



website: <http://biz.LGservice.com>
e-mail: <http://www.LGservice.com/techsup.html>

LCD TV

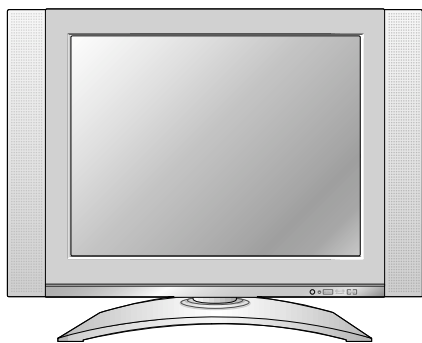
SERVICE MANUAL

CHASSIS : ML-024D

MODEL : RZ-20LA66

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



CONTENTS

CONTENTS	2
PRODUCT SAFETY	3
DESCRIPTION OF CONTROLS	4
SPECIFICATION	7
ADJUSTMENT INSTRUCTION	9
BLOCK DIAGRAM.....	15
EXPLODED VIEW	17
EXPLODED VIEW PARTS LIST	18
REPLACEMENT PARTS LIST	19

PRODUCT SAFETY

IMPORTANT SAFETY NOTICE

This manual was prepared for use only by properly trained audiovisual service technicians. When servicing this product, under no circumstances should the original design be modified or altered without permission from LG Electronics Inc. All components should be replaced only with types identical to those in the original circuit and their physical location, wiring, and lead dress must conform to original layout upon completion of repairs. If any fuse (or Fusible Resistor) in this TV receiver is blown, replace it only with the factory specified fuse type and rating. When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB. Always keep wires away from high voltage or high temperature parts.

Special components are also used to prevent shock and fire hazard.

These components are indicated by the letter "x" included in their component designators and are required to maintain safe performance. No deviations are allowed without prior approval by LG Electronics Inc. Service work should be performed only after you are thoroughly familiar with these safety checks and servicing guidelines.

Circuit diagrams may occasionally differ from the actual circuit used.

This way, implementation of the latest safety and performance improvement changes into the set is not delayed until the new service literature is printed.

CAUTION: Do not attempt to modify this product in any way.

Never perform customized installations without manufacturer's approval.

Unauthorized modifications will not only void the warranty, but may lead to property damage or user injury.

GENERAL GUIDANCE

An Isolation Transformer should always be used during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating to protect against personal injury from electrical shocks. It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

Before returning the receiver to the customer, always perform an AC leakage current check on the exposed metallic parts of the cabinet, such as antennas, terminals, etc., to be sure the set is safe to operate without damage of electrical shock.

LEAKAGE CURRENT COLD CHECK (ANTENNA COLD CHECK)

With the instrument's AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together, and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc. If the exposed metallic part has a return path to the chassis, the measured resistance should be between 1M Ω and 5.2M Ω . When the exposed metal has no return path to the chassis the reading must be infinite. Any other abnormality that exists must be corrected before the receiver is returned to the customer.

ELECTROSTATICALLY SENSITIVE DEVICES

Some semiconductor (solid-state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on the body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as an ESD mat, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charge sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil, or comparable conductive material.)
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

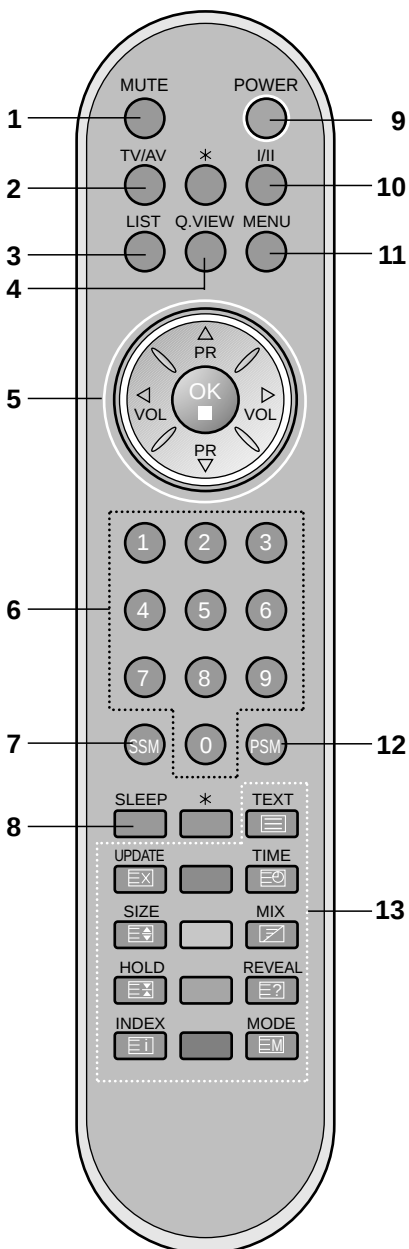
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise, seemingly harmless motion, such as the brushing together of your clothing or the lifting of your foot from a carpeted floor, can generate static electricity sufficient to damage an ES device.)

DESCRIPTION OF CONTROLS

All the functions can be controlled with the remote control handset. Some functions can also be adjusted with the buttons on the side panel of the set.

Remote control handset

Before you use the remote control handset, please install the batteries. See the next page.



