423-00	0.15	1-108-252-00	1-108-391-00	1-108-435-00
0.0018	1-108-352-00	1-108-368-00	1-108-412-00	0.018	1-108-358-00	1-108-380-00	1-108-424-00	0.18	1-108-364-00	1-108-392-00	1-108-436-00
0.0022	1-108-230-00	1-108-369-00	1-108-413-00	0.022	1-108-242-00	1-108-381-00	1-108-425-00	0.22	1-108-254-00	1-108-393-00	1-108-437-00
0.0027	1-108-353-00	1-108-370-00	1-108-414-00	0.027	1-108-359-00	1-108-382-00	1-108-426-00	0.27	1-108-854-00	_	_
0.0033	1-108-232-00	1-108-371-00	1-108-415-00	0.033	1-108-244-00	1-108-383-00	1-108-427-00	0.33	1-108-855-00	_	_
0.0039			1-108-416-00	1	1-108-360-00	1-108-384-00	1-108-428-00	0.39	1-108-856-00	<u>'</u>	_
0.0047	1		1-108-417-00	l .	1-108-246-00	1-108-385-00	1-108-429-00	0.47	1-108-857-00	_	_
0.0056	1		1-108-418-00	1	1-108-361-00	1-108-386-00	1-108-430-00				
0.0068			1-108-419-00		1-108-249-00	1-108-387-00	1-108-431-00				
0.0082	l i		1-108-420-00	1	1-108-362-00	1-108-388-00	1-108-432-00				



			RATING	→:	Use the high voltag	e rated one.	
	3.15 VOLT.	6.3 VOLT.	10 VOLT.	16 VOLT. 20 VOLT.		25 VOLT.	35 VOLT.
CAP. (µF)	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.	PART No.
0.01					→	-	1-131-396-00
0.015	·					→	1-131-397-00
0.022						→	1-131-398-00
0.033						→	1-131-399-00
0.047						→	1-131-400-00
0.068					→	-	1-131-401-00
0.1					→	→	1-131-402-00
0.15					→	→	1-131-403-00
0.22					→	→	1-131-404-00
0.33					→	1-131-409-00	1-131-405-00
0.47	- -		-	_	1-131-412-00	→	1-131-406-00
0.68	_	_	_	1-131-415-00	→	1-131-410-00	1-131-407-00
1.0	_	_	1-131-418-00	_	1-131-413-00	→	1-131-408-00
1.5	_	1-131-421-00	_	1-131-416-00	→	1-131-411-00	1-131-348-00
2.2	1-131-424-00	_	1-131-419-00	_	1-131-414-00	1-131-355-00	1-131-349-00
3.3	_	1-131-422-00	_	1-131-417-00	1-131-362-00	1-131-356-00	1-131-350-00
4.7	1-131-425-00	_	1-131-420-00	1-131-369-00	1-131-363-00	1-131-357-00	1-131-351-00
6.8	· —	1-131-423-00	1-131-376-00	1-131-370-00	1-131-364-00	1-131-358-00	1-131-352-00
10	1-131-426-00	1-131-383-00	1-131-377-00	1-131-371-00	1-131-365-00	1-131-359-00	1-131-353-00
15	1-131-390-00	1-131-384-00	1-131-378-00	1-131-372-00	1-131-366-00	1-131-360-00	-
22	1-131-391-00	1-131-385-00	1-131-379-00	1-131-373-00	1-131-367-00		
33	1-131-392-00	1-131-386-00	1-131-380-00	1-131-374-00			
47	1-131-393-00	1-131-387-00	1-131-381-00	_			\$4
68	1-131-394-00	1-131-388-00	_	-			
100	1-131-395-00	İ –	_	_			

