



Specifications

Note:

The below mentioned specifications are mainly based on the IHF measurements standard. They can therefore not directly be compared with specifications based on the DIN standard or other standards.

PRODUCT CODE No.
142 844 00 (EUROPE)
142 844 01 (SPAIN)
142 844 02 (W. GERMANY)

Tape	Metal, CrO ₂ , normal tape	Signal to noise ratio (metal tape)	76 dB (Dolby C NR on) 61 dB (Dolby NR off)
Recording system	AC bias, 4-track stereo	Inputs	MIC: 0.5 mV/400 ohms to 10 kohms LINE IN: 100 mV/50 kohms
Erasing system	AC erasing, 2-track	Outputs	LINE OUT: 0.4 V/2 kohms PHONES: 8 ohms
Rewind and fast forward time.	Approx. 120 sec. (C-60)	Power requirements	AC 220 V, 50 Hz
Wow and flutter	0.08% (WRMS) 0.18% (DIN)	Dimensions (W x D x H)	Approx. 420 x 360 x 135 mm
Frequency response.	40 – 16,000 Hz (metal) 40 – 15,000 Hz (CrO ₂) 40 – 13,000 Hz (normal)		

Specifications and design subject to change without notice.

Note:

The power switch is mounted on the secondary side. The unit is not disconnected from AC-power, even when switched off.

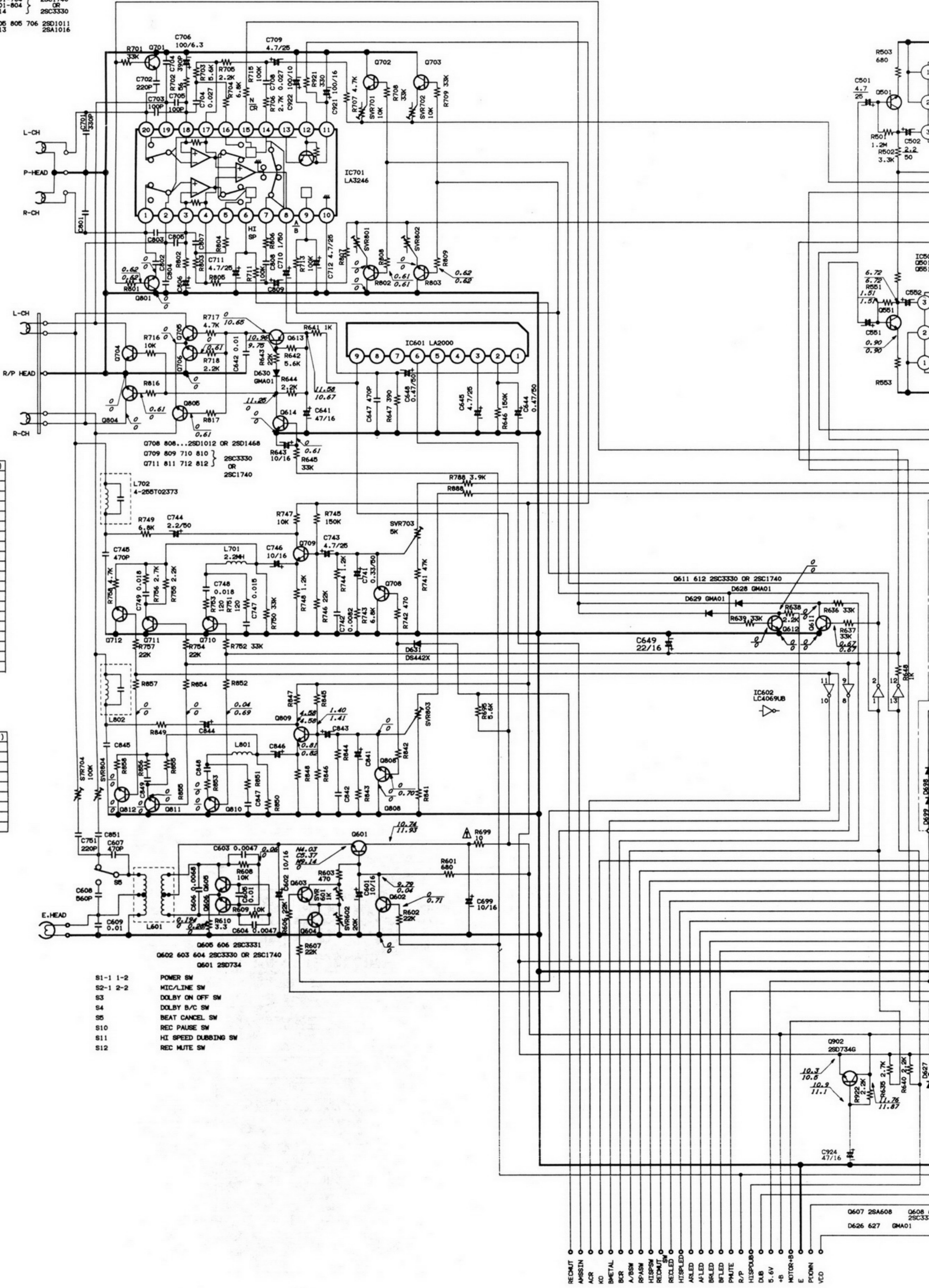
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REFERENCE No. WM-580224

