



Home Theatre System Service Manual

MODEL: HTS-525DVD

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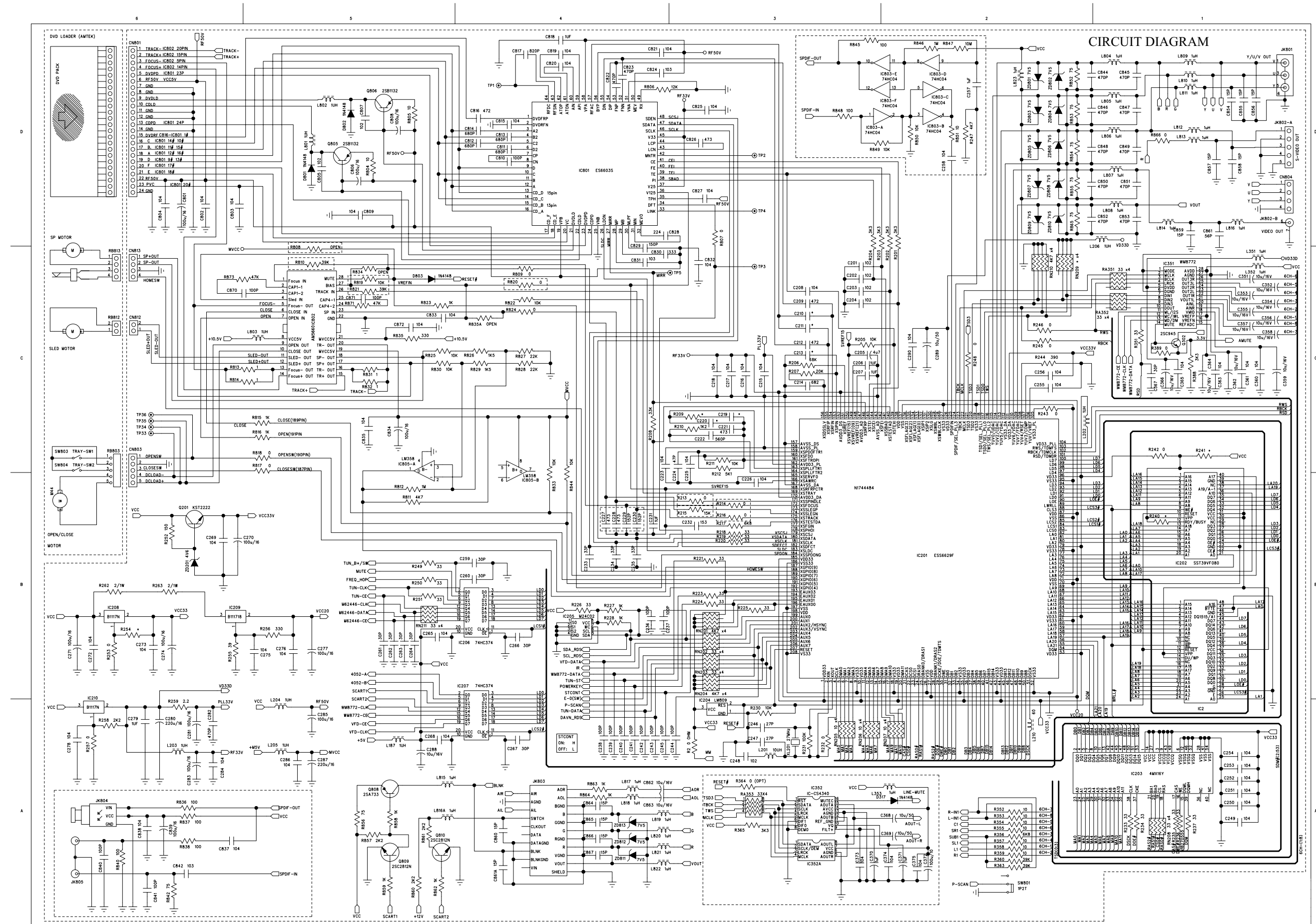
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SPECIFICATION