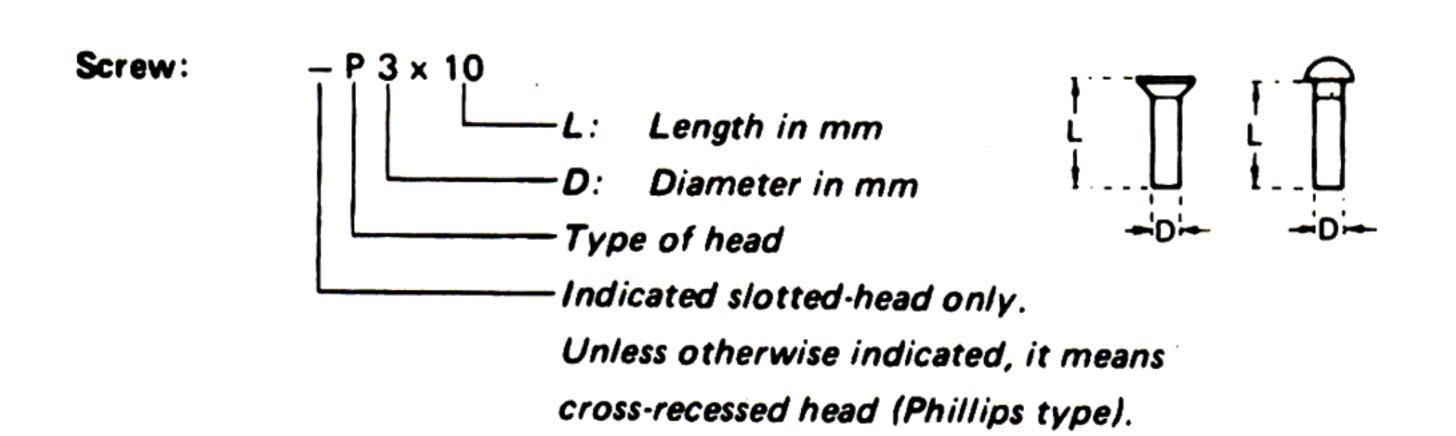
TANTALUM CAPACITORS

			RATING				
	3 VOLT.	6.3 VOLT.	10 VOLT.	16 VOLT.	20 VOLT.	35 VOLT.	
CAP. (µF)	PART No. PART No.		PART No.	PART No.	PART No.	PART No.	
0.033						1-131-273-00	
0.047						1-131-274-00	
0.068						1-131-275-00	
0.1						1-131-276-00	
0.15						1-131-277-00	
0.22			_	_	1-131-262-00	1-131-278-00	
0.33			_	_	1-131-263-00	1-131-279-00	
0.47			1-131-169-00	_	1-131-264-00	1-131-280-00	
0.68			_	1-131-258-00	1-131-265-00	1-131-281-00	
1.0			1-131-254-00	_	1-131-266-00	1-131-282-00	
1.5		1-131-250-00	_		1-131-267-00	1-131-283-00	
2.2			_	1-131-259-00	1-131-268-00	1-131-284-00	
3.3		_	1-131-255-00	_	1-131-269-00	_	
4.7		1-131-251-00	1-131-171-00	_	1-131-270-00	_	
6.8		_	-	1-131-260-00	1-131-271-00	_	
10	_	_	1-131-256-00	_	1-131-272-00	-	
15	_	1-131-252-00	_	1-131-261-00			
22	_	_	1-131-257-00	_			
33	1-131-176-00	1-131-253-00	1-131-173-00	_			
47	1-131-288-00	1-131-174-00	. —	_			
100	1-131-177-00						

