



Ya Hsin Industrial Co., Ltd.

Revision: 1.00

Date: 16-Apr.-2006

Service Manual

Model Name: LT32C1M1

32" Color TFT LCD Television (NTSC)





1.0 Product Description

- 1.1 Introduction**
- 1.2 Features**
- 1.3 General Information**
- 1.4 Outline Dimension**

2.0 Engineering Specifications

- 2.1 TFT LCD Panel Specifications: AU T315XW01 V5**
- 2.2 Optical Characteristics**
- 2.3 I/O Connectors**
- 2.4 D-Sub (Analog) Input**
- 2.5 PC Audio Input (line-in)**
- 2.6 ISP (In System Programming)**
- 2.7 Analog Compliant Timings**
- 2.8 Power Management**
- 2.9 Packaging Specification**
- 2.10 Environmental Characteristics**
- 2.11 Safety**

3.0 Functions & OSD Operation

- 3.1 Function Controls**
- 3.2 Remote Controller**
- 3.3 OSD Operating Procedures**
- 3.4 PIP Structure**

4.0 System descriptions

- 4.1 System block diagram (1)**
- 4.2 System Block Diagram (2)**
- 4.3 System Circuitry**
 - 4.3.1 Main board**
 - 4.3.2 Video board**
 - 4.3.3 Power board**
 - 4.3.4 Front RCA board**
 - 4.3.4 Key board**
- 4.4 Pin Configuration**



5.0 Mechanical Assembly

5.1 Explore Diagram

5.2 Removal and Replacement

5.2.1 Remove and Replace Stand

5.2.2 Remove and Replace Video board

5.2.3 Remove and Replace Rear cover

5.2.4 Remove and Replace Front RCA board and Card Reader(Optional)

5.2.5 Remove and Replace Main board

5.2.6 Remove and Replace Power board

5.2.7 Remove and Replace Panel

6.0 Troubleshooting Guide

7.0 Spare Part Material List



1.0 Product Description

1.1 Introduction

The purpose of this service manual provides integral information for the qualified skillful technicians need to maintain the LT32CxM1 (32.0- inches TFT-LCD TV) .

1.2 Features

- 32" wide screen WXGA (1366*768)TFT LCD panel
- Analog PC signal input
- 16 - CCFTs (Cold Cathode Fluorescent Tube)
- Supported to 85Hz refresh rate
- Supported to 16.7M colors display
- Supported VESA-DDC 2B plug & play function
- Supported VESA-DPMS power management function
- LVDS (Low Voltage Differential Signaling) interface (2 pixels/clock)
- Multi-Language OSD : English, Spanish, French
- Wide Viewing Angle 170 ° /170 °
- Analog TV Tuner
- V-Chip parental control/C.C. for USA
- VESA Compliant (100 x 100 mm)
- Sound mode (MTS) support
- Class D Amplifier
- 3D Noise reduction filter
- PIP (picture in picture)/ PBP (picture by picture)
- Built-in Power supply



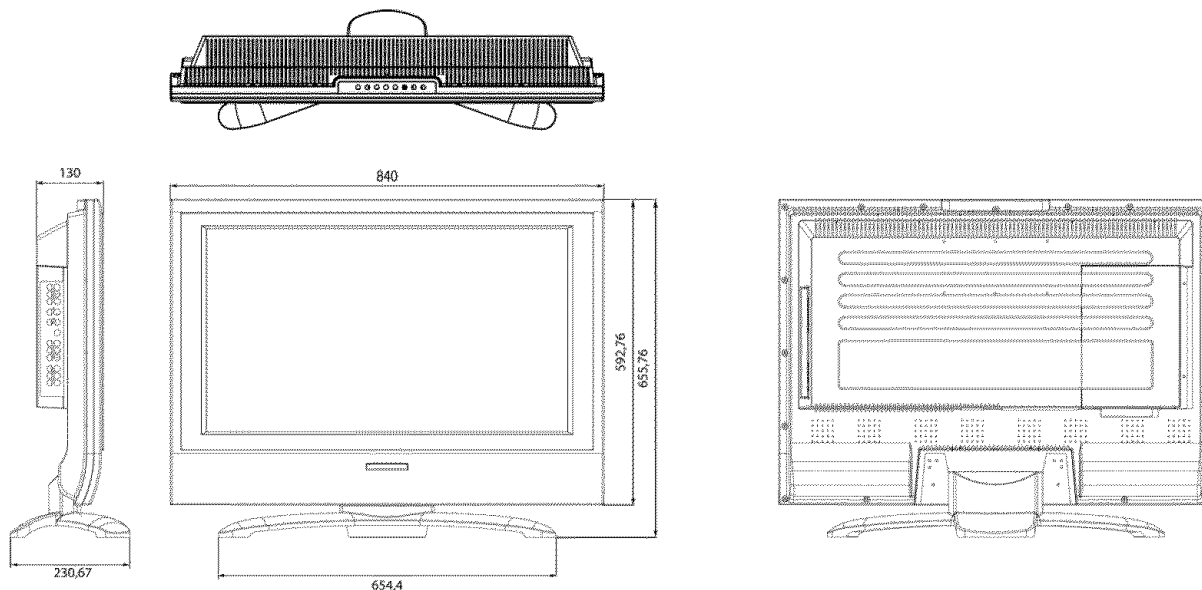


1.3 General Information

	Item	Specification	Unit
LCD Panel	Display area	697.68(H) x 392.26(V)	mm
	Number of Pixels	1366 x R.G.B. x 768	Pixels
	Pixel pitch	0.51075(H) x 0.51075(W)	mm
	Pixel arrangement	RGB Vertical Stripe	-
	Display color	16.7 M	-
	Display mode	Normally Black	-
	Viewing Angle	Horizontal: 170 degrees (typical) Vertical: 170 degrees (typical)	Degree
Graphic (VGA)	Separate sync.	TTL level	-
	Horizontal sync.	Positive/Negative	-
	Vertical sync.	Positive/Negative	-
Plug & Play	DDC 2B Compliance		-
Video	Composite 140 IRE p-p, 75 ohms		-
Audio	Input	0.7 Vrms	-
	Output	10 W x 2 speakers	-
Power Source	Power input	90-263V, 47/63 Hz	-
	Power output	5V, 16V, 24V	-
Power Consumption	Operation Mode	~ 232W	W
	Standby Mode	< 5W	W

1.4 Outline Dimension

Item	Description	Unit
Width	840	mm
Height	593 (656 with stand)	mm
Depth	130 (231 with stand)	mm



Physical Characteristics :

Item	Descriptions
Weight	Gross Weight 24.24 Kg (without card reader) / 24.44 Kg (with card reader)
	Net Weight 19.4 kg (without card reader) / 19.6 Kg (with card reader)

Color Defination:

Item	Color
Front Cover(Outside frame)	Pantone 877C
Front Cover(inside frame)	Pantone Black C
Back cover	NCS 6502B
Stand	Pantone 877 C
Base plate	Pantone 877 C
TV Box	NCS 6502B

2.0 Engineering Specifications

2.1 TFT LCD Panel Specifications: AU T315XW01 V5

Item	Spec.	Unit
LCD	Active matrix thin-film-transistor (TFT)	-
Signal Interface	LVDS (Low Voltage Differential Signaling) (2 pixel/clock)	-
Screen Size	31.51" Diagonal	inch
Effective Display size	697.68(H) x 392.26(V)	mm
Pixel Number	1366 x R.G.B. x 768	Pixels
Color filter arrangement	RGB vertical stripe	-
Display Method	Normally black	-
Drive Method	a-si TFT active matrix	-
Pixel Pitch	0.51075 (H) x 0.51075 (W)	Mm
Brightness	500 cd/m ² (typ.)	cd/m ²
Contrast Ratio	800:1 (typ.) 650:1 (min.)	-
Display Color	16.7M	colors
Response Time (Rise + Decay)	24 ms (Gray to Gray)	ms

2.2 Optical Characteristics

Measuring requirement

Item	Description
Input AC Power	110[V] /60[Hz]
Contrast setting	Center
Brightness setting	Maximum
Lighting	Outside optical interception
Measurement point	Center (Brightness Uniformity is 5 point)
Distance from LCD module	50[cm]
View of measurement machine	1[degree]
Warm up time	30[min]

Measuring Equipment

Item	Model
Video Pattern Generator	Chroma 2327
LCD Color Analyzer	K-10

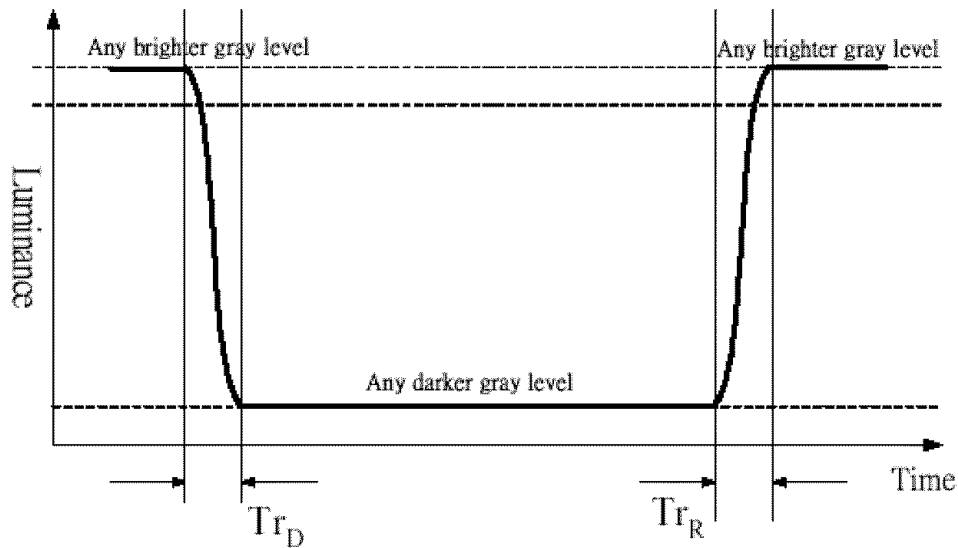
Optical Specification

Parameter		Symbol	Conditions	Value			Units	Note
				Min.	Typ.	Max.		
Contrast Ratio (Center of Screen)		CR	$\theta_x=0^\circ$ Viewing normal angle	650	800	-	-	①
Response time		Tr _R	Gray to Gray	-	12	35	ms	②
		Tr _D		-	12	35		
Luminance of White		L _{WH}			500	-	cd/m ²	③
Color Chromaticity (CIE)	Red	X _R		TYP. -0.03 (For Panel Only)	0.640	TYP. +0.03 (For Panel Only)	-	
		Y _R			0.330		-	
	Green	X _G			0.290		-	
		Y _G			0.600		-	
	Blue	X _B			0.150		-	
		Y _B			0.060		-	
	White	X _W			0.280		-	
		Y _W			0.290		-	
Viewing Angle	Hor.	x ⁺	CR>10	80	85	-	Deg	④
		x ⁻		80	85	-		
	Ver.	y		80	85	-		
		$\bar{y}$		80	85	-		
Luminance Uniformity		δ W		1.40	-	-	-	⑤