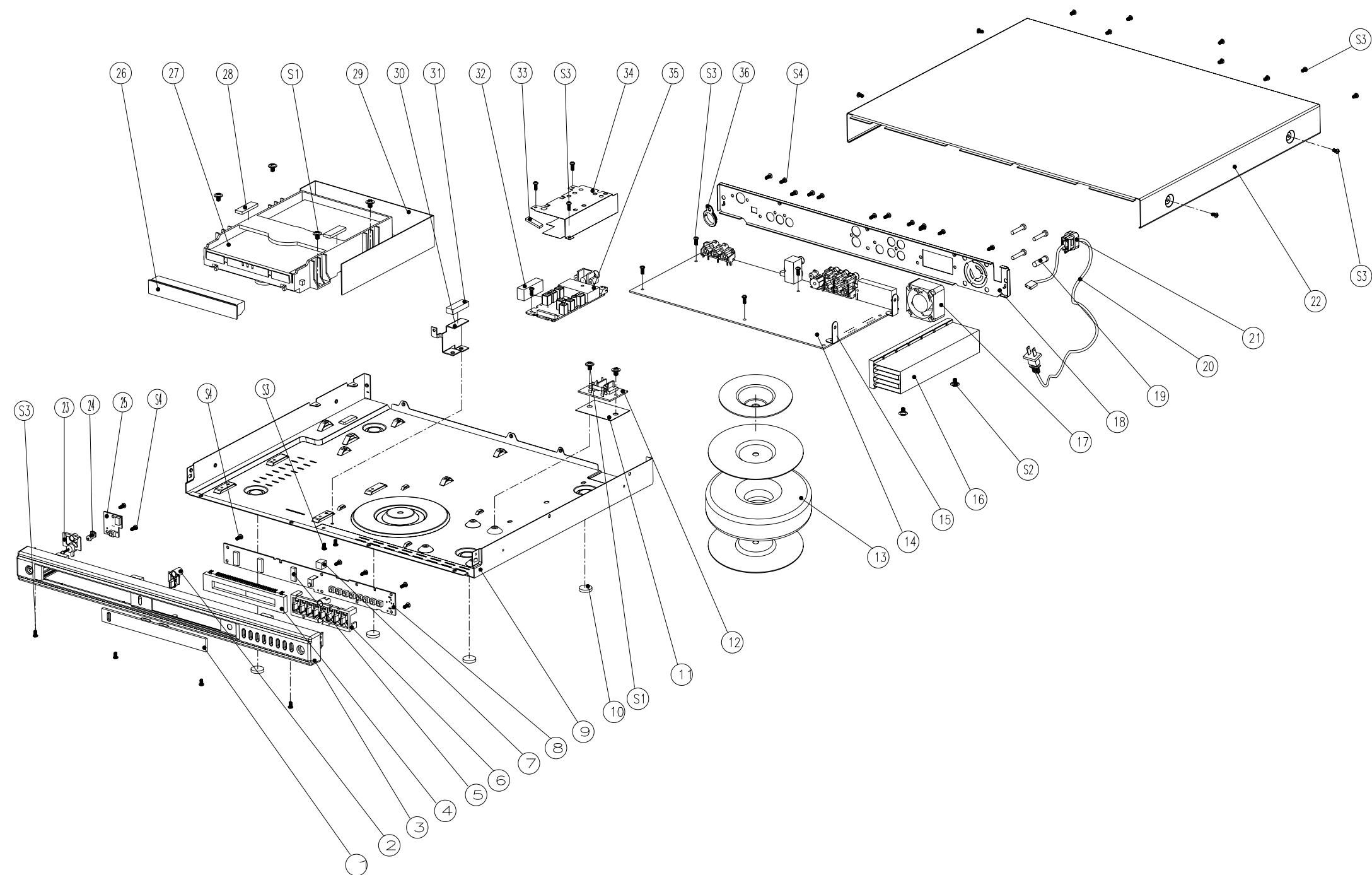
AMPLIFIER SECTION		
Output power		100 W Total power
* Front left		15 W RMS
* Front Right		15 W RMS
* Center		15 W RMS
* Rear left		15 W RMS
* Rear right		15 W RMS
* Subwoofer		25 W RMS
Frequency response		200 Hz – 18KHz / ±3dB
Signal – to – Noise Ratio		55dB
Input sensitivity	AUX In	400mV
TUNER SECTION		
Tuning range		FM87.50 – 108.00MHz (50kHz steps)
		AM 531 – 1602 kHz (9kHz steps)
26 dB Quieting sensitivity		FM ≤ 32dBf
		AM 5000uV/m
Image rejection ratio		FM 20dB
		AM 20dB
IF rejection ratio		FM 60dB
		AM 24dB
Signal-to-noise ratio		FM 50dB
		AM 40dB
AM suppression ratio		FM 30dB
Harmonic distortion		FM Mono 3%
		FM Stereo 3%
		AM 5%
Frequency response		FM 180Hz – 10kHz /±6dB
Stereo separation		FM 26dB (1kHz)
DISC SECTION		
Laser type		Semiconductor
Disc diameter		12 cm /8 cm
Video DAC		10 Bits
Signal system		PAL /NTSC
Video format		4:3 /16:9
Video S/N		56 dB (minimum)

Composite video output	1.0 Vp-p, 75ohm
S-video output	Y-1.0 Vp-p, 75ohm
	C-0.286 Vp-p, 75ohm
Audio DAC	24 Bits /96kHz
Frequency response	4 Hz – 20 kHz (44.1kHz)
	4 Hz – 44 kHz (96 kHz)
MAIN UNIT	
Power supply rating	230V /50Hz
Power consumption	100W
Dimensions (w x d x h) mm	430 x 365 x 37
Weight	4.84 kg
SPEAKER	
Rate impedance	8 ohm
Speaker driver	2.5"
Frequency response	150 Hz – 18 kHz
Dimension (w x d x h) mm	90 x 110 x 101
Weight	0.46 Kg
PASSIVE SUBWOOFER	
Rate impedance	4 ohm
Speaker drivers	5.25"
Frequency response	50 Hz – 150 Hz
Dimension (w x d x h) mm	180 x 245 x 265
Weight	2.77kg

Specification subject to change without prior notice.



EXPLODED VIEW



PART LIST

No	Part Name	Qty
1	Display lens	1
2	Open /close	1
3	Front cab	1
4	VFD	1
5	Sponge	3
6	Fun knob	1
7	Sponge	1
8	Control PCB assy	1
9	Bottom	1
10	Rubber pad	1
11	PVC sheet	1
12	Power PCB assy	1
13	Power trans	1
14	Main PCB assy	1
15	Bracket	2
16	Heat sink	1
17	DC fan	1
18	Back cover	1
19	Snap rivet	4
20	Line cord	1
21	Bushing	1
22	Top cover	1
23	Power knob	1
24	LED lens	1
25	Key PCB assy	1
26	DVD door	1
27	DVD mechanical	1
28	Sponge	2
29	Conductivity copper	1
30	Bracket	1
31	Emi sponge	1
32	Emi sponge	1
33	Sponge	2

No	Part Name	Qty
34	Radio cover	1
35	Radio PCB assy	1
36	Antenna holder	1
S1	Screw	6
S2	Screw	2
S3	Screw	28
S4	Screw	19