1/4 WATT CARBON RESISTORS

Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.
						- 55		50	1 477 1.0.	36	Turi Ivo.	36	Fant Ivo.
1.0	1-246-401-00	10	1-246-425-00	100	1-246-449-00	1.0k	1-246-473-00	10k	1-246-497-00	100k	1-246-521-00	1.0M	1-246-545-00
1.1	1-246-402-00	11	1-246-426-00	110	1-246-450-00	1.1k	1-246-474-00	11k	1-246-498-00	110k	1-246-522-00	1.1M	1-210-814-00
1.2	1-246-403-00	12	1-246-427-00	120	1-246-451-00	1.2k	1-246-475-00	12k	1-246-499-00	120k	1-246-523-00	1.2M	1-210-815-00
1.3	1-246-404-00	13	1-246-428-00	130	1-246-452-00	1.3k	1-246-476-00	13k	1-246-500-00	130k	1-246-524-00	1.3M	1-210-816-00
1.5	1-246-405-00	15	1-246-429-00	150	1-246-453-00	1.5k	1-246-477-00	15k	1-246-501-00	150k	1-246-525-00	1.5M	1-210-817-00
1.6	1-246-406-00	16	1-246-430-00	160	1-246-454-00	1.6k	1-246-478-00	16k	1-246-502-00	160k	1-246-526-00	1.6M	1-210-818-00
1.8	1-246-407-00	18	1-246-431-00	180	1-246-455-00	1.8k	1-246-479-00	18k	1-246-503-00	180k	1-246-527-00	1.8M	1-210-819-00
2.0	1-246-408-00	20	1-246-432-00	200	1-246-456-00	2.0k	1-246-480-00	20k	1-246-504-00	200k	1-246-528-00	2.0M	1-210-820-00
2.2	1-246-409-00	22	1-246-433-00	220	1-246-457-00	2.2k	1-246-481-00	22k	1-246-505-00	220k	1-246-529-00	2.2M	1-210-821-00
2.4	1-246-410-00	24	1-246-434-00	240	1-246-458-00	2.4k	1-246-482-00	24k	1-246-506-00	240k	1-246-530-00	2.4M	1-244-754-00
2.7	1-246-411-00	27	1-246-435-00	270	1-246-459-00	2.7k	1-246-483-00	27k	1-246-507-00	270k	1-246-531-00	2.7M	1-244-755-00
3.0	1-246-412-00	30	1-246-436-00	300	1-246-460-00	3.0k	1-246-484-00	30k	1-246-508-00	300k	1-246-532-00	3.0M	1-244-756-00
3.3	1-246-413-00	33	1-246-437-00	330	1-246-461-00	3.3k	1-246-485-00	33k	1-246-509-00	330k	1-246-533-00	3.3M	1-244-757-00
3.6	1-246-414-00	36	1-246-438-00	360	1-246-462-00	3.6k	1-246-486-00	36k	1-246-510-00	360k	1-246-534-00	3.6M	1-244-758-00
3.9	1-246-415-00	39	1-246-439-00	390	1-246-463-00	3.9k	1-246-487-00	39k	1-246-511-00	390k	1-246-535-00	3.9M	1-244-759-00
4.3	1-246-416-00	43	1-246-440-00	430	1-246-464-00	4.3k	1-246-488-00	43k	1-246-512-00	430k	1-246-536-00	4.3M	1-244-760-00
4.7	1-246-417-00	47	1-246-441-00	470	1-246-465-00	4.7k	1-246-489-00	47k	1-246-513-00	470k	1-246-537-00	4.7M	1-244-761-00
5.1	1-246-418-00	51	1-246-442-00	510	1-246-466-00	5.1k	1-246-490-00	51k	1-246-514-00	510k	1-246-538-00	5.1M	1-244-762-00
5.6	1-246-419-00	56	1-246-443-00	560 ∘	1-246-467-00	5.6k	1-246-491-00	56k	1-246-515-00	560k	1-246-539-00		
6.2	1-246-420-00	62	1-246-444-00	620	1-246-468-00	6.2k	1-246-492-00	62k	1-246-516-00	620k	1-246-540-00		
6.8	1-246-421-00	68	1-246-445-00	680	1-246-469-00	6.8k	1-246-493-00	68k	1-246-517-00	680k	1-246-541-00		
7.5	1-246-422-00	7 5	1-246-446-00	750	1-246-470-00	7.5k	1-246-494-00	75k	1-246-518-00	750k	1-246-542-00		
8.2	1-246-423-00	82	1-246-447-00	820	1-246-471-00	8.2k	1-246-495-00	82k	1-246-519-00	820k	1-246-543-00		
9.1	1-246-424-00	91	1-246-448-00	910	1-246-472-00	9.1k	1-246-496-00	91k	1-246-520-00	910k	1-246-544-00		