- 1. MUTE**
switches the sound on or off.
- 2. TV/AV**
selects TV or AV mode.
clears the menu from the screen.
switches the set on from standby.
- 3. LIST**
displays the programme table.
- 4. Q.VIEW**
returns to the previously viewed programme.
- 5. ▲ / ▼ (Programme Up/Down)**
selects a programme or a menu item.
switches the set on from standby.
- ◀ / ▶ (Volume Up/Down)**
adjusts the volume.
adjusts menu settings.
- OK**
accepts your selection or displays the current mode.
- 6. NUMBER BUTTONS**
switches the set on from standby and selects a programme.
- 7. SSM (Sound Status Memory)**
recalls your preferred sound setting.
- 8. SLEEP**
sets the sleep timer.

9. POWER

switches the set on from standby or off to standby.

10. I/II

selects the language during dual language broadcast.
selects the sound output (option).

11. MENU

selects a menu.

12. PSM (Picture Status Memory)

recalls your preferred picture setting.

13. TELETEXT BUTTONS (option)

These buttons are used for teletext.
For further details, see the Teletext section.

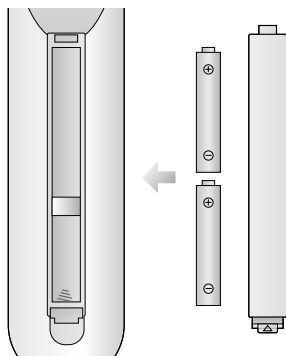
*** : No function**

COLOURED BUTTONS

These buttons are used for teletext (only TELETEXT models) or programme edit.

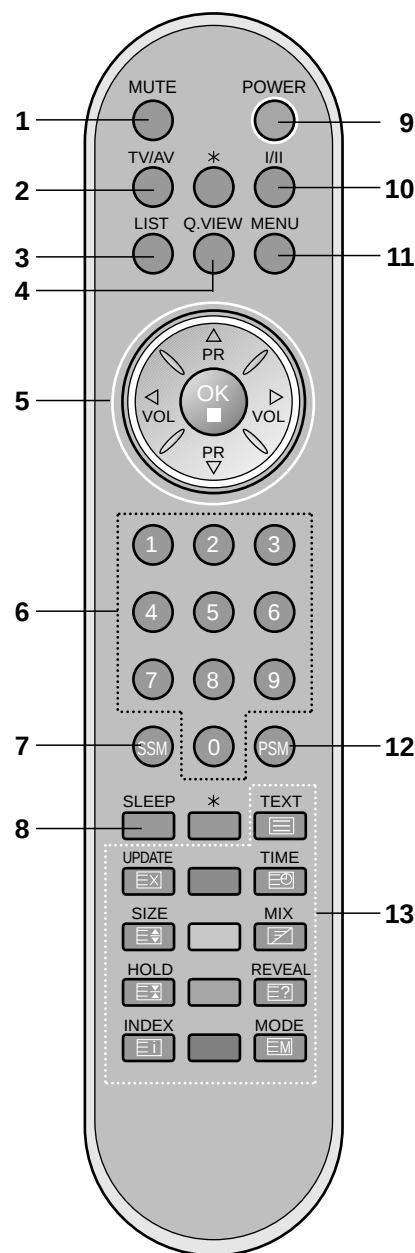
Battery installation

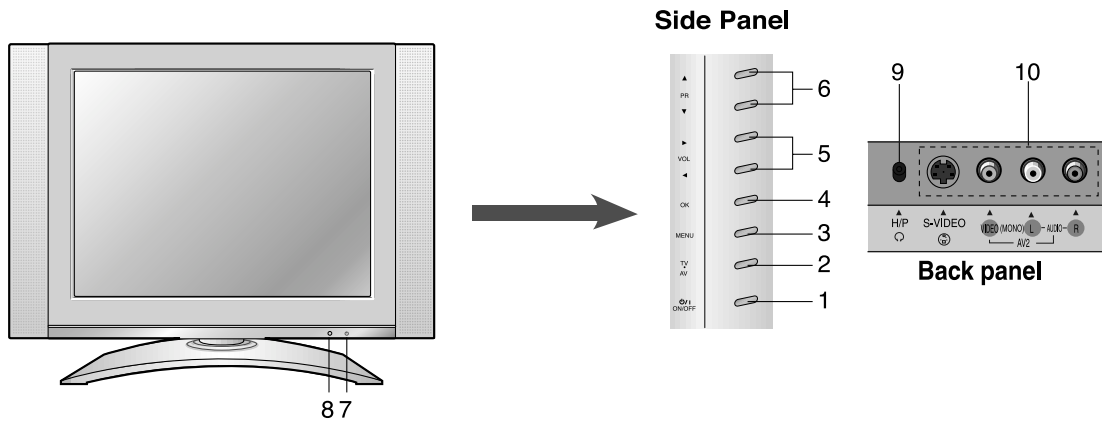
marked inside the compartment.



The remote control handset is powered by two AAA/Alkaline type batteries. To load the batteries, turn the remote control handset over and open the battery compartment. Install two batteries as indicated by the polarity symbols (+ and -)

Note : To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the remote control handset for an extended period of time.