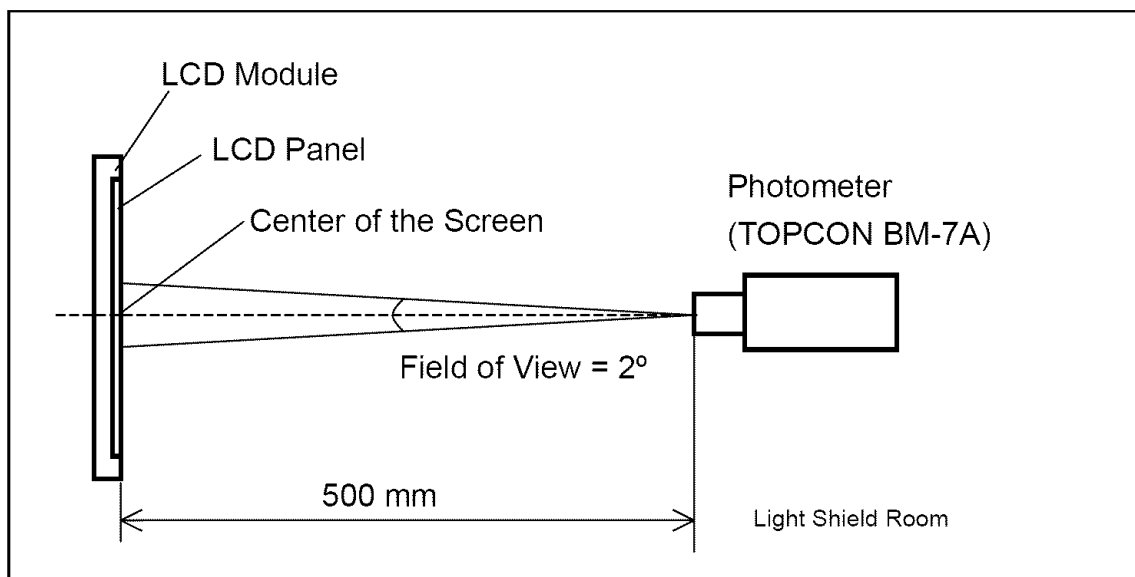
① Definition of Contrast Ratio (CR):

$$CR = \frac{\text{Luminance with all pixels white}}{\text{Luminance with all pixels black}}$$

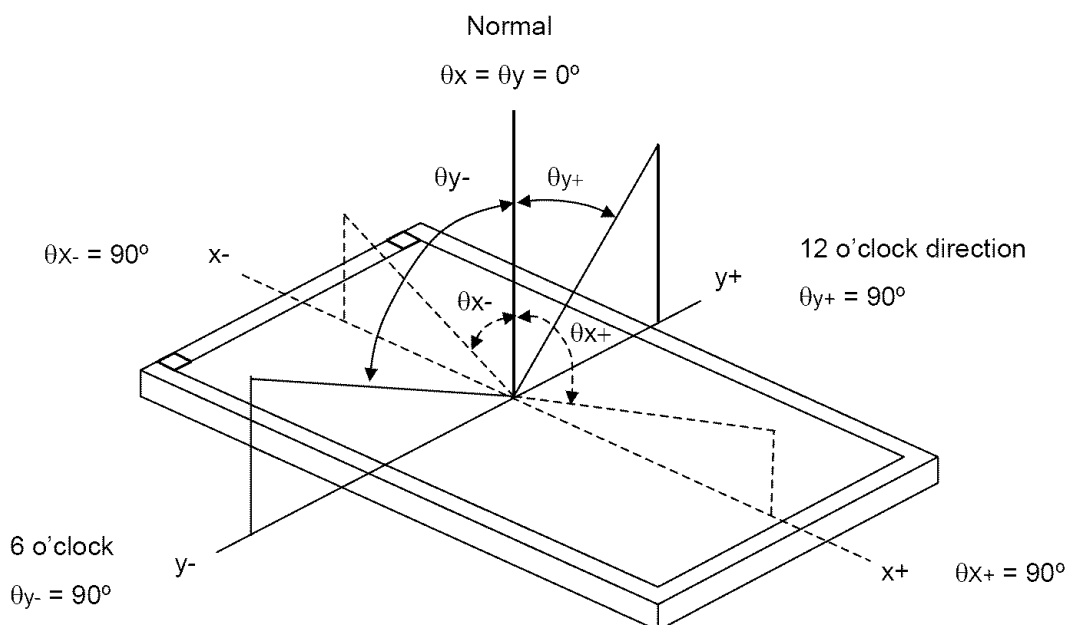
- ② Response time is the time required for the display to transfer between any two gray level. It is defined as the following figure.



- ③ Surface Luminance is a measurement of the active display area, 50 cm from the center of the surface in condition of displaying window pattern.

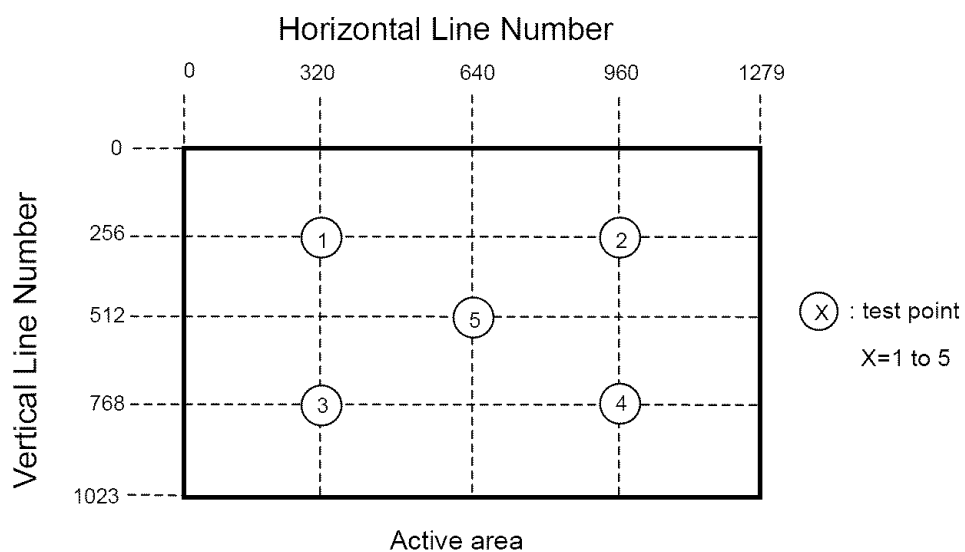


- ④ Viewing angle is the angle at which the contrast ratio is greater than 10 ($CR \geq 10$) with window pattern. The angle is determined for the horizontal or x-axis and the vertical y-axis with respect to the z-axis which is normal to the LCD surface.



- ⑤ Definition of luminance uniformity δW (5 points):

$$\delta W = \text{Maximum} [L(1), L(2), L(3), L(4), L(5)] / \text{Minimum} [L(1), L(2), L(3), L(4), L(5)]$$



2.3 I/O Connectors

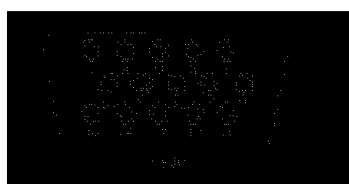
I/O Table

I/O		NTSC (US)	
		Video	Audio
Input	TV tuner	NTSC	
	Y2Pb2Pr2in & RCA audio(L/R) in	2	2
	AV Video in & RCA audio(L/R) in	3	3
	S-Video in & RCA audio(L/R) in	1	1
	D-SUB	1	
	PC audio in	1	
	HDMI	1	
Output	AV Video out & audio (R/L) out	1	1
	Earphone	1	
	Subwoofer	1	

2.4 D-Sub (Analog) Input

Electrical Properties

Video Signals	
Analog R, G, B	0 – 0.7 V _{p-p}
Signal level	75 ohm ±5%
Sync. Signals	
Separate sync	TTL level
Horizontal sync	Positive/Negative
Vertical sync	Positive/Negative



D-sub Pin Assignment

Pin	Input Signal	Pin	Input Signal	Pin	Input Signal
1	Red video	6	Red Video Ground	11	Open
2	Green Video/Sync on Green	7	Green Video Ground	12	Data line (SDA)*
3	Blue Video	8	Blue Video Ground	13	H-Sync
4	Open	9	+5V (for cable detect)	14	V-Sync
5	Return	10	Sync Ground	15	Clock line (SCL)*

*Compliant to VESA DDC.

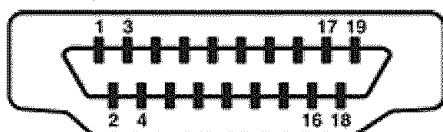
2.5 PC Audio Input (line-in)

Item	Specifications
Input Voltage	0.7 V _{p-p} (typical)
Output Power	10 W per channel

2.6 ISP (In System Programming)

- Only for Engineering BIOS update through 4-pin connector, operated by authorized technician.

2.7 HDMI (High-Definition Multimedia Interface)



Pin	Input Signal	Pin	Input Signal	Pin	Input Signal
1	TMDS DATA 2+	8	TMDS DATA 0 Shield	15	SCL (DDC Clock)
2	TMDS DATA 2 Shield	9	TMDS DATA 0-	16	SDA (DDC DATA)
3	TMDS DATA 2-	10	TMDS Clock +	17	DDC/CEC Ground
4	TMDS DATA 1+	11	TMDS Clock Shield	18	+5V Power
5	TMDS DATA 1 Shield	12	TMDS Clock -	19	Hot Plug Detect
6	TMDS DATA 1-	13	CEC (not used)		
7	TMDS DATA 0+	14	RESERVED (N.C. on device)		

2.8 Analog Compliant Timings

Display Mode			Analog / Digital	
			Horizontal Frequency	Vertical Frequency
VESA	VGA	640 x 480	31.5 KHz	60 Hz
			37.9 KHz	72 Hz
			37.5 KHz	75 Hz
			43.3 KHz	85 Hz
	SVGA	800 x 600	37.9 KHz	85 Hz
			35.1 KHz	56 Hz
			37.9 KHz	60 Hz
			48.1 KHz	72 Hz
			46.9 KHz	75 Hz
			53.7 KHz	85 Hz
			48.4 KHz	60 Hz
			56.5 KHz	70 Hz
	XGA	1024 x 768	60.0 KHz	75 Hz
			68.7 KHz	85 Hz
	SXGA	1280 x 1024	64.0 KHz	60 Hz
			80.0 KHz	75 Hz

2.9 Power Supply specification & Power Management

Power Supply specification

Item	Description
Vendor	FSP FSP232-4M01 (first source)
Input Voltage Range	AC 90 ~ 264 Vac
Input Frequency Range	47/63 Hz
Output Voltage	5V, 16V, 24V $\pm$ 5%
Output Current	1.2A(5V), 5.5A(12V), 5.5A(24V)
Power Dissipation	~232W (max.)
Efficiency	80% MIN. AT FULL LOAD, (C.V MODE), NOMINAL LINE, (110V~220V) MEASURED AFTER 30MINUTES FULL LOAD BURN-IN
Power Saving Operation Method	VESA DPMS Signaling
Power Consumption	ON Mode < 232 W (max) ACTIVE OFF < 5W
Power saving recovery Time	ON Mode = N/A ACTIVE OFF < 3 sec

2.10 Power Management

This monitor will incorporate power saving modes when “power saving” is enabled via the and in response to VESA DPMS power saving signals from the host CPU. It is required that the monitor will respond identically to the VESA DPMS standby, suspend, and sleep modes with a common low power mode.