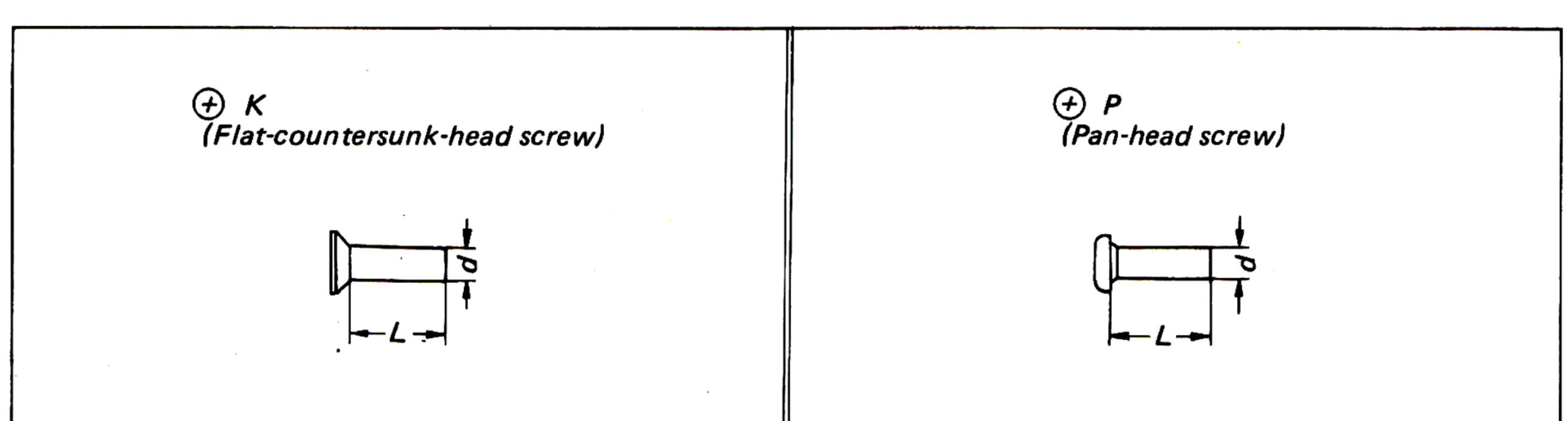
HARDWARE NOMENCLATURE



Reference Designation Shape		Description	Remarks
		SCREWS	
P	€	pan-head screw	binding-head (B) screw for replacement
PWH	€	pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP	8	pan-head screw with spring washer	binding-head (B) screw and spring washer for replace- ment
PSW PSPW	981 3-	pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R	(]3	round-head screw	binding-head (B) screw for replacement
K	Ð	flat-countersunk-head screw	
RK		oval-countersunk-head screw	
В		binding-head screw	
T	†	truss-head screw	binding-head (B) screw for replacement
F		flat-fillister-head screw	
RF	£	fillister-head screw	
BV	(brazier-head screw	

Nut, Washer, Re	taining ring:
N	Diameter of usable screw or shaft Reference designation

Reference Designation	Shape	Description	Remarks
		SELF-TAPPING SCRE	WS
TA	(13)	self-tapping screw	ex: TA, P 3 x 10
PTP		pan-head self-tapping screw	binding-head self- tapping (TA, B) screw-for replacement
PTPWH		pan-head self-tapping screw with washer face	binding-head self tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
		SET SCREWS	
SC	-	set screw	
SC	-⊚€ :-	hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket
		NUT	
N	-[]-(-(-)-	nut	
		WASHERS	
W	0	flat washer	
SW		spring washer	
LW		internal-tooth lock washer	ex: LW3, internal
LW	©	external-tooth lock washer	ex: LW3, external
		RETAINING RINGS	•
E	6	retaining ring	
G ,	(g)	grip-type retaining ring	