1. **ON/OFF**
switches the set on from standby or of standby
Note : Power line lives even when the power is off.
2. **TV/AV**
selects TV or AV monitor mode.
clears the menu from the screen.
switches the set on from standby
3. **MENU**
selects a menu.
4. **OK**
accepts your selection or displays the current mode.
5. **◀/▶ (Volume Up/Down)**
adjusts the volume.
adjusts menu settings.
6. **▲/▼ (Programme Up/Down)**
selects a programme or a menu item.
switches the set on from standby

7. **POWER/STANDBY INDICATOR (⏻)**
illuminates red in standby mode.
illuminates green when the set is switched on.
8. **REMOTE CONTROL SENSOR**
9. **HEADPHONE SOCKET**
Connect the headphone plug to this socket.
10. **AUDIO/VIDEO IN SOCKETS (AV2)**
Connect the audio/video out sockets of external equipment to these sockets.

S-VIDEO/AUDIO IN SOCKETS (SAV)

Connect the video out socket of an S-VIDEO VCR to the S-VIDEO socket.
Connects the audio out sockets of the S-VIDEO VCR to the audio sockets as in AV2

SPECIFICATION

NOTE : Specifications and others are subject to change without notice for improvement.

1. Application range

This specification is applied to ML-024D chassis.

2. Requirement for Test

Testing for standard of each part must be followed in below condition.

- (1) Temperature: 25°C ± 5°C(But, CST must be tested 40°C ± 2°C (Humidity: 50%))
- (2) Humidity: 65% ± 10%
- (3) Power: Standard input voltage (AC 100-220V, 50/60Hz)
- (4) Measurement must be performed after heat-run more than 15min.
- (5) Adjusting standard for this chassis is followed a special standard.

3. Test and Inspection method

- (1) Capacity: Follow LG electronics TV Testing Standard.
- (2) Another Required Standard
Follow the standard of each nation.

4.General Specification

No.	Item	Specification				Remark
		Min	Typ	Max	Unit	
1	Receivable broadcasting system	1)PAL/SECAM-BG 2)PAL/SECAM-DK 3)PAL-I/I 4)SECAM-L/L' 5)NTSC -M 6)NTSC 4.43(AV)				EU/Non-EU (PAL Market)
		7)PAL N/M 8)NTSC-M				NTSC Market
2	RF input channel	VHF: E02 ~ E12 UHF : E21 ~ E69 CATV : S1 ~ S20 HYPER : S21 ~ S41				PAL
		L/L' : B,C,D				FRANCE
		VHF : 2 ~13 UHF : 14 ~ 69 CATV : 1 ~ 125				NTSC
		VHF low : 1~M10 VHF high : 4~S22 UHF : S23~62				JAPAN
3	Input voltage	AC 100 - 220V ± 10%, 50/60Hz				
4	Tuning system	FVS 100 program FS				PAL, 200PR.(option) NTSC
5	Operating temperature	0		50	deg	
6	Operating humidity	20		90	%	
7	Storage temperature	-20		60	deg	
8	Storage humidity	5		90	%	

5. Feature and Function

No.	Item	Specification	Remark
1	Teletext	TOP,FLOF,LIST 10 page	TOP(option)
2	REMOCON	RC-5 /NEC code(PAL), NEC CODE(NTSC)	
3	AV input	1	Rear
4	S-Video input	1	Side
5	Component input	1 Y, PB, PR	option, NON EU, NTSC
6	SCART	Full SCART : 1	Rear(option,EU)
7	H/P output	1	Rear
8	2 Carrier stereo	BG, DK	
9	NICAM stereo	BG, I, LL'	
10	2 Carrier dual	BG, DK	
11	NICAM dual	BG, I, LL'	
12	Local Key	TV/Video, menu, enter(OK), Vol(◀,▶), Channel(▲,▼)	
13	AVL	O	
14	On/Off Timer	O	
15	APC	O	PAL: PSM
16	DASP	O	PAL: SSM

ADJUSTMENT INSTRUCTION

1. Application Object

This instruction is for the application to the LCD TV.

2. Notes

- (1) This set uses an adapter, so connect the adapter and the set correctly before adjustment.
- (2) The adjustment must be performed under the correct sequence.
- (3) The adjustment must be performed in the circumstance of $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ of temperature and $65 \pm 10\%$ of relative humidity if there is no specific designation.
- (4) The set must be operated for 15 minutes preliminarily before adjustment if there is no specific designation.

['Heat Run' must be performed with the full white signal or TV noise signal in the internal part of the set.

[The time for 'Heat Run' can be changed owing to production plan.

[Line Test condition (TV): standard color signal $65 \pm 1 \text{ dBuV}$

3. Option 1 data setting (200PR ~ A2 ST:1bit, SYS:2bit composition)

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
3	0	0	0	0	0	0	3
4	0	0	0	0	0	1	0
5	0	0	0	0	0	1	1
6	0	0	0	0	0	1	2
7	0	0	0	0	0	1	3
8	0	0	0	0	1	0	0
9	0	0	0	0	1	0	1
10	0	0	0	0	1	0	2
11	0	0	0	0	1	0	3
12	0	0	0	0	1	1	0
13	0	0	0	0	1	1	1
14	0	0	0	0	1	1	2
15	0	0	0	0	1	1	3
16	0	0	0	1	0	0	0
17	0	0	0	1	0	0	1
18	0	0	0	1	0	0	2
19	0	0	0	1	0	0	3
20	0	0	0	1	0	1	0
21	0	0	0	1	0	1	1
22	0	0	0	1	0	1	2
23	0	0	0	1	0	1	3
24	0	0	0	1	1	0	0
25	0	0	0	1	1	0	1
26	0	0	0	1	1	0	2
27	0	0	0	1	1	0	3
28	0	0	0	1	1	1	0
29	0	0	0	1	1	1	1
30	0	0	0	1	1	1	2
31	0	0	0	1	1	1	3

