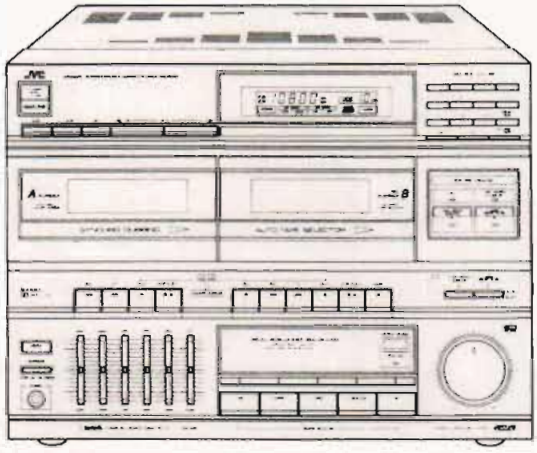
DR-E300
DR-E300

JVC

SERVICE MANUAL

STEREO DOUBLE CASSETTE DECK RECEIVER

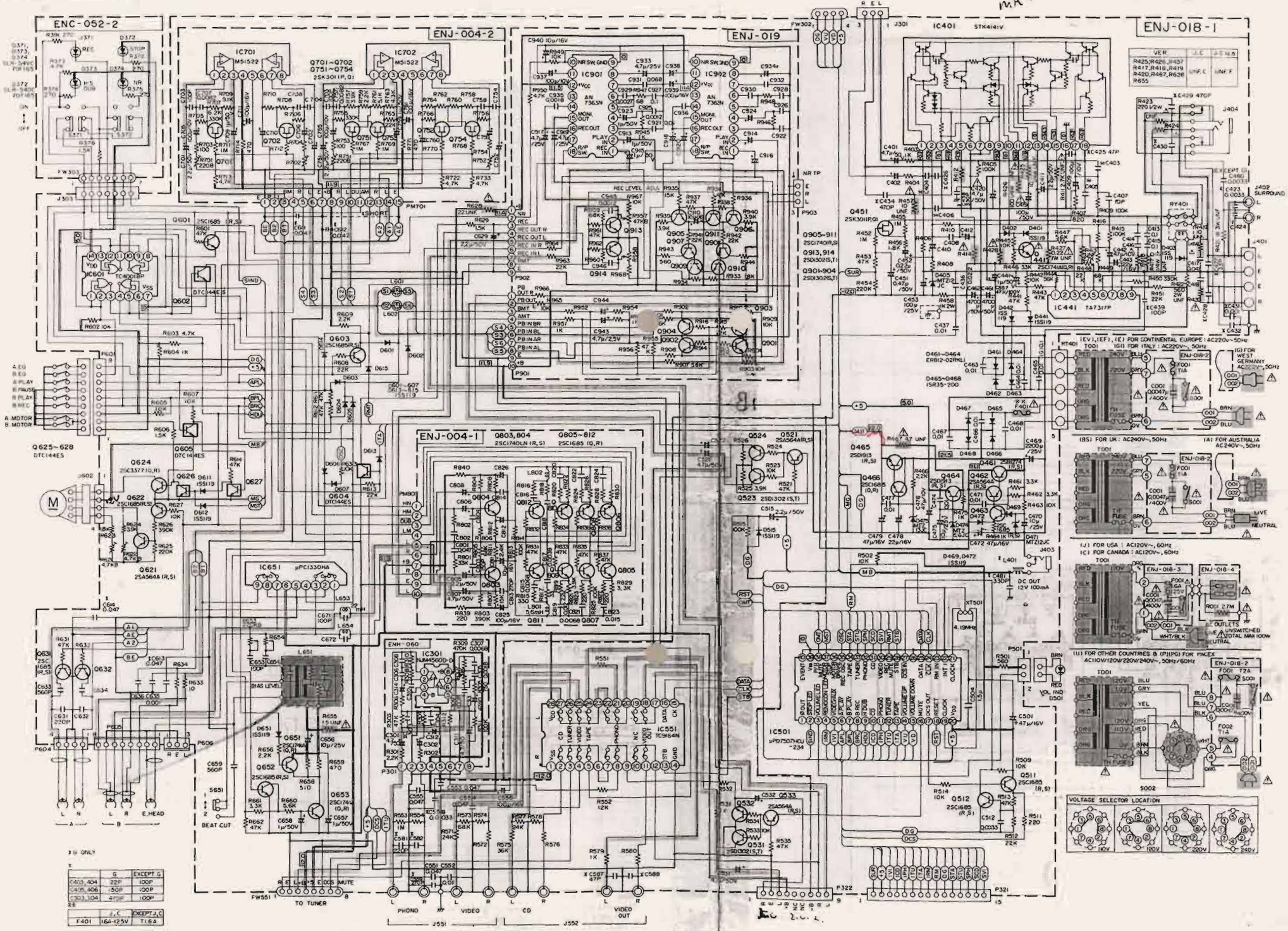
DR-E300BK
MODEL No. DR-E300LBK



Contents

No. 200
Feb. 19

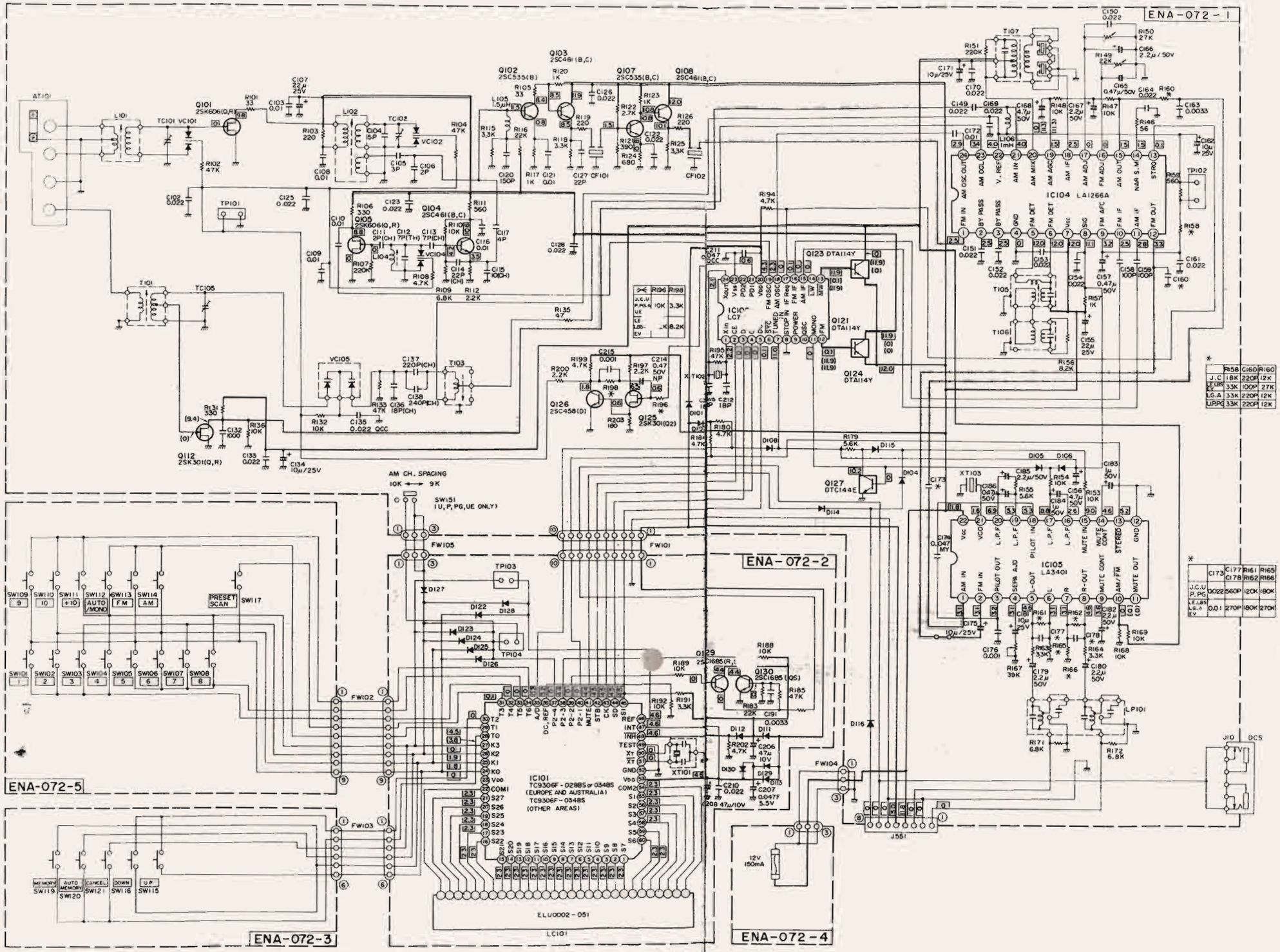
(3) Cassette & Power Amplifier Section



Notes:

1. ▭ shows DC voltage to the chassis with no signal input.
2. —— indicates ±B power supply.
3. ▬ indicates signal path.
4. When replacing the parts in the darkned are (▬) and those marked with ⚠, be sure to use the designated parts to ensure safety.
5. This is the standard circuit diagram.
   The design and contents are subject to change without notice.