SCHEMATIC DIAGRAM (1)

Q701-704 } 2SC1740
 Q801-804 } OR
 Q614 } 2SC3330
 Q705 805 706 2SD1011
 Q613 } 2SA1016



IC701

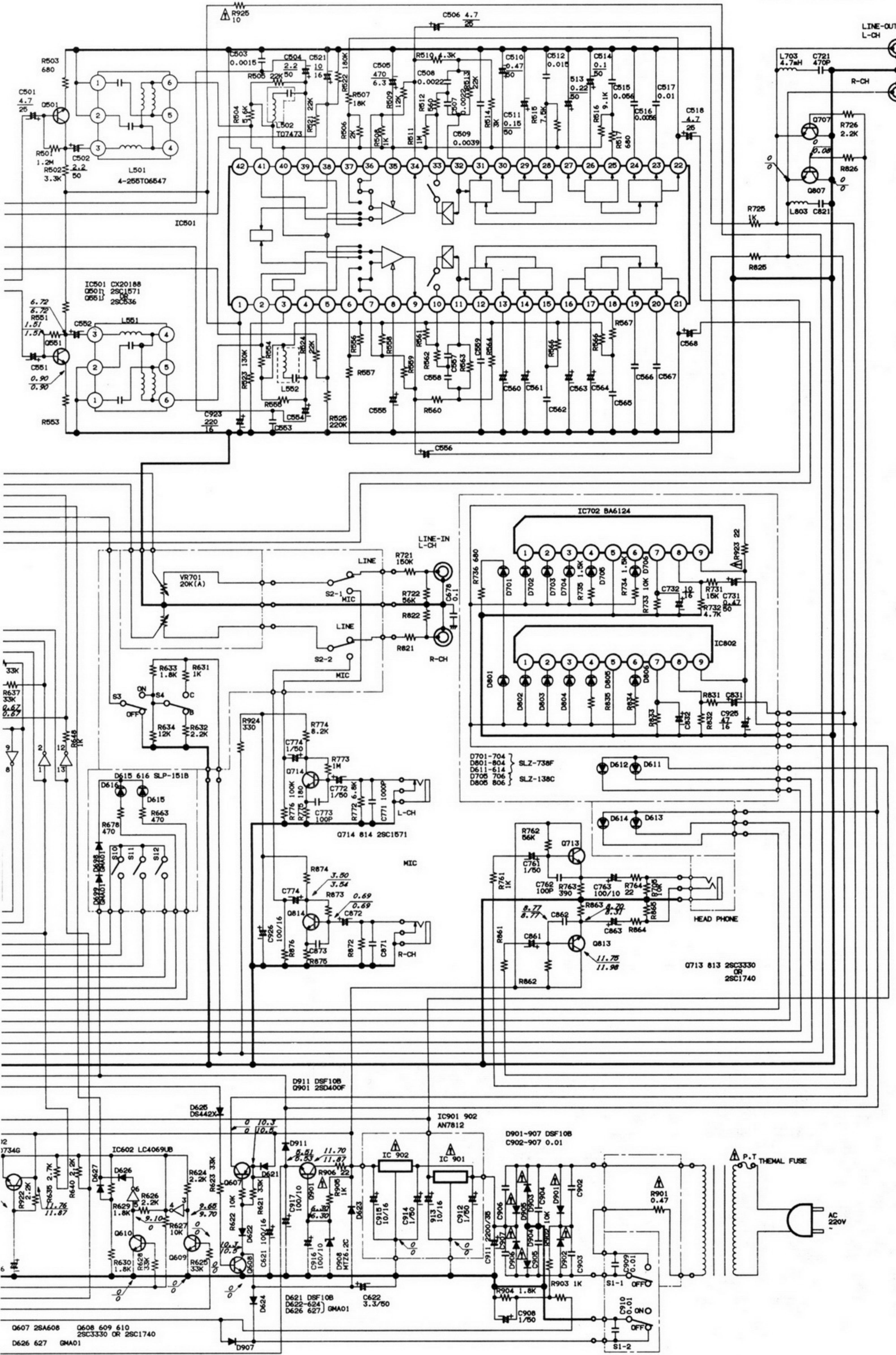
NO.	PLAY (V)	REC. (V)
1	0	0
2	0	0
3	0.59	0.59
4	3.3	3.3
5	3.3	3.3
6	0	0
7	0	0.3
8	3.3	3.2
9	0	0
10	0	0
11	8.0	7.7
12	8.0	7.7
13	7.2	7.0
14	0	0.3
15	0	0
16	3.3	3.3
17	3.3	3.3
18	0.59	0.59
19	0	0
20	0	0