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
32	0	0	1	0	0	0	0
33	0	0	1	0	0	0	1
34	0	0	1	0	0	0	2
35	0	0	1	0	0	0	3
36	0	0	1	0	0	1	0
37	0	0	1	0	0	1	1
38	0	0	1	0	0	1	2
39	0	0	1	0	0	1	3
40	0	0	1	0	1	0	0
41	0	0	1	0	1	0	1
42	0	0	1	0	1	0	2
43	0	0	1	0	1	0	3
44	0	0	1	0	1	1	0
45	0	0	1	0	1	1	1
46	0	0	1	0	1	1	2
47	0	0	1	0	1	1	3
48	0	0	1	1	0	0	0
49	0	0	1	1	0	0	1
50	0	0	1	1	0	0	2
51	0	0	1	1	0	0	3
52	0	0	1	1	0	1	0
53	0	0	1	1	0	1	1
54	0	0	1	1	0	1	2
55	0	0	1	1	0	1	3
56	0	0	1	1	1	0	0
57	0	0	1	1	1	0	1
58	0	0	1	1	1	0	2
59	0	0	1	1	1	0	3
60	0	0	1	1	1	1	0
61	0	0	1	1	1	1	1
62	0	0	1	1	1	1	2
63	0	0	1	1	1	1	3

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
64	0	1	0	0	0	0	0
65	0	1	0	0	0	0	1
66	0	1	0	0	0	0	2
67	0	1	0	0	0	0	3
68	0	1	0	0	0	1	0
69	0	1	0	0	0	1	1
70	0	1	0	0	0	1	2
71	0	1	0	0	0	1	3
72	0	1	0	0	1	0	0
73	0	1	0	0	1	0	1
74	0	1	0	0	1	0	2
75	0	1	0	0	1	0	3
76	0	1	0	0	1	1	0
77	0	1	0	0	1	1	1
78	0	1	0	0	1	1	2
79	0	1	0	0	1	1	3
80	0	1	0	1	0	0	0
81	0	1	0	1	0	0	1
82	0	1	0	1	0	0	2
83	0	1	0	1	0	0	3
84	0	1	0	1	0	1	0
85	0	1	0	1	0	1	1
86	0	1	0	1	0	1	2
87	0	1	0	1	0	1	3
88	0	1	0	1	1	0	0
89	0	1	0	1	1	0	1
90	0	1	0	1	1	0	2
91	0	1	0	1	1	0	3
92	0	1	0	1	1	1	0
93	0	1	0	1	1	1	1
94	0	1	0	1	1	1	2
95	0	1	0	1	1	1	3
96	0	1	1	0	0	0	0
97	0	1	1	0	0	0	1
98	0	1	1	0	0	0	2
99	0	1	1	0	0	0	3
100	0	1	1	0	0	1	0
101	0	1	1	0	0	1	1
102	0	1	1	0	0	1	2
103	0	1	1	0	0	1	3
104	0	1	1	0	1	0	0
105	0	1	1	0	1	0	1
106	0	1	1	0	1	0	2
107	0	1	1	0	1	0	3
108	0	1	1	0	1	1	0
109	0	1	1	0	1	1	1

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
110	0	1	1	0	1	1	2
111	0	1	1	0	1	1	3
112	0	1	1	1	0	0	0
113	0	1	1	1	0	0	1
114	0	1	1	1	0	0	2
115	0	1	1	1	0	0	3
116	0	1	1	1	0	1	0
117	0	1	1	1	0	1	1
118	0	1	1	1	0	1	2
119	0	1	1	1	0	1	3
120	0	1	1	1	1	0	0
121	0	1	1	1	1	0	1
122	0	1	1	1	1	0	2
123	0	1	1	1	1	0	3
124	0	1	1	1	1	1	0
125	0	1	1	1	1	1	1
126	0	1	1	1	1	1	2
127	0	1	1	1	1	1	3
128	1	0	0	0	0	0	0
129	1	0	0	0	0	0	1
130	1	0	0	0	0	0	2
131	1	0	0	0	0	0	3
132	1	0	0	0	0	1	0
133	1	0	0	0	0	1	1
134	1	0	0	0	0	1	2
135	1	0	0	0	0	1	3
136	1	0	0	0	1	0	0
137	1	0	0	0	1	0	1
138	1	0	0	0	1	0	2
139	1	0	0	0	1	0	3
140	1	0	0	0	1	1	0
141	1	0	0	0	1	1	1
142	1	0	0	0	1	1	2
143	1	0	0	0	1	1	3
144	1	0	0	1	0	0	0
145	1	0	0	1	0	0	1
146	1	0	0	1	0	0	2
147	1	0	0	1	0	0	3
148	1	0	0	1	0	1	0
149	1	0	0	1	0	1	1
150	1	0	0	1	0	1	2
151	1	0	0	1	0	1	3
152	1	0	0	1	1	0	0
153	1	0	0	1	1	0	1
154	1	0	0	1	1	0	2
155	1	0	0	1	1	0	3