Schematic Diagrams (1) FM/AM Tuner Section



Notes:

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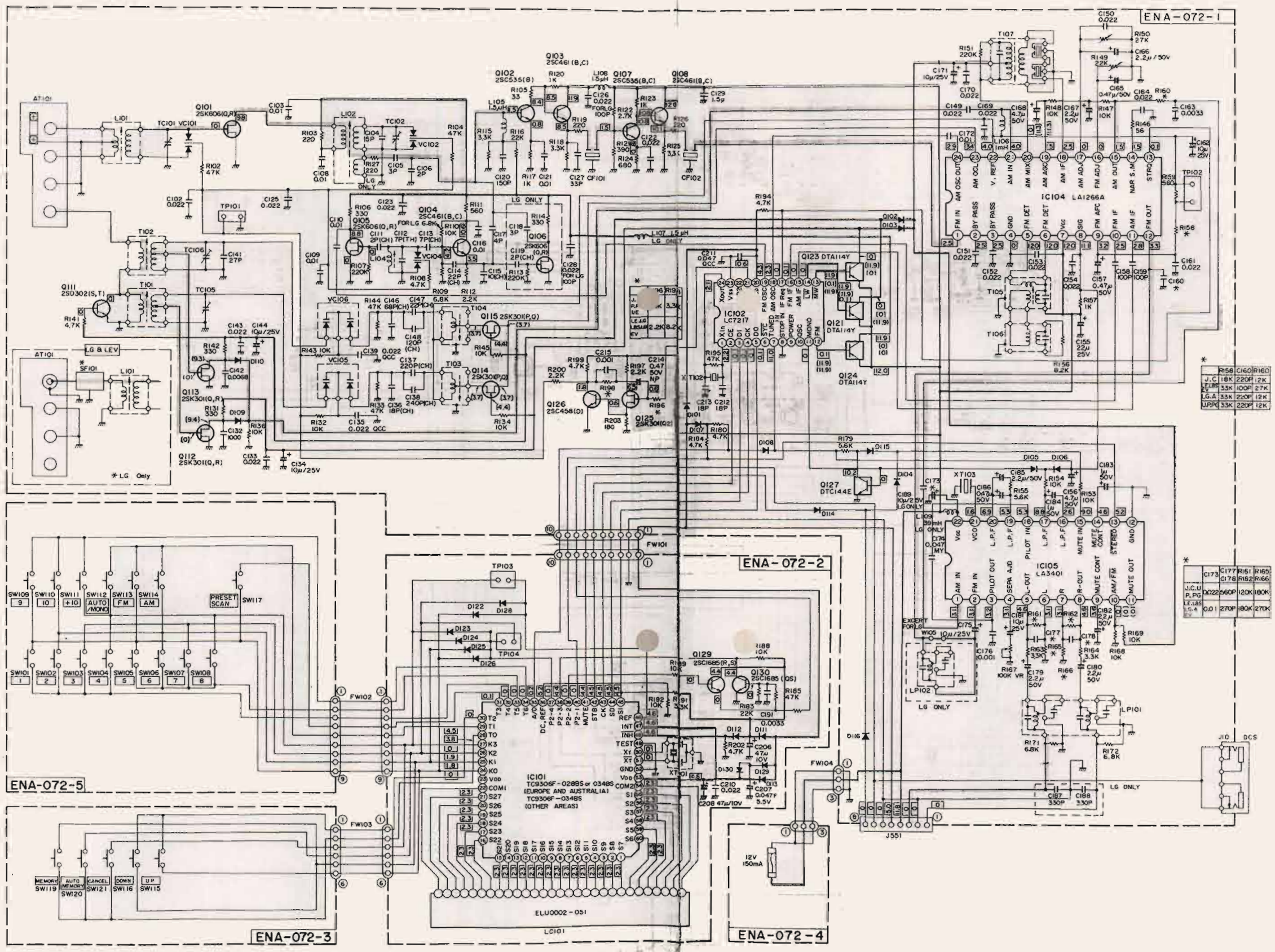
DR-E300BK DR-E300LBK	DR-E300BK DR-E300LBK

(2) FM/MW/LW Tuner Section



Notes:

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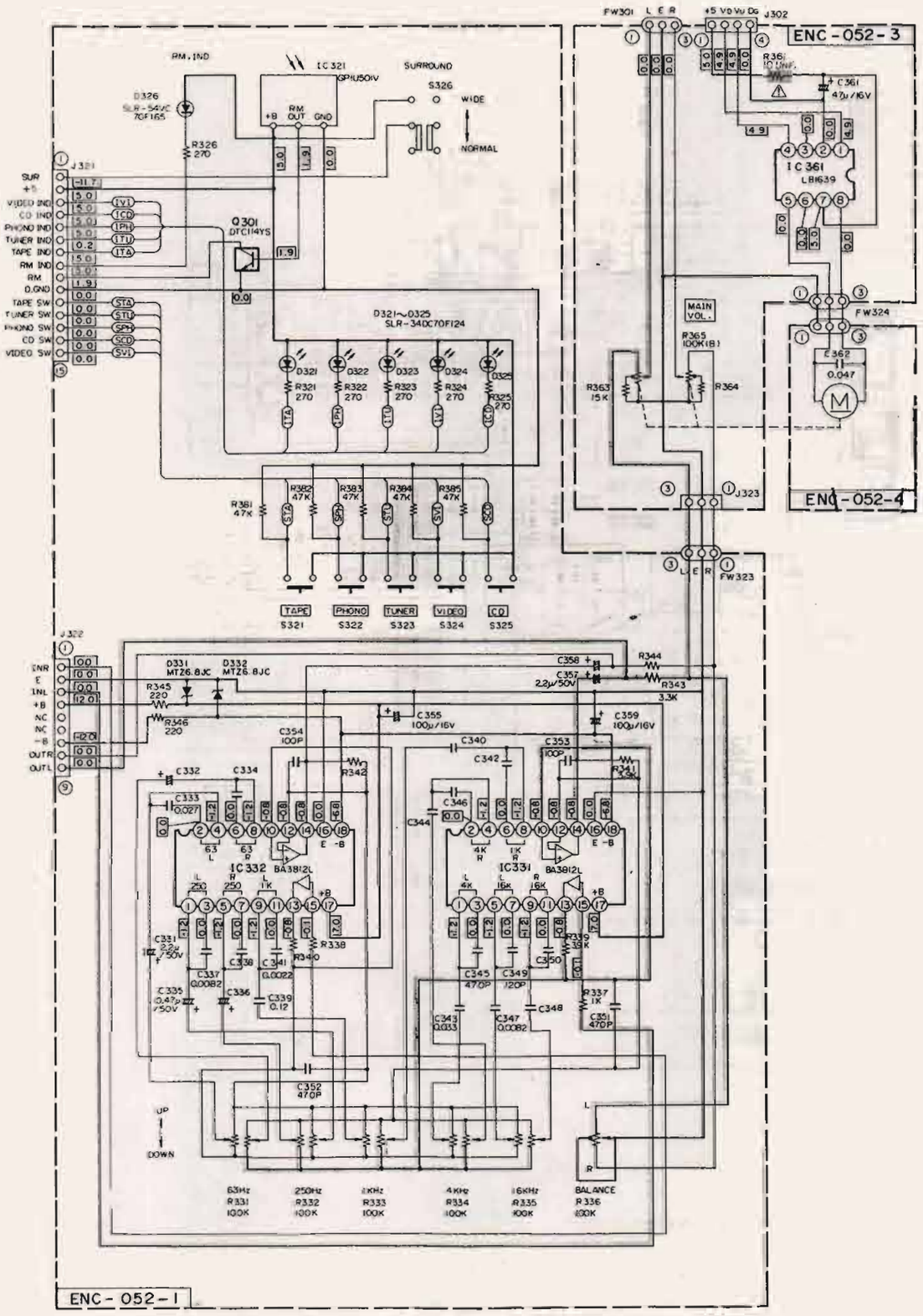
2. —— indicates ±B power supply.
3. ▬▬ indicates signal path.
4. When replacing the parts in the darkned are (▬) and those marked with ⚠, be sure to use the designated parts to ensure safety.
5. This is the standard circuit diagram.
   The design and contents are subject to change without notice.