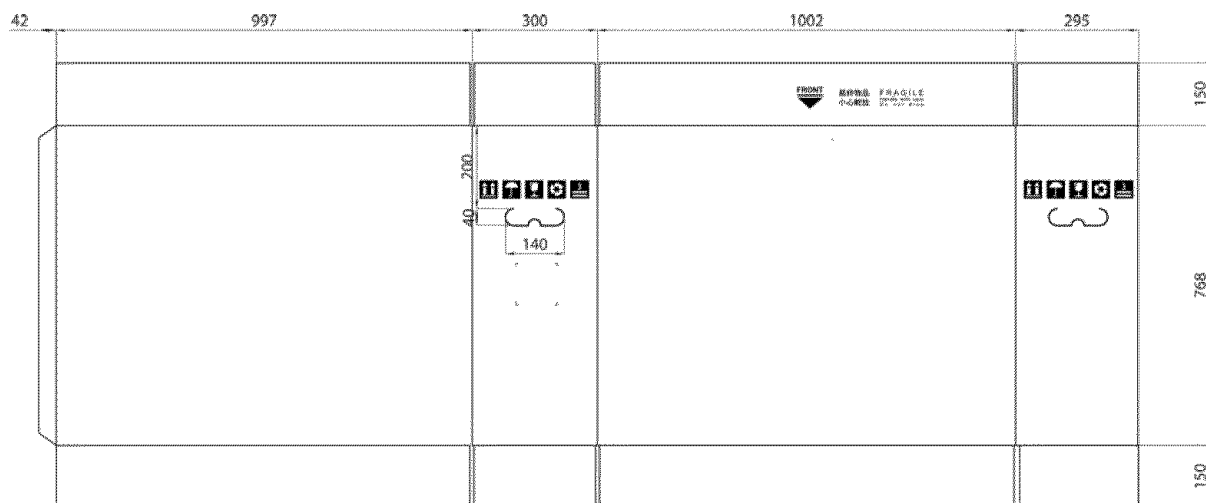
Item	DPMS Mode	Display	Power LED	Power Consumption
1	On	Normal	Green	Normal
2	Suspend	No Display	Amber	$\leq$ 5W
3	Off	No Display	Red	$\leq$ 5W



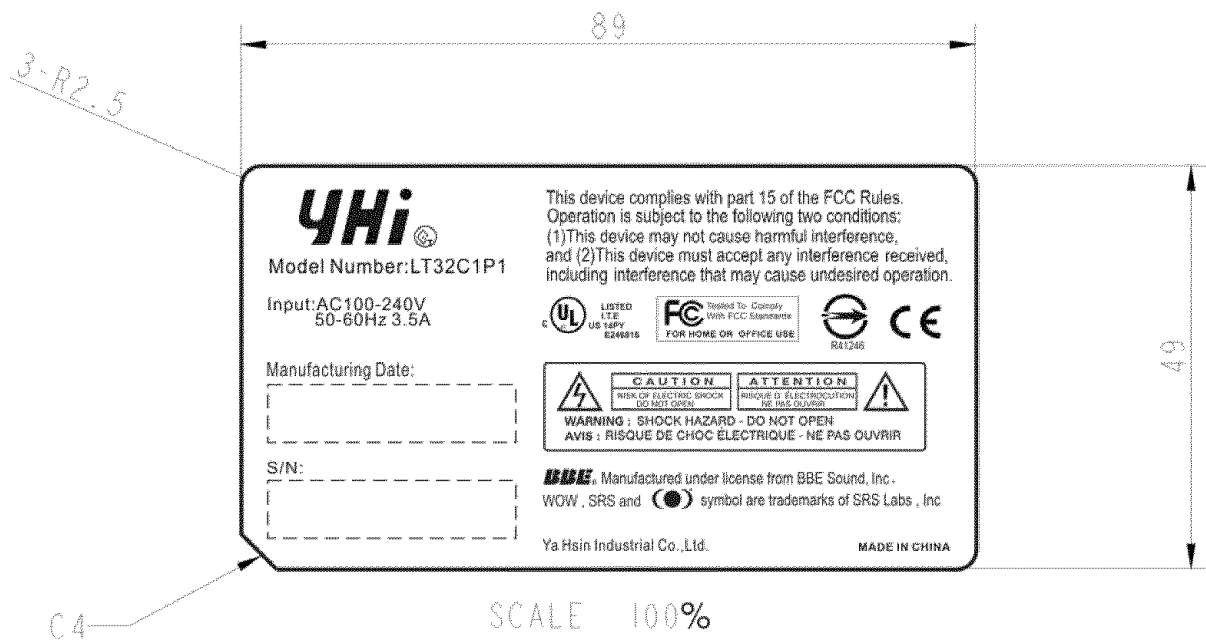
2.11 Packaging Specification

Carton Box Dimension

Outside dimension: 1005(W)*772(H)*305(D) mm



FCC Label



2.12 Environmental Characteristics

Operating Conditions

Temperature	+5°C ~ +35°C
Humidity	20~80%

Non-Operating Conditions

Temperature	-10~+60°C
Humidity	20~85%

Altitude

Operating	Not more than 3,000m
Non-Operating	Not more than 12,000m

2.12 Safety

2.12.1 Insulation Resistance

The resistance of the insulation between the power terminal and the earth ground contact is more than 10 MΩ while withstanding a voltage of 3kV(DC).

Test Conditions

Item	Description
Voltage	3k V (dc)
Resistance Value	10 MΩ

Test Criteria

The power terminal and the earth ground contact is more than 10MΩ while withstanding a voltage of 3kV(dc).

2.12.2 Insulation Dielectric Strength

The evaluation conforms to safety standard of shipment area.

Test Conditions

Item	Production Line
Voltage	3.676k Vdc (2.6K Vac)
Time	3 sec
Current	10 mA (max)

Test Criteria

There is no breakdown of the insulators or short circuits when applying a 2.6kVac and 2.6k Vac for duration of maximum 3 sec between the metallic chassis and the input power supply active and neutral terminals connected together.

2.13 Regulatory Standards**2.13.1 Safety**

EN 60065

2.13.2 EMI

EN 55022:1998 + A1:2000 / Limit Class B

EN55024

EN 60111

2.13.3 Certification Logo

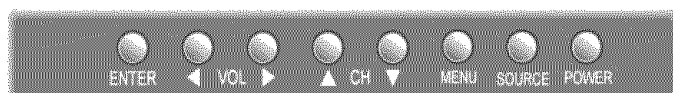
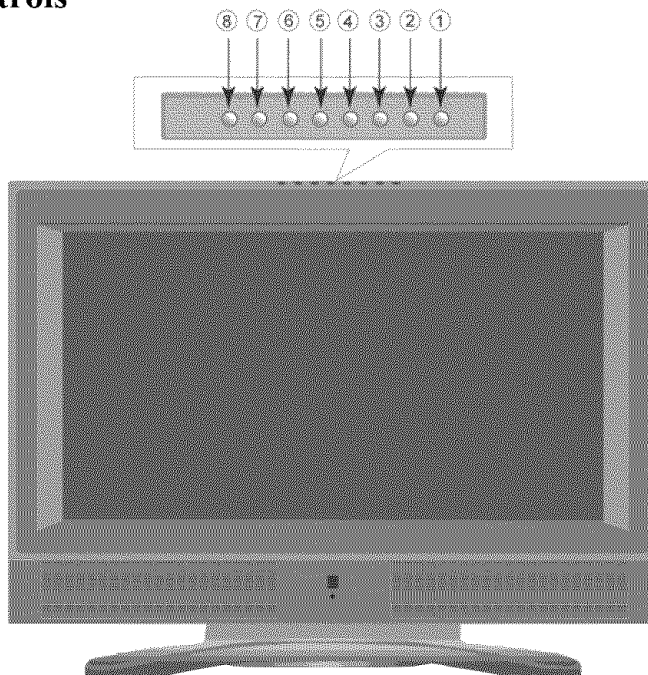
UL

FCC

3.0 Functions & OSD Operation

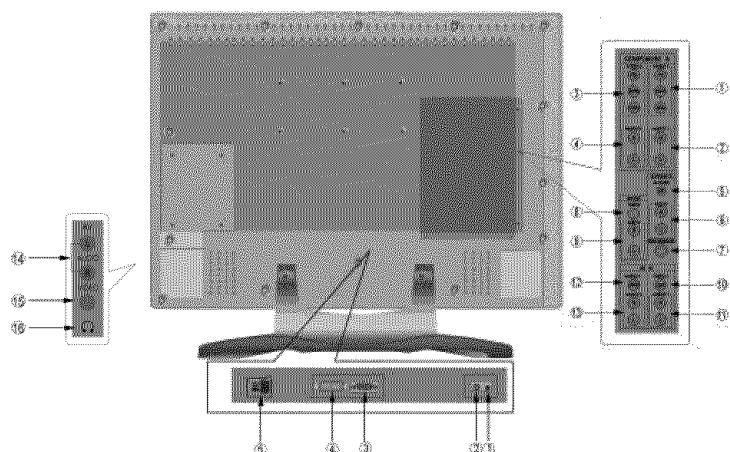
3.1 Function Controls

Front side:



Buttons/LED		Functions
①	Power	Power on/off
②	Source	Source select
③	Menu	Get into OSD for PC/TV mode
④	CH ▼	Select channel
⑤	CH ▲	Select channel
⑥	VOL ►	Control volume
⑦	VOL ◀	Control volume
⑧	Enter	Exit from OSD/Enter to sub-menu
⑨	LED indicator	Green for PC operating monitor and TV system. Amber for no signal Red for AC Power on

Back side:



Side View		Functions
①	Y1Cb1Cr1	Connecting to the Video component1 output terminal of the video output device
②	Y1Cb1Cr1 Audio	Audio input terminal connecting to the audio output terminal of the video output device.
③	Y2Pb2Pr2	Connecting to the Video component2 output terminal of the video output device
④	Y2Pb2Pr2 Audio	Audio input terminal connecting to the audio output terminal of the video output device.
⑤	S-video	Y/C S-video input terminal connecting to the S-output terminal of the video output device.
⑥	S-video Audio	Audio input terminal connecting to the audio output terminal of the video output device.
⑦	Sub-woofer	Connects the sub-woofer audio in
⑧	Video out	Video output terminal connecting to the input terminal of the video input device (The video output sources are AV1, AV2, AV3 and TV)
⑨	Audio out	Audio output terminal connecting to the input terminal of the audio input device (The audio output sources are AV1, AV2, AV3, TV)
⑩	AV in 1	To connect the AV1 video source.
⑪	AV audio 1	To connect the audio out of AV1 source
⑫	AV in 2	To connect the AV2 video source.
⑬	AV audio 2	To connect the audio out of AV2 source
⑭	AV audio 3	To connect the audio out of AV3 source
⑮	AV in 3	To connect the AV3 video source
⑯	Headphone	To connect headphone
Back View		Functions
①	PC audio in	Connect this terminal to the sound output terminal of your PC or Notebook.
②	ANT	Connect the coaxial cable or antenna.
③	D-SUB	Connects this terminal to D-sub 15 pin analog output connector of the PC or Notebook.
④	HDMI	Connects to HDMI output connector of DVD displayer.
⑤	AC in	Connect this terminal to the power cord from AC power source.

3.2 Remote Controller

Pure TV



Full
function

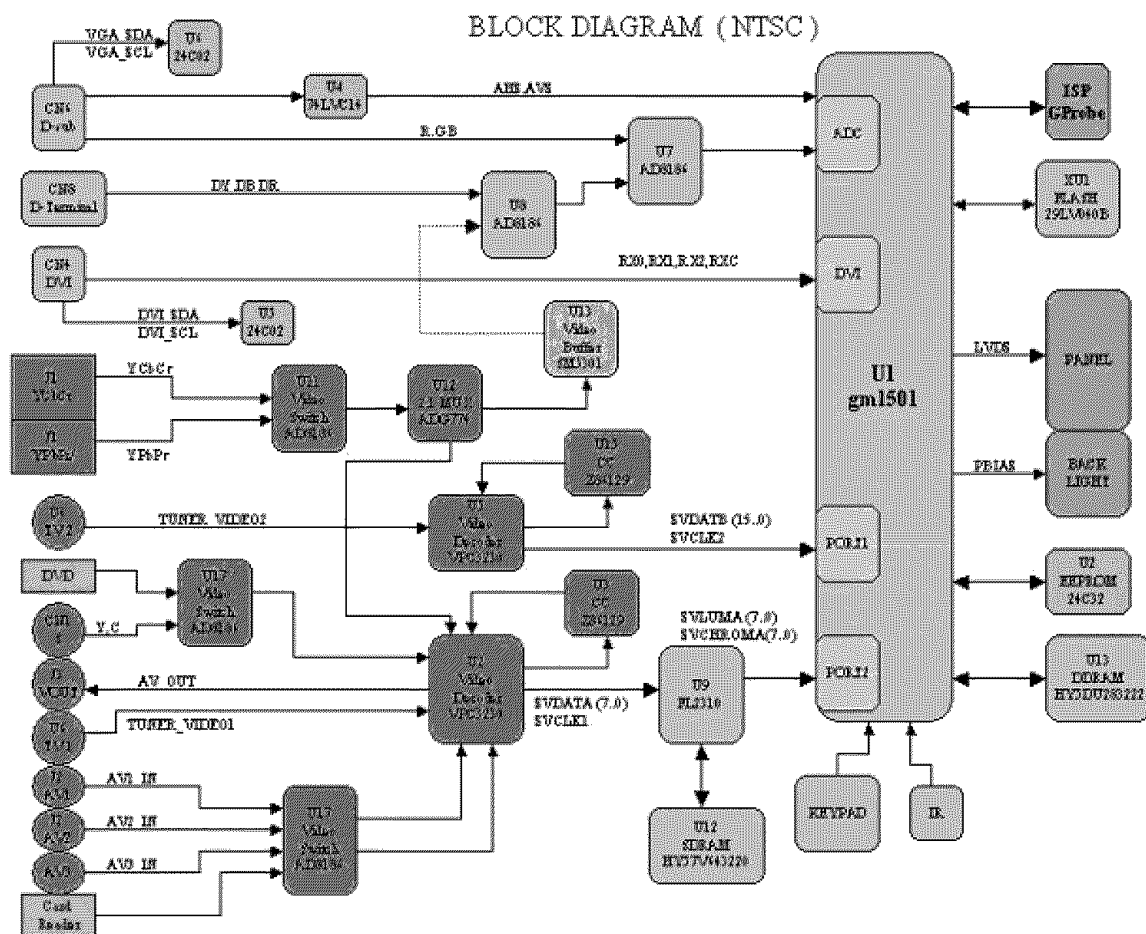


TV:

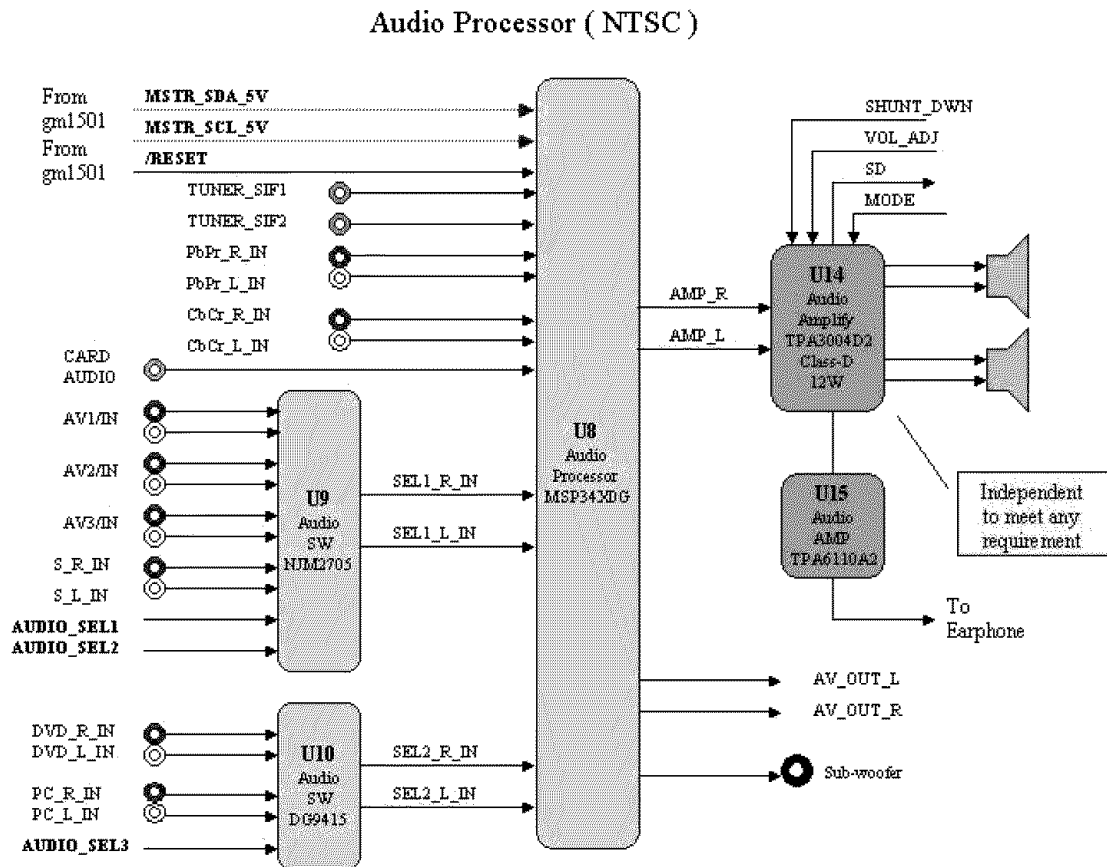
Item	Key Name	Function
1	Power	Power on/off
2	Display	Display current information
3	MTS	Select TV Audio system
4	Mute	Turn speaker on or off
5	Source	Select input source
6	TV	Get into TV channel directly
7	Sound	Selects the sound mode: Off-> SRS WOW-> BBE-> BBE & SRS WOW (Standard model can not select function)
8	Picture	Picture quality select (vivid, Standard, soft, defined)
9	Sleep	Set the Timer to turn off the set
10	Recall	Back to previous channel
11	CATV	Enter into the channel after you select channel by number
12	Number Keys	Select channel by number 1~ 12
13	MENU	Get into OSD menu/ sub- menu
14	Zoom	Resize from 4:3 to 16:9 screen or 16:9 to 4:3 screen
15	CH▼/▲	Select channel / Up, Down movement
16	VOL◀/▶	Control the volume / Right, Left movement
17	Enter	Get into sub- menu
18	PIP	Select PIP/POP/Multi PIP function
19	Source	Select sub-picture source in PIP
20	Position	Select position of sub-picture in PIP
21	Swap	Swap sub picture to main picture
22	Freeze	Stop main picture