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
156	1	0	0	1	1	1	0
157	1	0	0	1	1	1	1
158	1	0	0	1	1	1	2
159	1	0	0	1	1	1	3
160	1	0	1	0	0	0	0
161	1	0	1	0	0	0	1
162	1	0	1	0	0	0	2
163	1	0	1	0	0	0	3
164	1	0	1	0	0	1	0
165	1	0	1	0	0	1	1
166	1	0	1	0	0	1	2
167	1	0	1	0	0	1	3
168	1	0	1	0	1	0	0
169	1	0	1	0	1	0	1
170	1	0	1	0	1	0	2
171	1	0	1	0	1	0	3
172	1	0	1	0	1	1	0
173	1	0	1	0	1	1	1
174	1	0	1	0	1	1	2
175	1	0	1	0	1	1	3
176	1	0	1	1	0	0	0
177	1	0	1	1	0	0	1
178	1	0	1	1	0	0	2
179	1	0	1	1	0	0	3
180	1	0	1	1	0	1	0
181	1	0	1	1	0	1	1
182	1	0	1	1	0	1	2
183	1	0	1	1	0	1	3
184	1	0	1	1	1	0	0
185	1	0	1	1	1	0	1
186	1	0	1	1	1	0	2
187	1	0	1	1	1	0	3
188	1	0	1	1	1	1	0
189	1	0	1	1	1	1	1
190	1	0	1	1	1	1	2
191	1	0	1	1	1	1	3
192	1	1	0	0	0	0	0
193	1	1	0	0	0	0	1
194	1	1	0	0	0	0	2
195	1	1	0	0	0	0	3
196	1	1	0	0	0	1	0
197	1	1	0	0	0	1	1
198	1	1	0	0	0	1	2
199	1	1	0	0	0	1	3
200	1	1	0	0	1	0	0
201	1	1	0	0	1	0	1

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
202	01	1	0	0	1	0	2
203	1	1	0	0	1	0	3
204	1	1	0	0	1	1	0
205	1	1	0	0	1	1	1
206	1	1	0	0	1	1	2
207	1	1	0	0	1	1	3
208	1	1	0	1	0	0	0
209	1	1	0	1	0	0	1
210	1	1	0	1	0	0	2
211	1	1	0	1	0	0	3
212	1	1	0	1	0	1	0
213	1	1	0	1	0	1	1
214	1	1	0	1	0	1	2
215	1	1	0	1	0	1	3
216	1	1	0	1	1	0	0
217	1	1	0	1	1	0	1
218	1	1	0	1	1	0	2
219	1	1	0	1	1	0	3
220	1	1	0	1	1	1	0
221	1	1	0	1	1	1	1
222	1	1	0	1	1	1	2
223	1	1	0	1	1	1	3
224	1	1	1	0	0	0	0
225	1	1	1	0	0	0	1
226	1	1	1	0	0	0	2
227	1	1	1	0	0	0	3
228	1	1	1	0	0	1	0
229	1	1	1	0	0	1	1
230	1	1	1	0	0	1	2
231	1	1	1	0	0	1	3
232	1	1	1	0	1	0	0
233	1	1	1	0	1	0	1
234	1	1	1	0	1	0	2
235	1	1	1	0	1	0	3
236	1	1	1	0	1	1	0
237	1	1	1	0	1	1	1
238	1	1	1	0	1	1	2
239	1	1	1	0	1	1	3
240	1	1	1	1	0	0	0
241	1	1	1	1	0	0	1
242	1	1	1	1	0	0	2
243	1	1	1	1	0	0	3
244	1	1	1	1	0	1	0
245	1	1	1	1	0	1	1
246	1	1	1	1	0	1	2
247	1	1	1	1	0	1	3

OPTION Data	200PR	TEXT	I/II SV	TOP	SCART	A2 ST	SYS
248	1	1	1	1	1	0	0
249	1	1	1	1	1	0	1
250	1	1	1	1	1	0	2
251	1	1	1	1	1	0	3
252	1	1	1	1	1	1	0
253	1	1	1	1	1	1	1
254	1	1	1	1	1	1	2
255	1	1	1	1	1	1	3