(No. 20024) (No. 20024)

(4) Remote-control Section



ENJ-018

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
IC401	-0.2	-0.2	0	-11.9	-1.3	0	0	0	34.3	0	34.6	3.9	0	-36.1	-1.2	0	0.2	0.2
IC441	-0.6	0	0	0	0.7	0	0	1.3	3.8									
IC501	2.5	4.9	0.2	4.9	4.9	4.4	2.8	0	3.7	4.9	4.9	0.2	0.4	4.9	4.9	0	0	0
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
	2.4	0	0	5.0	0	0	5.0	0	4.9	0	0	0	0	0	0	0	4.8	0
IC551	-12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.0	0	0	0
	21	22	23	24	25	26	27	28										
	0	0	0	0	0	0	0	11.9										
IC651		1	2	3	4	5	6	7	8									
		0	0	0	0	0	11.9	0	0									
IC601		1	2	3	4	5	6	7	8	9	10	11	12	13	14			
		5.0	5.0	0	5.0	0	0	0	0	3.7	0	0	3.7	5.0	5.6			

Q441	B	C	E
	-34.0	0	-34.1

Q451	B	C	E
	0.5	0	0

Q461	B	C	E
	20.6	11.1	21.0

Q462	B	C	E
	19.9	11.1	20.6

Q463	B	C	E
	11.0	19.9	10.4

Q464	B	C	E
	5.6	10.6	5.2

Q465	B	C	E
	12.4	12.5	11.9

Q466	B	C	E
	12.4	12.5	12.4

Q511	B	C	E
	0	5.0	0

Q512	B	C	E
	0	5.0	0

Q521	B	C	E
	4.2	4.8	4.8

Q523	B	C	E
	0.6	0	0

Q524	B	C	E
	0.6	0	0

Q531	B	C	E
	-0.1	0	0

Q532	B	C	E
	-0.1	0	0

Q533	B	C	E
	-0.1	0	0

Q601	B	C	E
	0	0	0

Q602	B	C	E
	0	11.8	0

Q603	B	C	E
	0.6	0	0

Q604	B	C	E
	0	2.8	0

Q605	B	C	E
	4.4	0	0

Q621	B	C	E
	10.6	11.2	11.2

Q622	B	C	E
	0.6	0	0

Q653	B	C	E
	0	11.3	0

Q624	B	C	E
	0	10.2	0

Q626	B	C	E
	0	0	0

Q627	B	C	E
	0	0	0

Q631	B	C	E
	0.5	0	0

Q632	B	C	E
	0.6	0	0

Q651	B	C	E
	11.5	11.5	11.5

Q652	B	C	E
	0.6	0	0

J303	1	2	3	4	5	6	7
	3.7	0	0.1	0	5.1	0	5.0

P602	1	2	3	4
	10.2	11.2	11.2	11.2

P601	1	2	3	4	5	6	7	8	9
	11.9	5.0	4.5	0	2.8	0	5.1	0	0

P501	1	2
	2.2	0.2

FW551	1	2	3	4	5	6	7	8
	0	0	0	12.0	5.1	0	0	0.2

ENH-060

IC301	1	2	3	4	5	6	7	8
	0	0	0	-11.8	0	0	0	12.0

P301	1	2	3	4	5	6	7	8
	0	0	0	12.0	-11.8	0	0	0

ENJ-004-1

PM801	1	2	3	4	5	6	7	8	9	10
	0	0	3.7	5.0	0	0	11.9	0	0	0

ENJ-004-2

PM701	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	0	0	0	11.9	0	0	0	11.9	0	0	0	11.9	0	0	0

ENJ-019

IC901	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	6.0	6.0	5.9	6.0	6.0	6.0	6.0	6.0	0	1.8	6.0	11.5	3.3	6.0	6.1	6.1	5.0	2.7

IC902	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	6.0	5.9	5.9	6.0	6.0	6.0	6.0	6.0	0	1.8	6.0	11.4	3.3	6.0	6.1	6.1	6.0	2.7

Q901	B	C	E
	0.6	0	0

Q902	B	C	E
	0.6	0	0

Q903	B	C	E
	0.6	0	0

Q904	B	C	E
	0.6	0	0

Q905	B	C	E
	0	11.9	0

Q906	B	C	E
	0	11.9	0

Q907	B	C	E
	0	11.9	0

Q908	B	C	E
	0	11.9	0

Q909	B	C	E
	0	0	0

Q910	B	C	E
	0	0	0

Q911	B	C	E
	0.6	0	0

Q913	B	C	E
	0.6	0	0

Q914	B	C	E
	0.6	0	0

P901	1	2	3	4	5	6	7	8	9	10
	0	0	2.3	3.9	0	0	0	0	0	11.9

P902	1	2	3	4	5	6	7	8	9
	11.4	0.1	2.7	0	0	0	3.3	0	

Note:
The voltages have been measured under the conditions below.
SOURCE TUNER, VOLUME MIN, DECK A, B stop, SEA FLAT, BALANCE CENTER, SURROUND NOR., DOLBY NR OFF, HIGH SPEED DUBBING OFF