4.0 System descriptions

4.1 System block diagram (1)

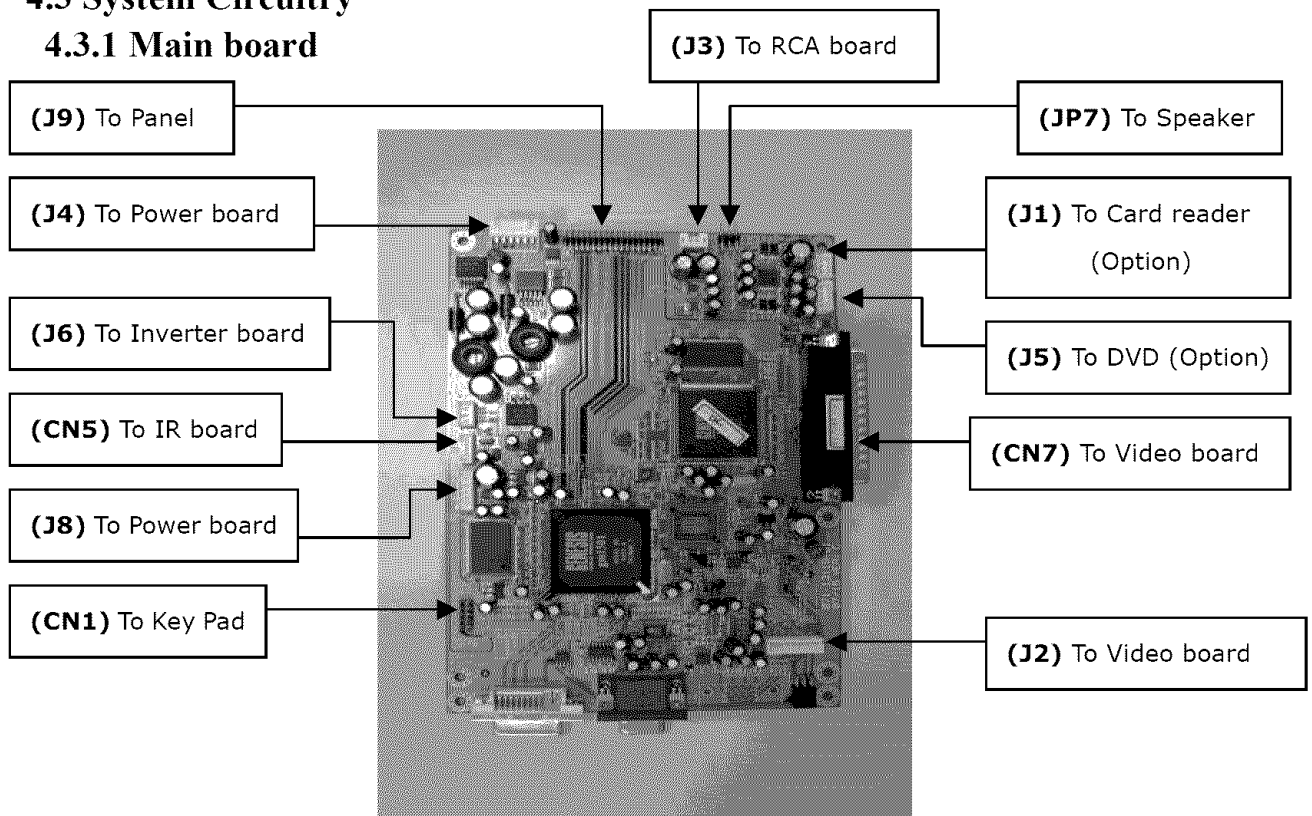


4.2 System Block Diagram (2)

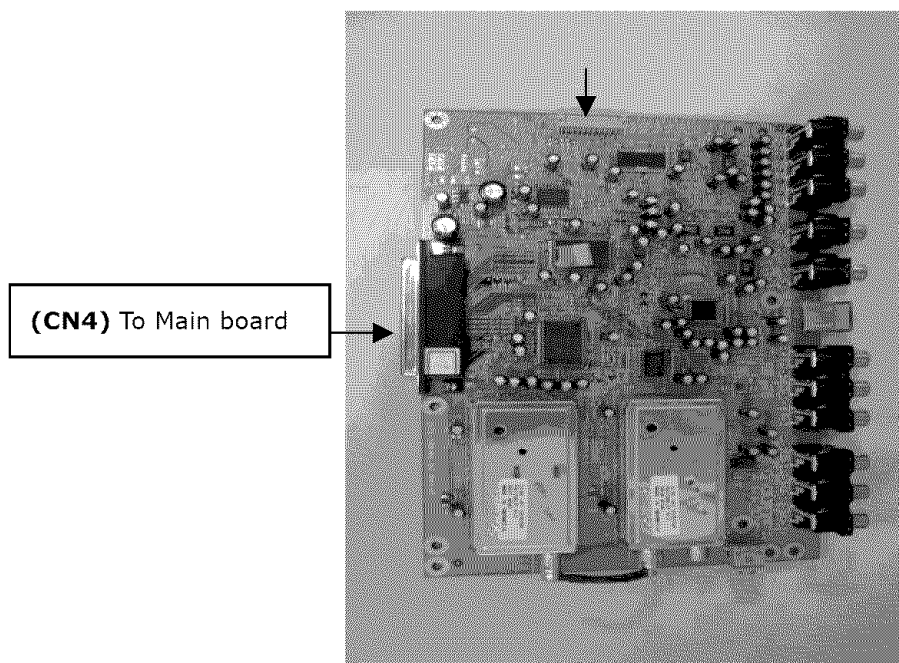


4.3 System Circuitry

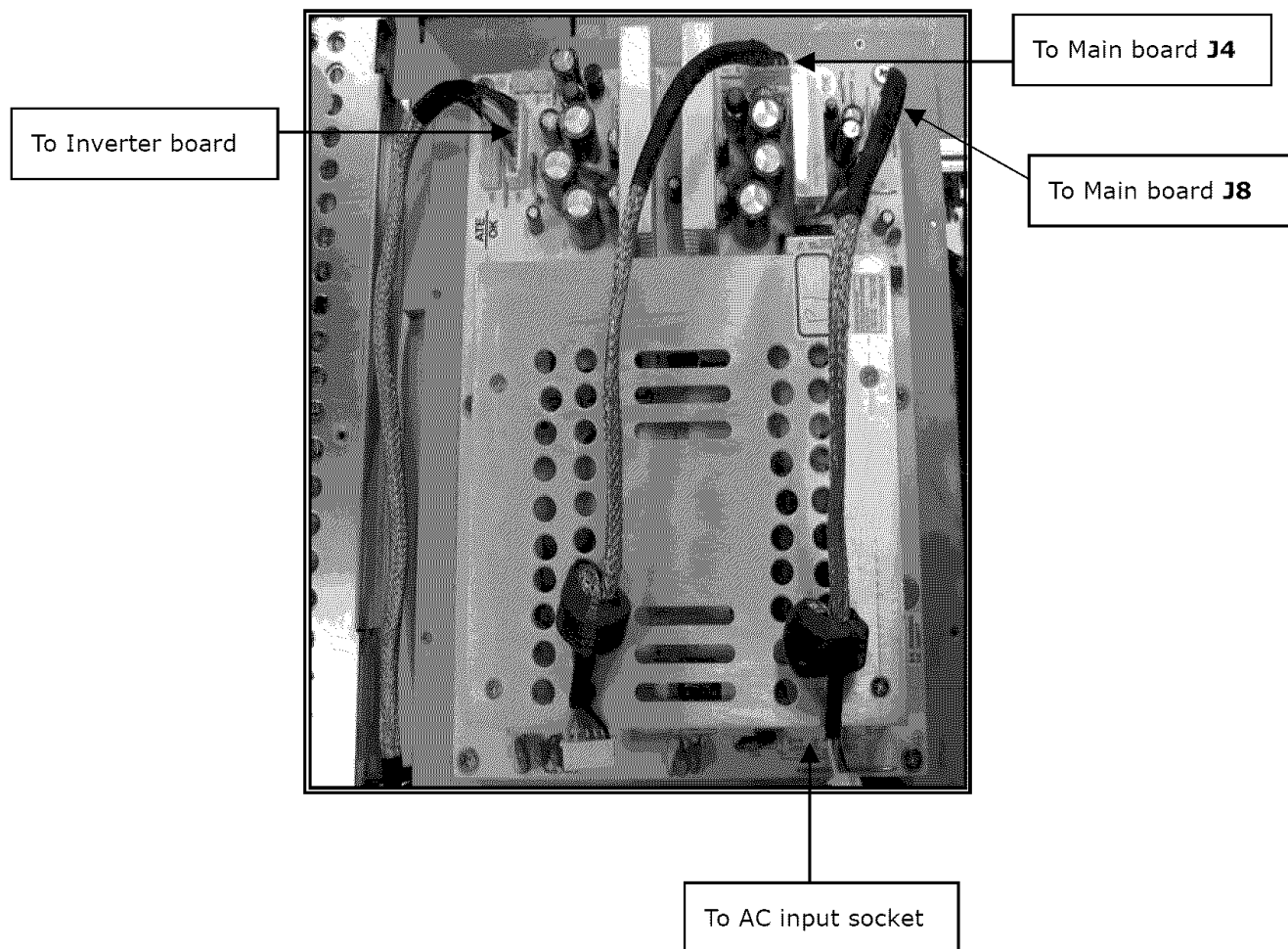
4.3.1 Main board



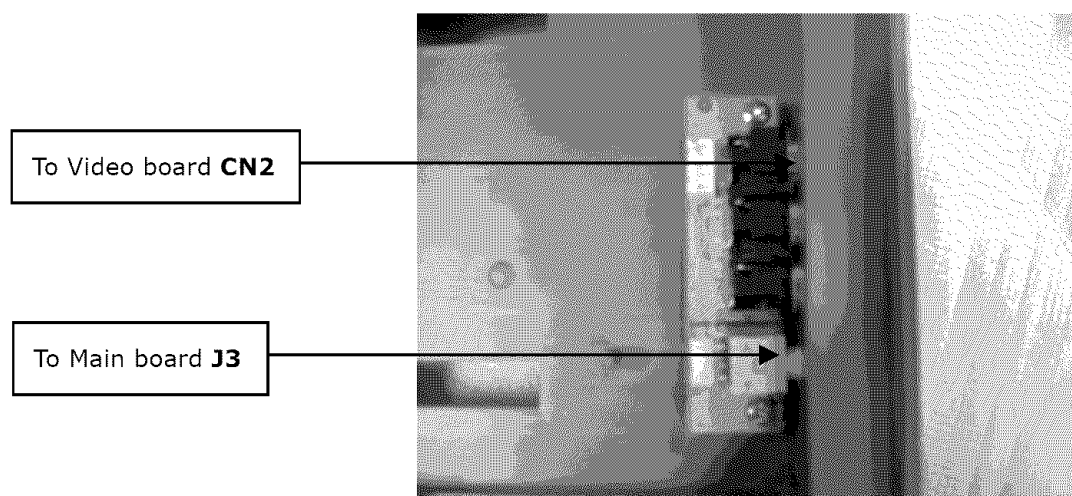
4.3.2 Video board



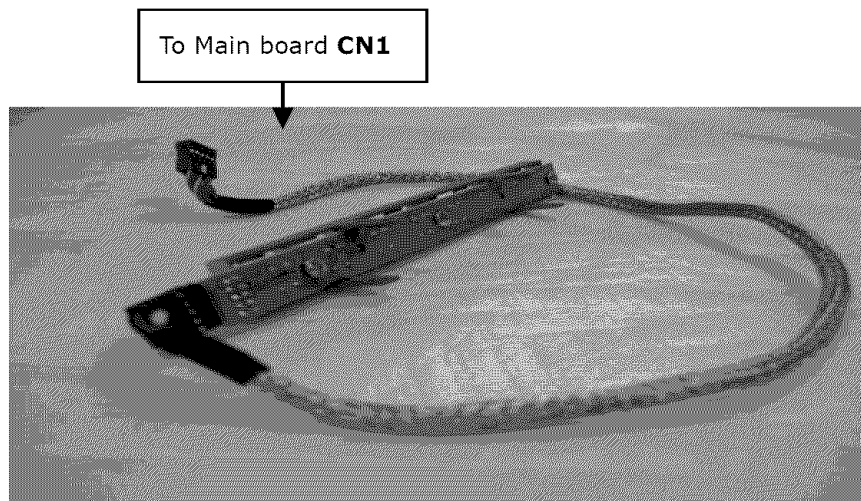
4.3.3 Power board



4.3.4 Front RCA board



4.3.5 Key board



4.4 Pin Configuration

CN1 : To Key board Connector

Pin	Signal
1	NC
2	+3.3 V
3	NC
4	VIN2
5	ADC2_return
6	ADC_VRFE
7	ADC1_return
8	Vin1
9	NC
10	Ground

CN5 : To IR board Connector

Pin	Signal
1	Ground
2	+5V
3	IR_I
4	Saving LED
5	Power LED

J1 : To Card Reader Connector (Option)

Pin	Signal
1	+5V
2	CARD_IR
3	Ground

J2 : To Video board CN2 Connector (Component 2)

Pin	Signal
1	PR out
2	Ground
3	PY out
4	Ground
5	PB out
6	Ground
7	Ground

J3 : To Earphone Connector

Pin	Signal
1	Ground
2	L_OUT
3	Mode
4	R_OUT

J4 : To Power board Connector

Pin	Signal
1	Ground
2	Ground
3	Ground
4	+16V
5	+16V
6	+16V

J5 : To DVD Connector (Option)

Pin	Signal
1	+5 V
2	+5 V
3	DVD_IR
4	Ground

J6 : To Inverter Connector

Pin	Signal
1	INV ON/OFF (ON/OFF Control)
2	BLACK-LIGHT (Brightness Control)
3	Ground

J7 : To Speaker

Pin	Signal
1	Speaker L+
2	Speaker R+
3	NC
4	NC
5	Speaker L-
6	Speaker R-

J8 : To Power board Connector

Pin	Signal
1	+5VS
2	+5VS
3	Ground
4	Ground
5	Power_off

J9 : To Panel Connector

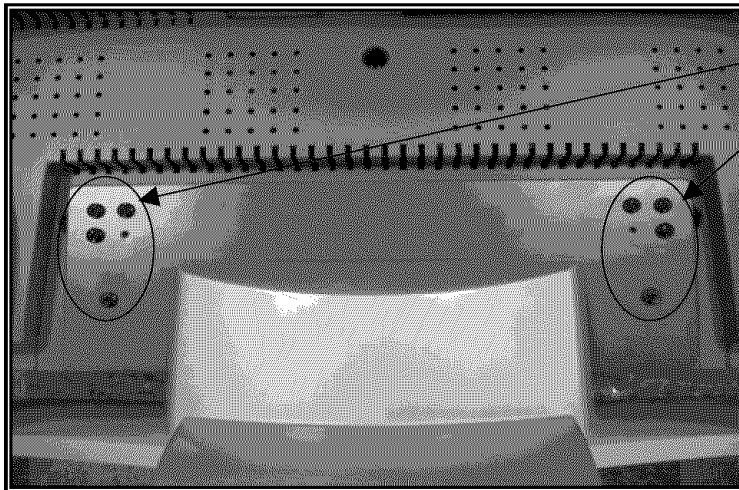
Pin	Signal	Pin	Signal
1	+5V	19	Ground
2	+5V	20	Ground
3	+5V	21	TXB0+
4	+5V	22	TXB0-
5	TXA0+	23	TXB1+
6	TXA0-	24	TXB1-
7	TXA1+	25	TXB2+
8	TXA1-	26	TXB2-
9	TXA2+	27	Ground
10	TXA2-	28	Ground
11	Ground	29	TXBC+
12	Ground	30	TXBC-
13	TXAC+	31	Ground
14	TXAC-	32	Ground
15	Ground	33	TXB3+
16	Ground	34	TXB3-
17	TXA3+	35	Ground
18	TXA3-	36	Ground