4. Option2 data(ACMS~BBACK:1bit,LANG:3bit)

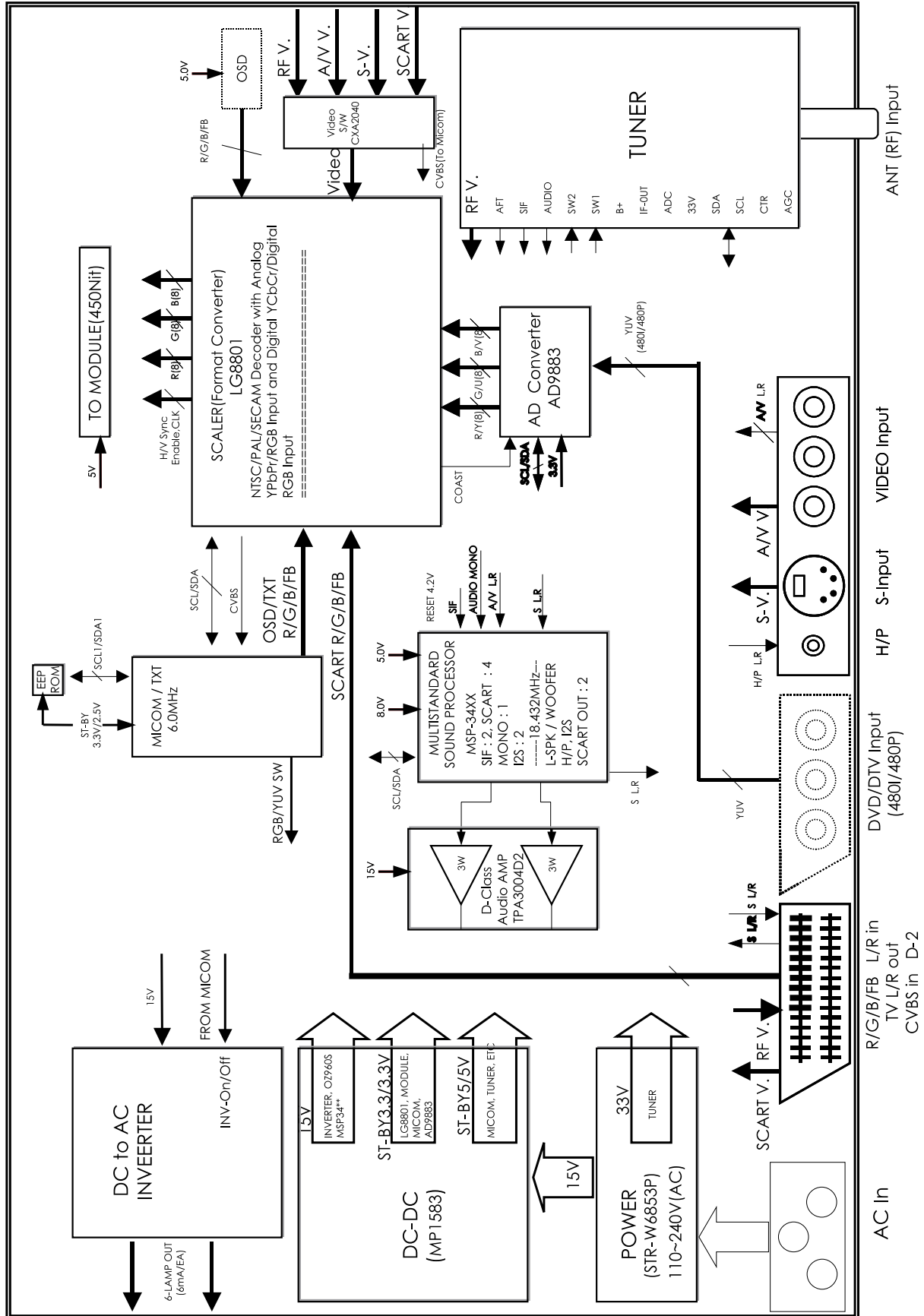
OPTION Data	ACMS	VOL	BBACK	LANG
0	0	0	0	0
1	0	0	0	1
2	0	0	0	2
3	0	0	0	3
4	0	0	0	4
5	0	0	0	5
6	0	0	0	6
7	0	0	0	7
8	0	0	1	0
9	0	0	1	1
10	0	0	1	2
11	0	0	1	3
12	0	0	1	4
13	0	0	1	5
14	0	0	1	6
15	0	0	1	7
16	0	1	0	0
17	0	1	0	1
18	0	1	0	2
19	0	1	0	3
20	0	1	0	4
21	0	1	0	5
22	0	1	0	6
23	0	1	0	7
24	0	1	1	0
25	0	1	1	1
26	0	1	1	2
27	0	1	1	3
28	0	1	1	4
29	0	1	1	5
30	0	1	1	6
31	0	1	1	7

OPTION Data	ACMS	VOL	BBACK	LANG
32	1	0	0	0
33	1	0	0	1
34	1	0	0	2
35	1	0	0	3
36	1	0	0	4
37	1	0	0	5
38	1	0	0	6
39	1	0	0	7
40	1	0	1	0
41	1	0	1	1
42	1	0	1	2
43	1	0	1	3
44	1	0	1	4
45	1	0	1	5
46	1	0	1	6
47	1	0	1	7
48	1	1	0	0
49	1	1	0	1
50	1	1	0	2
51	1	1	0	3
52	1	1	0	4
53	1	1	0	5
54	1	1	0	6
55	1	1	0	7
56	1	1	1	0
57	1	1	1	1
58	1	1	1	2
59	1	1	1	3
60	1	1	1	4
61	1	1	1	5
62	1	1	1	6
63	1	1	1	7