Type	Size (mm) (d × L)	Part No.		-	Size (mm)	Part No.	
		Black	Silver	Туре	(d × L)	Black	Silver
Type 1	K1.4 X 1.6 K1.4 X 1.8	7-627-451-08	7-627-451-07	Type 1	P1.4 X 1.4 P1.4 X 1.6	7-627-551-08	7-627-551-47 7-627-551-07
	K1.4 × 2 K1.4 × 2.2 K1.4 × 2.5	7-627-451-38 7-627-451-18	7-627-451-37 7-627-451-17		P1.4 × 1.8 P1.4 × 2 P1.4 × 2.2	7-627-551-18	7-627-551-17
	K1.4 × 2.8 K1.4 × 3 K1.4 × 3.5 K1.4 × 4 K1.4 × 4.5	7-627-451-28	7-627-451-27 7-627-451-47		P1.4 × 2.5 P1.4 × 2.8 P1.4 × 3 P1.4 × 3.5 P1.4 × 4	7-627-551-28 7-627-551-88 7-627-551-58 7-627-551-68 7-627-551-78	7-627-551-27 7-627-551-57 7-627-551-67 7-627-551-77
	K1.4 × 5	7-627-451-78	7-627-451-77		P1.4 × 4.5 P1.4 × 5	7-627-551-38	7-627-551-37
	K1.7 × 1.8 K1.7 × 2.2 K1.7 × 2.2 K1.7 × 2.5 K1.7 × 2.8	7-627-452-08 7-627-452-18 7-627-452-28 7-627-452-38	7-627-452-07		P1.7 X 1.6 P1.7 X 1.8 P1.7 X 2 P1.7 X 2.2	7-627-552-18 7-627-552-28	7-627-552-27
	K1.7 × 3 K1.7 × 3.5 K1.7 × 4 K1.7 × 4.5 K1.7 × 5				P1.7 × 2.5 P1.7 × 2.8 P1.7 × 3 P1.7 × 3.5 P1.7 × 4	7-627-552-08 7-627-552-38 7-627-552-78 7-627-552-48	7-627-552-07 7-627-552-37 7-627-552-47
	K1.7 × 5.5 K1.7 × 6				P1.7 × 4.5 P1.7 × 5 P1.7 × 5.5	7-627-552-58	7-627-552-67 7-627-552-57
	K2 X 2 K2 X 2.2 K2 X 2.5 K2 X 2.8 K2 X 3 K2 X 3.5 K2 X 4 K2 X 4.5				P1.7 × 6 P2 × 1.8 P2 × 2 P2 × 2.2 P2 × 2.5 P2 × 2.8 P2 × 3	7-627-553-18 7-627-553-28 7-627-553-38	7-627-553-17 7-627-554-07 7-627-553-27
	K2 × 5 K2 × 5.5 K2 × 6				P2 X 3.5 P2 X 4 P2 X 4.5 P2 X 5	7-627-553-48 7-627-553-58	7-627-554-17 7-627-553-47 7-627-553-57 7-627-553-67
	K2 X 7 K2 X 8				P2 × 5.5 P2 × 6 P2 × 7 P2 × 8 P2 × 10	7-627-553-88 7-627-553-98 7-627-553-78	7-627-553-87 7-627-553-97 7-627-553-77
					P1.4 X 1.4 P1.4 X 1.6 P1.4 X 1.8 P1.4 X 2 P1.4 X 2.2	7-627-850-08	7-627-850-37 7-627-850-47 7-627-850-77 7-627-850-07
		•		Type 3	P1.4 × 2.5 P1.4 × 2.8 P1.4 × 3 P1.4 × 3.5 P1.4 × 4	7-627-850-18 7-627-850-28 7-627-850-58 7-627-850-68	7-627-850-17 7-627-850-27 7-627-850-57 7-627-850-67
•					P1.4 X [.] 4.5 P1.4 X 5		7-627-851-17 7-627-851-27

Sony Corporation Audio & Video Group English 82H05138-1 Printed in Japan

www.hifiengine.com