5.0 Mechanical Assembly

5.1 Explore Diagram

5.2 Removal and Replacement

5.2.1 Remove and Replace Stand

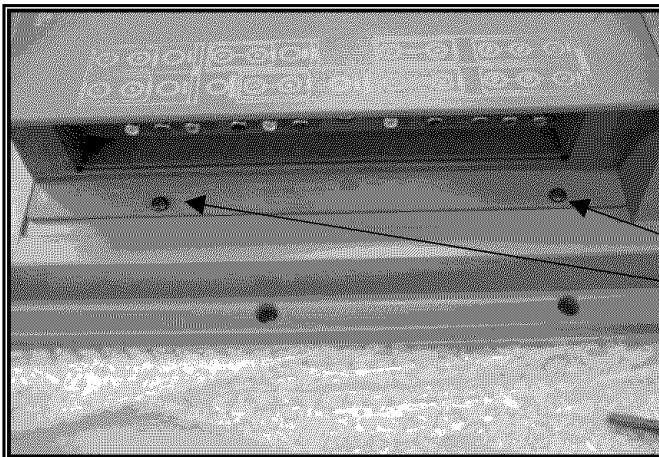


1. Remove Screw

P/N: 066-00581-00

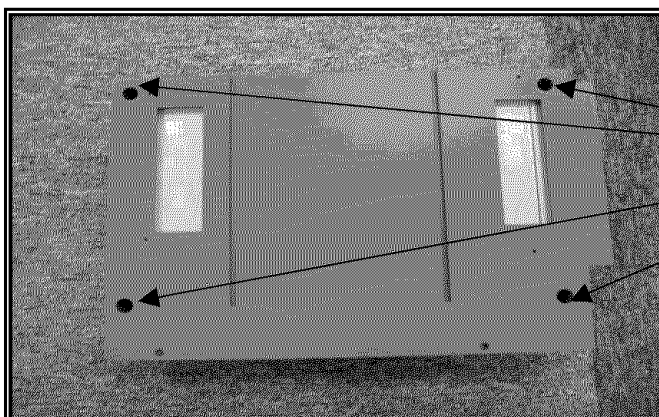
Reverse procedure for Replacement

5.2.2 Remove and Replace Video board



1. Remove Screws

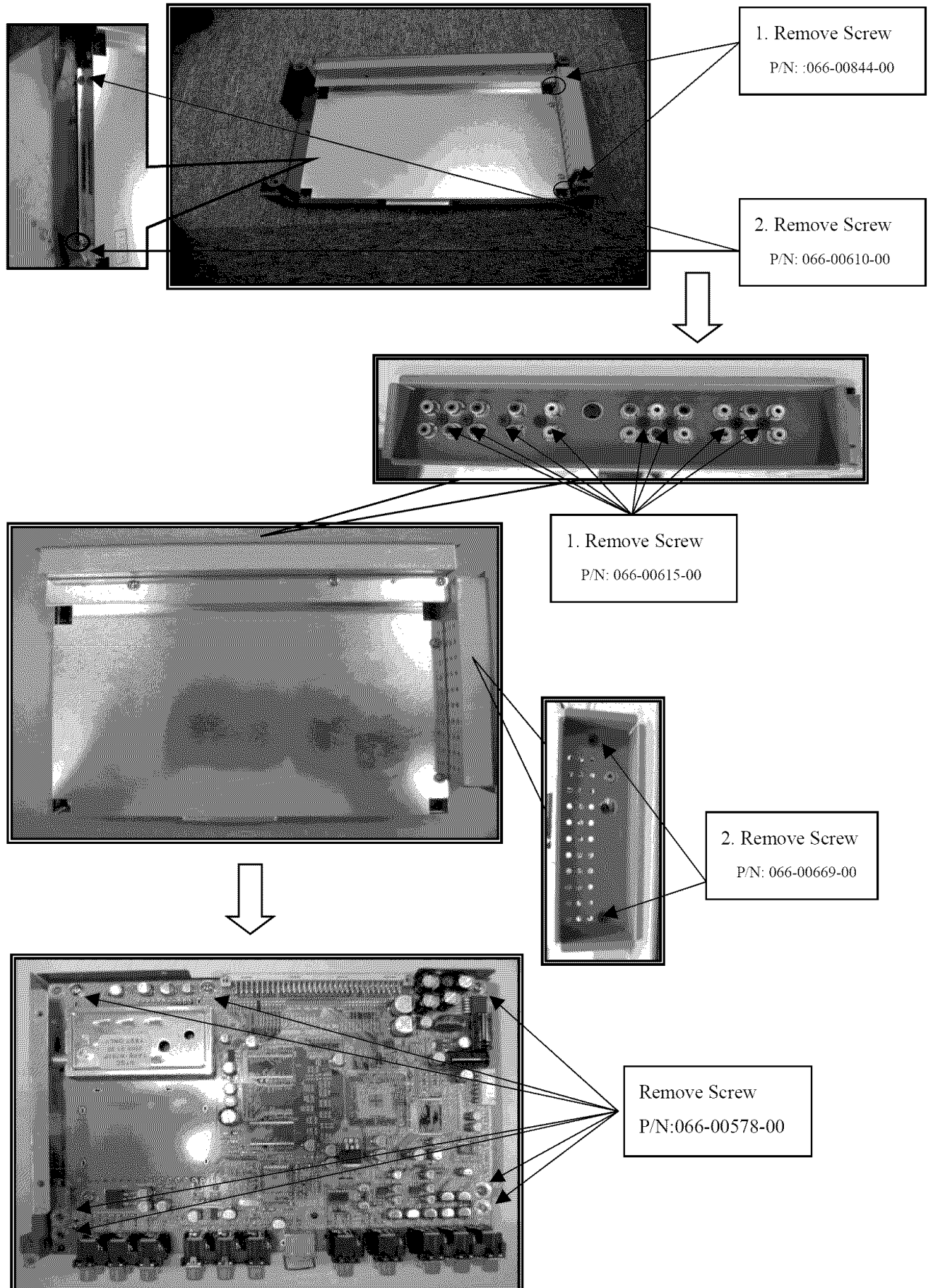
P/N: 066-00848-00



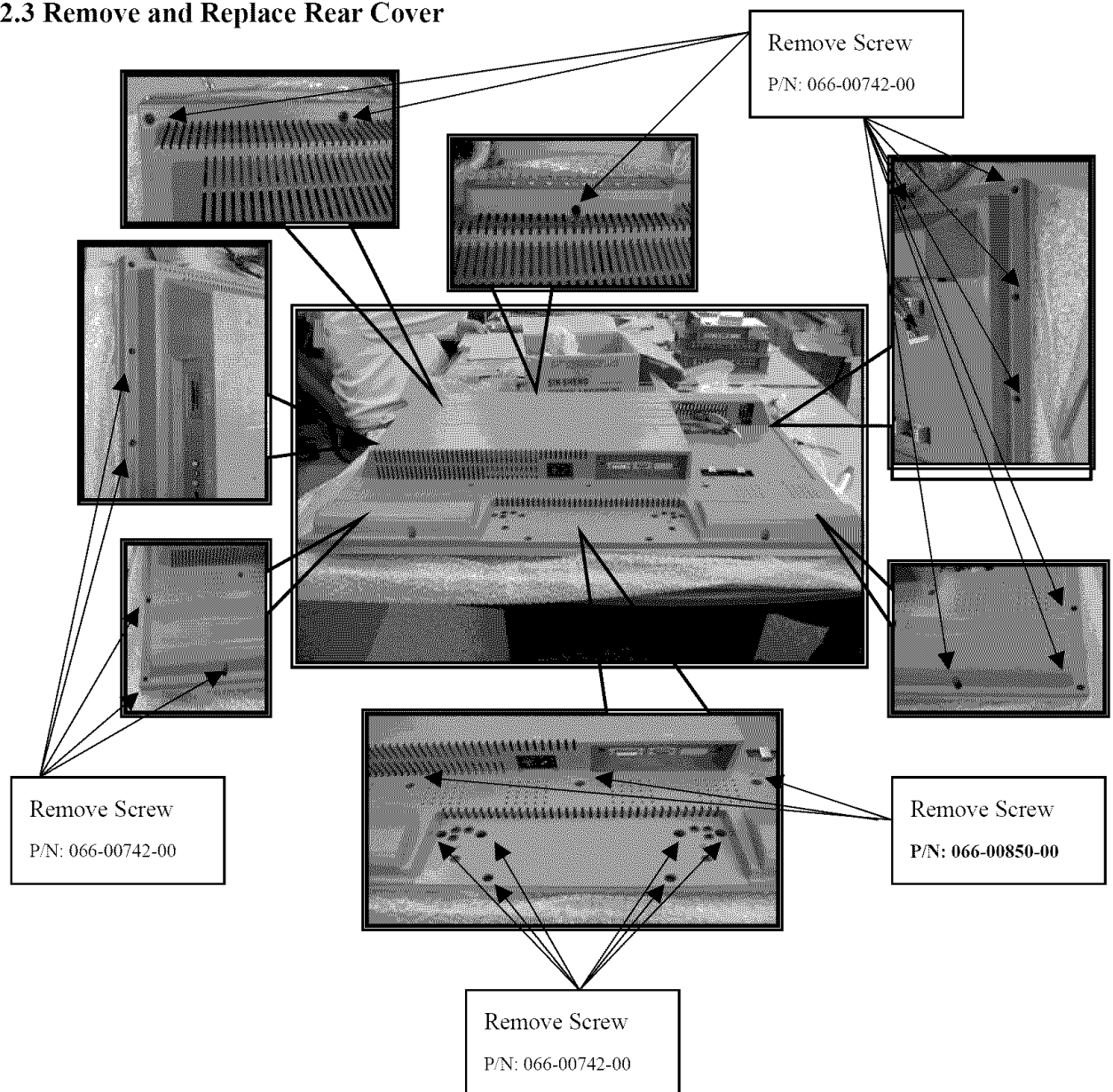
1. Remove Screw

P/N: 066-00575-00





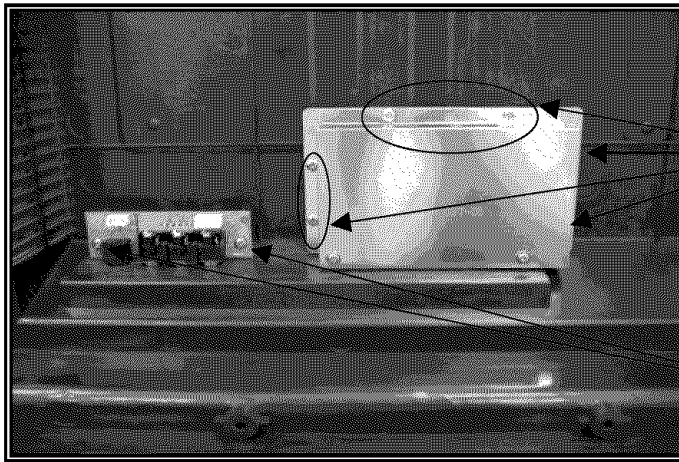
5.2.3 Remove and Replace Rear Cover



Remove the rear cover after removing all the above screws.