5. Option3 data(IIC AFT~CH+AU:1bit)

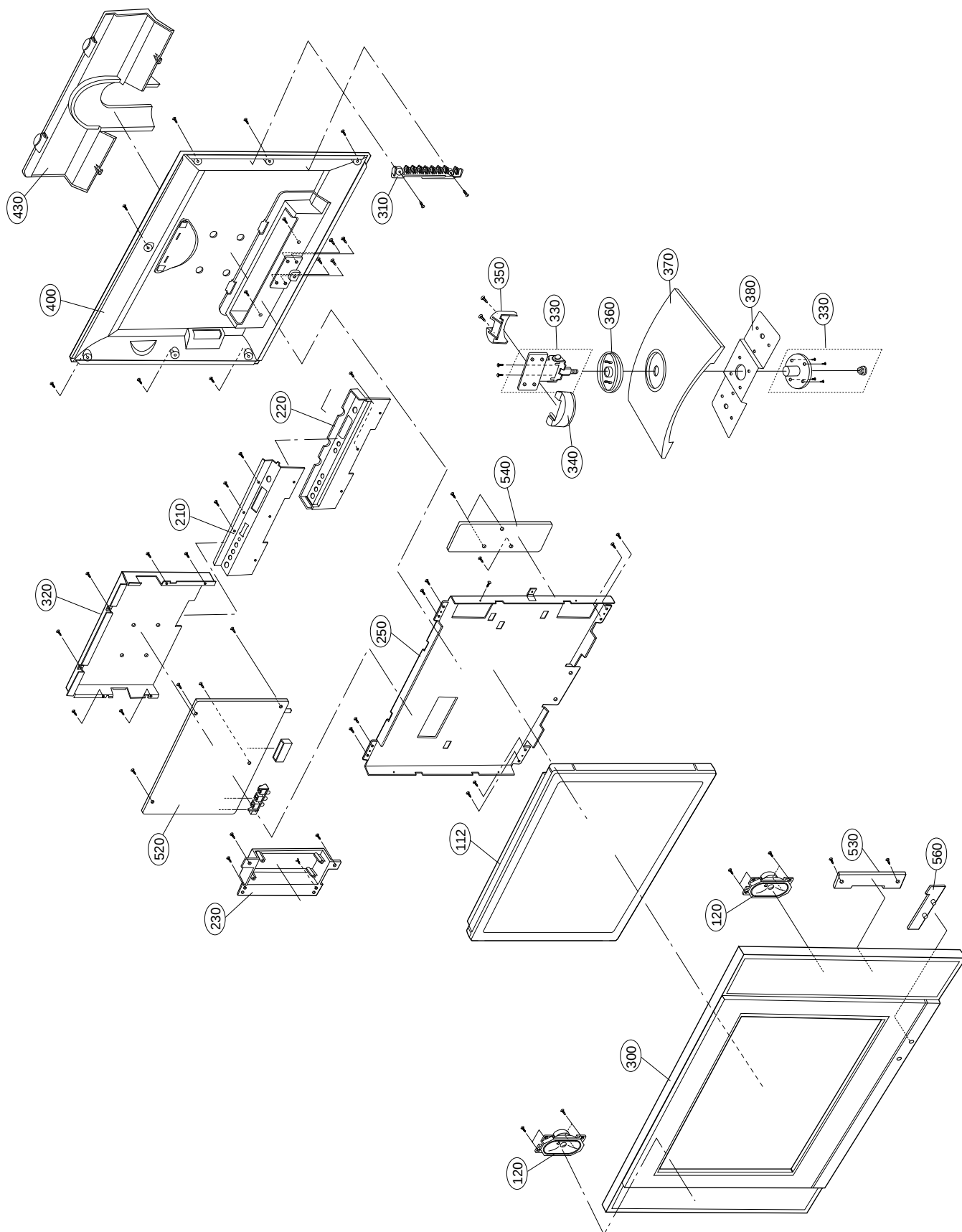
OPTION Data	HiDEV	TSS	IIC T	MONO	CH+AUS
0	0	0	0	0	0
1	0	0	0	0	1
2	0	0	0	1	0
3	0	0	0	1	1
4	0	0	1	0	0
5	0	0	1	0	1
6	0	0	1	1	0
7	0	0	1	1	1
8	0	1	0	0	0
9	0	1	0	0	1
10	0	1	0	1	0
11	0	1	0	1	1
12	0	1	1	0	0
13	0	1	1	0	1
14	0	1	1	1	0
15	0	1	1	1	1
16	1	0	0	0	0
17	1	0	0	0	1
18	1	0	0	1	0
19	1	0	0	1	1
20	1	0	1	0	0
21	1	0	1	0	1
22	1	0	1	1	0
23	1	0	1	1	1
24	1	1	0	0	0
25	1	1	0	0	1
26	1	1	0	1	0
27	1	1	0	1	1
28	1	1	1	0	0
29	1	1	1	0	1
30	1	1	1	1	0
31	1	1	1	1	1