IC601

NO.	PLAY (V)	REC. (V)
1	1.65	0
2	0	0
3	2.0	2.0
4	0	0
5	0	0
6	0	0
7	0.33	0
8	0	0
9	11.7	11.7

- S1-1 1-2 POWER SW
- S2-1 2-2 MIC/LINE SW
- S3 DOLBY ON OFF SW
- S4 DOLBY B/C SW
- S5 BEAT CANCEL SW
- S10 REC PAUSE SW
- S11 HI SPEED DUBBING SW
- S12 REC MUTE SW

- REC/MUT
- AMSSIN
- ACR
- KID
- B/METAL
- BCR
- A/B SW
- A/B SW
- RP/ASW
- HIS/SPW
- REC/MUT
- REC/LED
- AR/LED
- AR/LED
- BR/LED
- BL/LED
- PAUTE
- R/P
- HIS/SP/LED
- DUB
- 5.5V
- +B
- MOTOR+80
- E
- FL/OWN
- VCD



IC501

NO.	PLAY (V)	REC. (V)
1	10.7	10.7
2	5.4	5.4
3	1.25	1.25
4	5.3	5.3
5	10.2	4.9
6	5.4	5.4
7	5.4	5.4
8	5.4	5.4
9	5.4	5.4
10	4.9	4.9
11	5.4	5.4
12	5.3	5.3
13	0.33	0.33
14	0.33	0.33
15	5.4	5.4
16	0.31	0.31
17	0.31	0.31
18	5.4	5.4
19	5.4	5.4
20	5.4	5.4
21	5.4	5.4
22	5.4	5.4
23	5.4	5.4
24	5.4	5.4
25	5.4	5.4
26	0.31	0.31
27	0.31	0.31
28	5.4	5.4
29	0.33	0.33
30	0.33	0.33
31	5.3	5.3
32	5.4	5.4
33	4.9	4.9
34	5.4	5.4
35	5.4	5.4
36	5.4	5.4
37	5.4	5.4
38	0	0
39	5.3	5.3
40	5.4	5.4
41	5.4	5.4
42	0	0

*38 DOLBY OFF 0 (V)
 DOLBY B 4.9 (V)
 DOLBY C 9.1 (V)

IC702 802

NO.	PLAY (V)	REC. (V)
1	10.2	10.2
2	10.2	10.2
3	10.2	10.2
4	10.2	10.2
5	0	0
6	10.2	10.2
7	0	0
8	0	0
9	11.6	11.6

0607 28A608 0608 609 610
 28C3330 OR 28C1740
 0626 627 GMA01

SCHEMATIC DIAGRAM (2)