Reverse procedure for Replacement

5.2.4 Remove and Replace Front RCA board Card Reader (option)

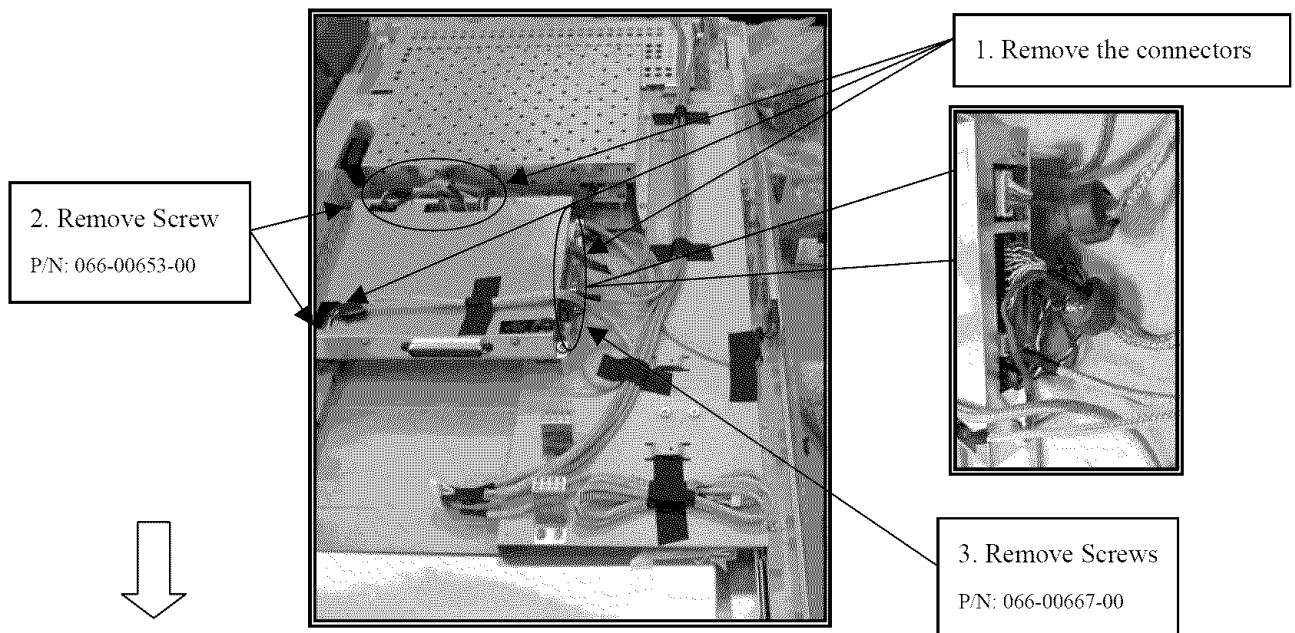


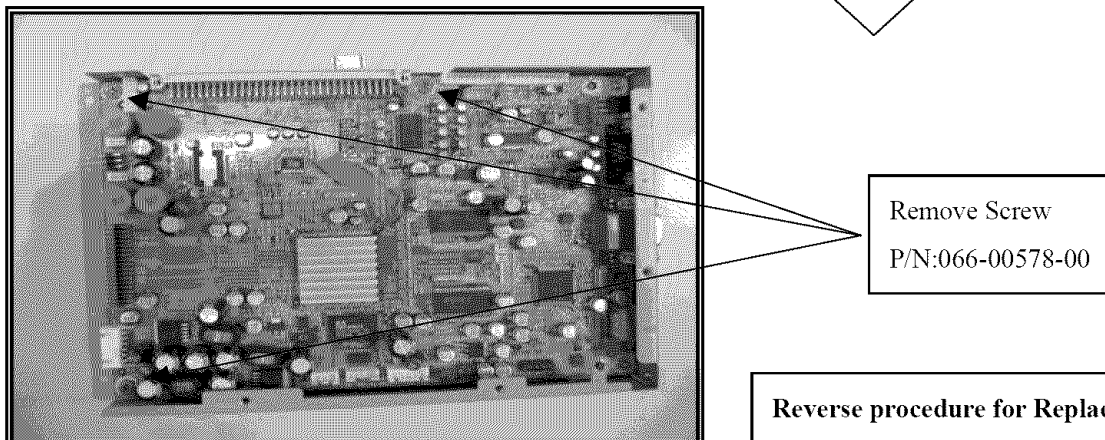
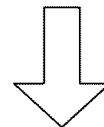
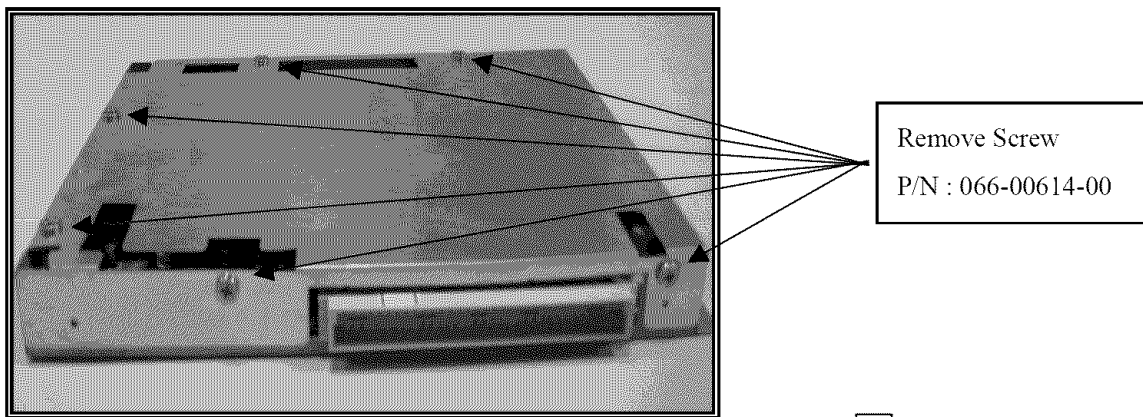
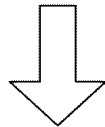
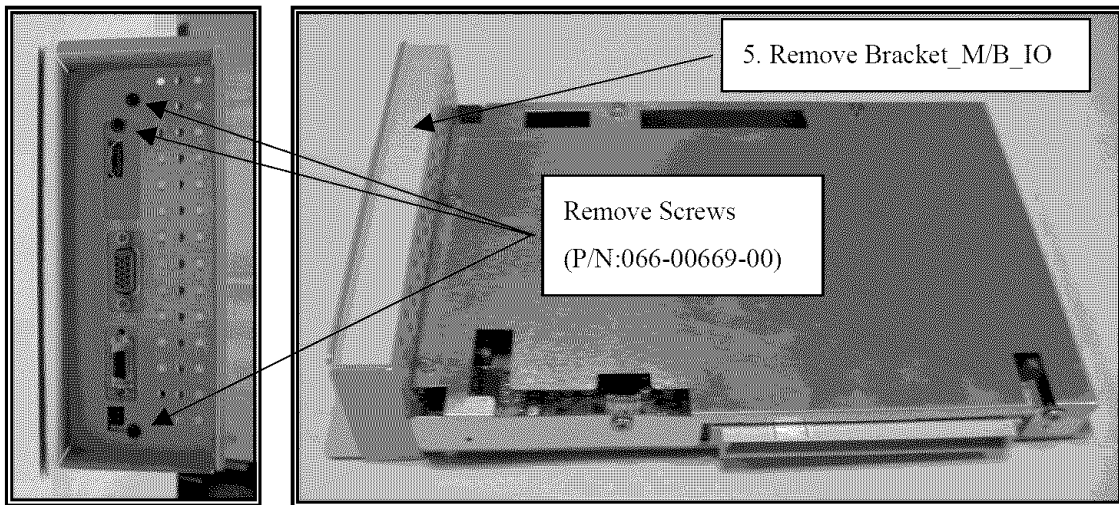
1. Remove Screws
P/N: 066-00610-00
(For Card Reader)