BLOCK DIAGRAM



MEMO

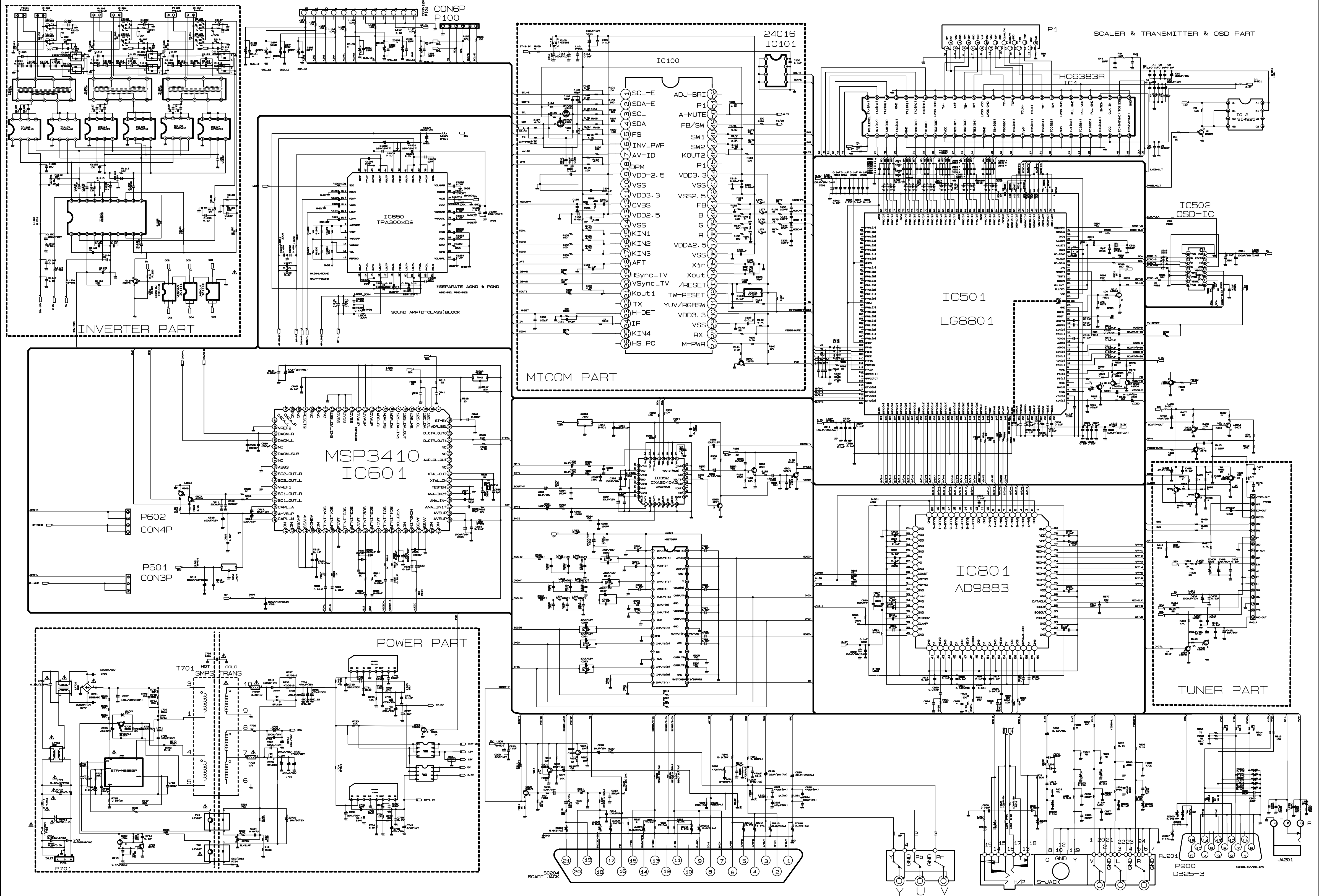
EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	PART NO.	DESCRIPTION
112	6306V20002A	LCD(LIQUID CRYSTAL DISPLAY), V201V1-T02 VGA CHIMEI TFT COLOR NON
120	6400GKTX01A	SPEAKER,FULLRANGE, F1527C-6428 K-TONE FULL-RANGE(GENERAL) 8OHM 7/12W 83DB OTHERS 34.5X71
210	4811V00076F	BRACKET ASSEMBLY, REAR AV RZ-20LA66 ML024D 70B SPRAY
220	4810V00925E	BRACKET, REAR AV RZ-20LA66 ML024D HIPS 407AF 70B SPRAY
230	4810V00950B	BRACKET, AV RZ-20LA62 ML024A HIPS 60HR .
250	4950V00188A	METAL, FRAME SBHG FOR CMO MODULE
	4950V00188B	METAL, FRAME SBHG C/SKD
300	3091V00491N	CABINET ASSEMBLY, RZ-20LA62(SET) NON ML024G .
	3091TKD004B	CABINET ASSEMBLY, RZ-20LA66 BRAND 3090V00442 SKD
310	5020V00776B	BUTTON, CONTROL RU-20LA60 ABS, HF-380 8KEY .
320	4950V00192A	METAL, SHIELD SBHG ML024
	4950V00192C	METAL, SHIELD SBHG 20LA70 C/SKD
330	4950V00157C	METAL,HINGE ASSY SPCC(CR) 20LA60
340	4810V00767B	BRACKET,STAND HINGE FRONT RU-20LA60 ML012B ABS, HF-380 .
350	4810V00768B	BRACKET,STAND HINGE COVER RU-20LA60 ML012B ABS, HF-380 .
360	4810V00766B	BRACKET,DECO STAND RU-20LA60 ML012B ABS, HF-380 .
370	4810V00769B	BRACKET,STAND RU-20LA60 ML012B ABS, HF-380 BASE
380	4950V00133B	METAL,BASE SPCC(CR) .
400	3809TKD003E	BACK COVER ASSEMBLY, RZ-20LA66 3808V00366 3850VC0002F
	809TKD003F	BACK COVER ASSEMBLY, RZ-20LA66 3808V00366 SKD
430	3550V00297B	COVER, REAR AV RU-20LA60 ABS, HF-380 .
	3550V00297A	COVER, AV COVER 20LA60 NON REAR
520	3141VMNR76A	CHASSIS ASSEMBLY, MAIN ML024D RZ-20LA66 CHASSIS ASSY
530	6871VSMQ45A	PWB(PCB) ASSEMBLY, SUB, CONT ML024G 62TOOL CONTROL ASSY
560	6871TSH572A	PWB(PCB) ASSEMBLY, SUB, RZ-20LA66 LED & P/SW HAND BRAND POWER ASSY

CIRCUIT DIAGARM FOR MLO24D CHASSIS





P/NO : 3828TSL101S

Mar.,2004
Printed in Korea