2. Remove Screws
P/N: 066-00610-00
(For front RCA board)

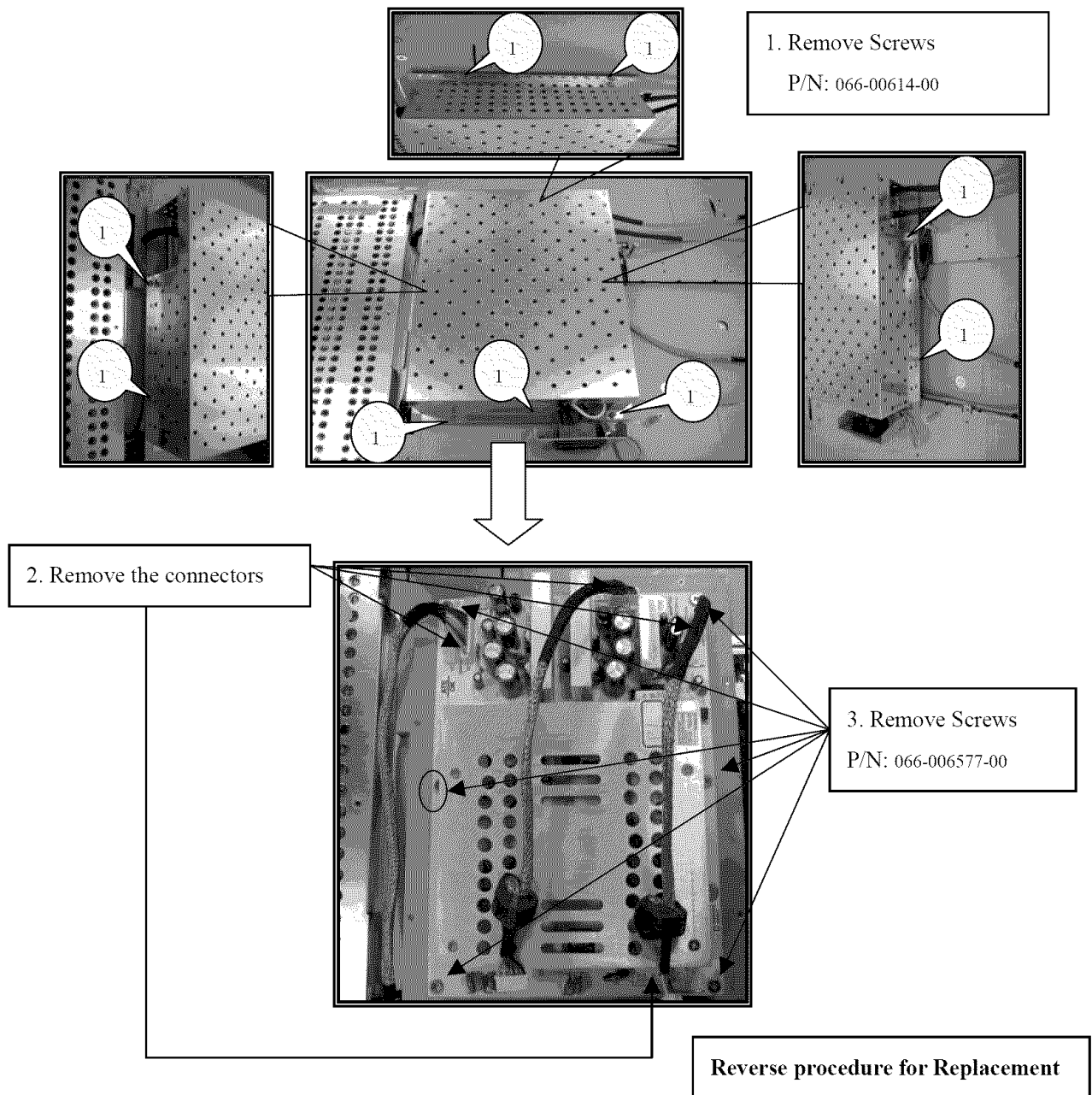
Reverse procedure for Replacement

5.2.5 Remove and Replace Main board





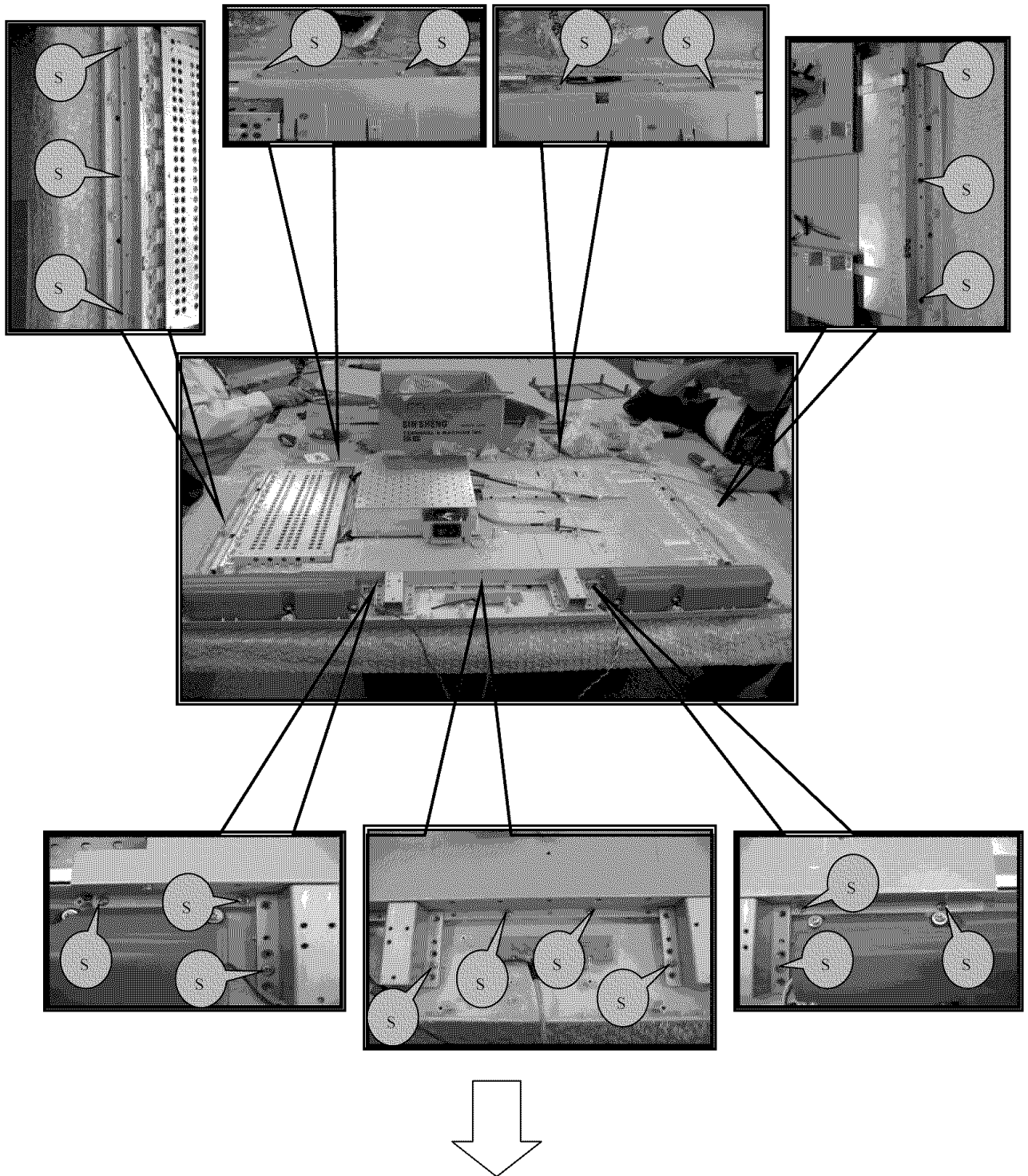
5.2.6 Remove and Replace Power board

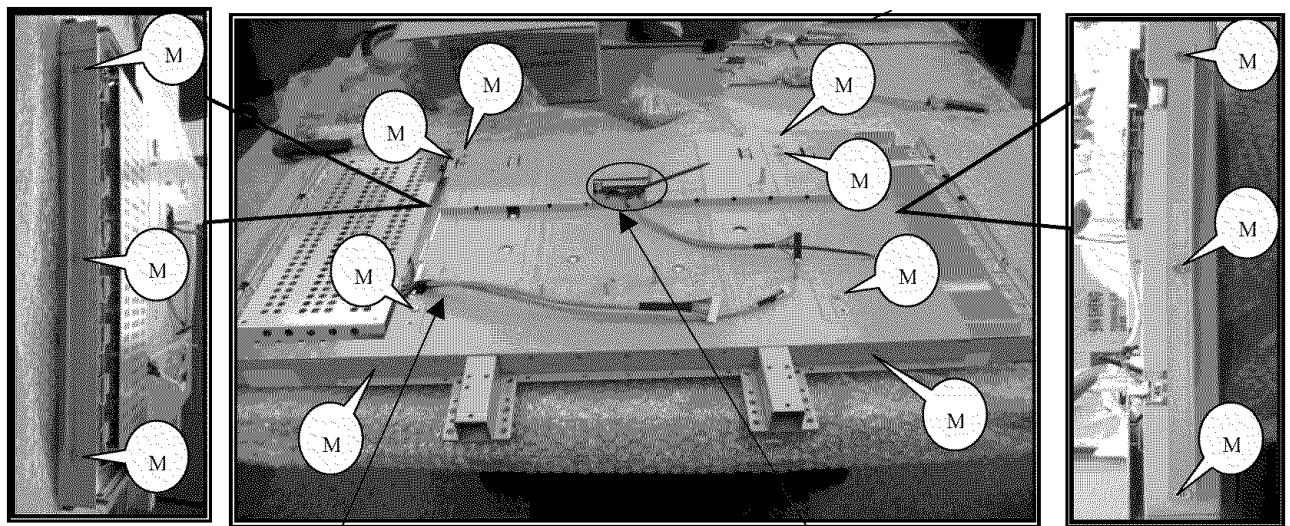
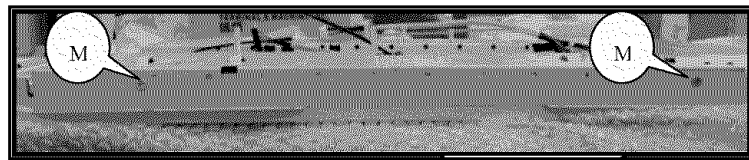


5.2.7 Remove and Replace Panel

1. Remove Screw and take the panel ass'y from front bezel

P/N: 066-00575-00





1. Remove Inverter connecting wire.

2. Remove Panel connecting wire.

3. Remove Screw
P/N: 066-00849-00



Reverse procedure for Replacement

6.0 Troubleshooting Guide

Item	Symptom	Inspection points
1	No Power, No Picture, No Backlight, No Sound	1. Check Power board AC input . 2. Check Power board DC output (+5Vs, +5V, +16V). 3. Check J4 of Main board and connecting wire. 4. Check J8 of Main board and connecting wire. 5. Check J6 of Main board and connecting wire. 6. Check Main board.
2	No Picture, No backlight, Sound is OK.	1. Check Power supply voltage for inverter.(24Vdc) 2. Check Inverter. 3. Check J6(main board) to Inverter connecting wire. 4. Check Main board.
3	No Picture, Backlight is OK, Sound is OK.	1. Check VLCD = 5V on J9 connector. 2. Check Panel connector. 3. Check connecting wire(J9 to Panel). 4. Check Main board. 5. Check Panel
4	Action of Function Key abnormally	1. Check Key board 2. Check Key Pad. 3. Check Key board to CN1 connecting wire. 4. Check Main board.
5	Remote control problem	1. Check IR board. 2. Check IR board to CN5 connecting wire. 3. Check Remote control. 4. Check Main board.
6	Poor performance of picture	1. Check All_Factory_Reset. 2. Check Main board. 3. Check Video board. 4. Check CN2 of Video board connecting wire. 5. Check CN7 to Video board connecting wire. (For Y,Pb,Pr)
7	No sound, Poor sound	1. Check Speaker. 2. Check JP7 to speaker connecting wire. 3. Check Main board. 4. Check Front RCA board. 5. Check J3 to Front RCA board connecting wire.



Item	Symptom	Inspection points
8	Can't receive TV or Cable program	1. Check Video board.
9	Card Reader problem (Option)	1. Check J1 (Main board) to Card Reader connecting wire. 2. Check Card Reader. 3. Check Main board.

7.0 Spare Parts Material List

Item	Part No.	Part Name	Q'ty	Unit	Location
1	001-00015-00	BATTERY	2	PCS	
2	043-40074-00	保護片	1	PCS	
3	077-10210-R0000	LABEL;Protron(PLTV-32M)	1	PCS	
4	077-20112-00	BARCODELABEL(空白)	2	PCS	FCC LABEL 上
5	077-20164-00300	CARTON LABEL;Prosonic	1	PCS	
6	077-20346-R0000	LABEL;FOR HDMI LOGO	1	PCS	
7	077-80019-00100	鋁銘板;PLTV-30&PLTV-27	1	PCS	
8	083-11428-00	配件盒	1	PCS	
9	083-11930-R0100	外箱;Protron(PLTV-32M);無鉛;R1	1	PCS	
10	083-31130-00	透明夾鏈袋	1	PCS	MANUAL+BATTERY
11	083-31232-00000	PE 袋	1	PCS	
12	083-62205-R0100	CUSHION	1	PCS	
13	083-62206-R0100	CUSHION	1	PCS	
14	083-62229-00000	平板 EPE	1	PCS	
15	300-10970-R0000	說明書;Protron	1	PCS	
16	300-10971-R0000	快速安裝卡	1	PCS	
17	300-30005-00000	註冊卡	1	PCS	
18	886-00188-00000	遙控器;PROSONIC(PLTV-32C)	1	PCS	
19	919-00402-00	CABLE;LT17B1E1	1	PCS	
20	919-30061-00	POWER CORD	1	PCS	
21	919-37023-00	CABLE;AUDIO	1	PCS	
22	919-37028-00	CABLE(信號線)	1	PCS	
23	004-14055-R0000	BRACKET;WALL MOUNT	8	PCS	REAR COVER*8(委託塑膠廠熱融加工)
24	004-14063-00	BRACKET;TV BD_AV	1	PCS	
25	004-14071-00	BRACKET;AC_SOCKET	1	PCS	
26	004-14103-R0200	BRACKET;PANEL ASS'Y(AU V5)	1	PCS	
27	004-14104-00000	BRACKET;PW BD	1	PCS	



Item	Part No.	Part Name	Q'ty	Unit	Location
28	004-14105-00000	BRACKET;PANEL SIDE(AU)	2	PCS	
29	004-14111-00000	BRACKET;TV BD IO(AV)	1	PCS	
30	004-14113-00000	BRACKET;STAND NECK	1	PCS	
31	004-14144-R0100	BRACKET;MAIN BD IO(HDMI)	1	PCS	
32	004-14145-R0100	BRACKET;TV BD IO;TV2	1	PCS	
33	004-14147-R0000	BRACKET;TV BD	1	PCS	
34	004-14148-R0000	BRACKET;MAIN BD	1	PCS	
35	019-10007-00	散熱矽膠	1	PCS	Between M/B & Shield-M/B
36	022-0065A-00500	CASE;TV COVER TOP(AV 印刷)	1	PCS	
37	022-0066A-00100	CASE;TV COVER BOTTOM;R1	1	PCS	
38	022-0067A-00000	CASE;FRONT BEZEL ASS'Y	1	PCS	
39	043-40018-00	MYLAR;LT27C1P1	1	PCS	
40	043-40019-00	MYLAR;LT27C1P1	1	PCS	
41	062-50010-00	Rubber foot	2	PCS	
42	062-50018-00005	RUBBER FOOT;RIGHT;LT32C1P1	1	PCS	FRONT STAND BASE
43	062-50018-00105	RUBBER FOOT;LEFT;LT32C1P1	1	PCS	FRONT STAND BASE
44	065-10037-00100	SHIELD;POWER BD	1	PCS	
45	065-10049-R0000	SHIELD;MAIN BD	1	PCS	
46	065-10050-R0000	SHIELD;TV BD_AV	1	PCS	
47	066-00573-00	SCREW;ZINC	7	PCS	
48	066-00575-00	SCREW;ZINC	28	PCS	
49	066-00577-00	SCREW;W/WASHER;ZINC	8	PCS	
50	066-00578-00	SCREW;W/WASHER;ZINC	10	PCS	
51	066-00581-00	SCREW;W/彈簧+平墊片	8	PCS	
52	066-00592-00	SCREW;W/TOOTH LOCK	1	PCS	
53	066-00610-00	SCREW;ZINC	6	PCS	
54	066-00614-00	SCREW	39	PCS	
55	066-00614-00100	SCREW	5	PCS	
56	066-00615-00	SCREW,BLACK	8	PCS	

Item	Part No.	Part Name	Q'ty	Unit	Location
57	066-00653-00	SCREW;ZINC	2	PCS	
58	066-00667-00	SCREW ZINC	2	PCS	
59	066-00742-00	SCREW;BLACK	17	PCS	
60	066-00844-00000	SCREW;ZINC	2	PCS	
61	066-00846-00000	SCREW	8	PCS	
62	066-00848-00000	SCREW;BLACK	2	PCS	
63	066-00849-00000	SCREW;ZINC	10	PCS	
64	066-00851-00000	SCREW;W/WASHER;ZINC	12	PCS	
65	066-00943-00000	SCREW;ZINC	8	PCS	
66	076-75075-00000	MYLAR;CARD READER;LT32C1P1	1	PCS	
67	076-77001-00	鋁泊膠帶	13	PCS	
68	083-95034-R0006	導電泡棉;Meet Rohs	2	PCS	
69	083-95046-00006	導電泡棉	2	PCS	
70	092-10248-00	BUTTON	1	PCS	
71	505-10143-00000	SPRING	8	PCS	
72	508-10011-R0000	HOLDER;DIE CASTING	1	PCS	
73	510-00115-R0200	PANEL;Meet Rohs	1	PCS	
74	511-00074-00009	LENS;IR;三和;LT32C1P1	1	PCS	
75	922-10133-00400	REAR COVER"美規+HDMI 印刷"ASSY	1	PCS	
76	940-00017-00000	音箱	1	PCS	
77	944-00729-001A5	CONNECTOR WIRE;LT32C1P1	1	PCS	M/B- PW/B
78	944-00732-000A5	CONNECTOR WIRE;LT32C1P1	1	PCS	AC-PW/B
7980	944-00734-001A5	CONNECTOR WIRE;LT32C1P1	1	PCS	M/B-PW/B
81	944-00735-001A5	CONNECTOR WIRE;LT32C1P1	1	PCS	M/B-PANEL
82	944-00809-R01A5	CONNECTOR WIRE;無鉛;LT32C1M1	1	PCS	M/B-K/B
83	944-00810-000A5	CONNECTOR WIRE;LT32C1M1	1	PCS	M/B-RCA/B
84	944-00816-R00A5	CONNECTOR WIRE;無鉛;LT32C1P1	1	PCS	INVERTER-PW/B
85	971-1011B-004	PCBA POWER/B;4 組 OUTPUT	1	PCS	
86	971-1027E-00000	DIP PCBA VIDEO BOARD	1	SET	
87	971-1065E-R0100	DIP PCBA MOTHER BOARD;REV.E	1	SET	



Item	Part No.	Part Name	Q'ty	Unit	Location
88	971-10616-00	DIP PCBA K/B	1	SET	
89	971-1031C-00000	DIP PCBA IR+LED BOARD	1	SET	
90	971-10579-01	DIP FRONT RCA BOARD;REV.E	1	SET	

Approved by: *Jerry*Prepared by: *Cliff Chang*