Acer AT2621/22 LCD TV
Service Guide

Service guide files and updates are available on the ACER/CSD web. For more information, please refer to http://csd.acer.com.tw

PRINTED IN CHINA

Revision History

Please refer to the table below for the updates of LCD TV AT2621/22 service guide.

Date	Chapter	Updates
2007/10/10	Chapter 1 ~ 3	1st edition

Copyright

Copyright®2006 by Acer Incorporated. All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise, without the prior written permission of Acer Incorporated.

Disclaimer

The information in this guide is subject to change without notice.

Acer Incorporated makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties of merchantability or fitness for any particular purpose. Any Acer Incorporated software described in this manual is sold or licensed “as is”. Should the programs prove defective following their purchase, the buyer (and not Acer Incorporated, its distributor, or its dealer) assumes the entire cost of all necessary servicing, repair, and any incidental or consequential damages resulting from any defect in the software.

Acer is a registered trademark of Acer Incorporated.

Other brand and product names are trademarks and/or registered trademarks of their respective holders.

Conventions

The following conventions are used in this manual.

SCREEN MESSAGES	Denotes actual messages that appear on screen.
NOTE	Gives bits and pieces of additional information related to the current topic.
WARNING	Alerts you to any damage that might result from doing or not doing specific actions.
CAUTION	Gives precautionary measures to avoid possible hardware or software problems.
IMPORTANT	Reminds you to do specific actions relevant to the accomplishment of procedures.

Preface

Before using this information and the product it supports, please read the following general information.

1. This Service Guide provides you with all technical information relating to the BASIC CONFIGURATION decided for Acer's “global” product offering. To better fit local market requirements and enhance product competitiveness, your regional office MAY have decided to extend the functionality of a machine (e.g. add-on card, modem, or extra memory capability). These LOCALIZED FEATURES will NOT be covered in this generic service guide. In such cases, please contact your regional offices or the responsible personnel/channel to provide you with further technical details.
2. Please note WHEN ORDERING FRU PARTS, you should check the most up-to-date information available on your regional web or channel. For whatever reason, if a part number change is made, it will not be noted in the printed Service Guide. For ACER-AUTHORIZED SERVICE PROVIDERS, your Acer office may have a DIFFERENT part number code to those given in the FRU list of this printed Service Guide. You MUST use the list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

System Specification

Specification

LCD Panel

Max. resolution: 1366 x 768

6 CCFTs Backlight system

Display area: 575.769 (H) x 323.712 (V)

Display color: 16.7 M colors

Input Signal: 1-ch LVDS

Contrast ratio: 800:1 (Typical)

Brightness: 500 Cd/m² (Typical)

Response Time: 8 ms (Gray to Gray)

Viewing angle: 80° (L) / 80° (R), 80° (U) / 80° (D)

I/O functions

21 pin Euro-SCART (RGB) for Video, S-Video, R.G.B. and Audio

21 pin Euro-SCART (RGB) for Video, S-Video, R G B and Audio

RCA jack (YUV and CVBS) for YPbPr, YCbCr, Video and Audio

RCA jack (R and L) for Audio Line Out (the output will change according to user's selection)

15 pin D-Sub for VGA

19 pin HDMI connector * 2

DIN45325 (IEC169-2) Terminal for TV / CATV input

3.5 mm ∮ Earphone jack for PC Audio Line input

Video Functions

Support PAL / NTSC / SECAM video format

Support 480i/576i, 480p/576p, 1080i and 720p format

Build in Teletext functions

Build in Dynamic adaptive smoothing filter

Build in Dynamic temporal frame-filtering Noise Reduction

Build in Dynamic motion and edge adaptive De-interlacing

Film mode 3:2 & 2:2 pull down

Screen display model: Auto / 4:3 / 16:9 / panorama / Letterbox 1,2,3

Mechanical

VESA mounting holes

Compatibility

Multi-Sound system

NICAM

FM Stereo (A2)

Power Source

Input voltage:	AC: 90 ~ 264 V, 47 ~ 63 Hz
Input current:	1A (AC 220V)
Power consumption:	161 Watts
Stand-by:	2 Watts Max.

Remote controllers

Multi-function remote controller

Speaker

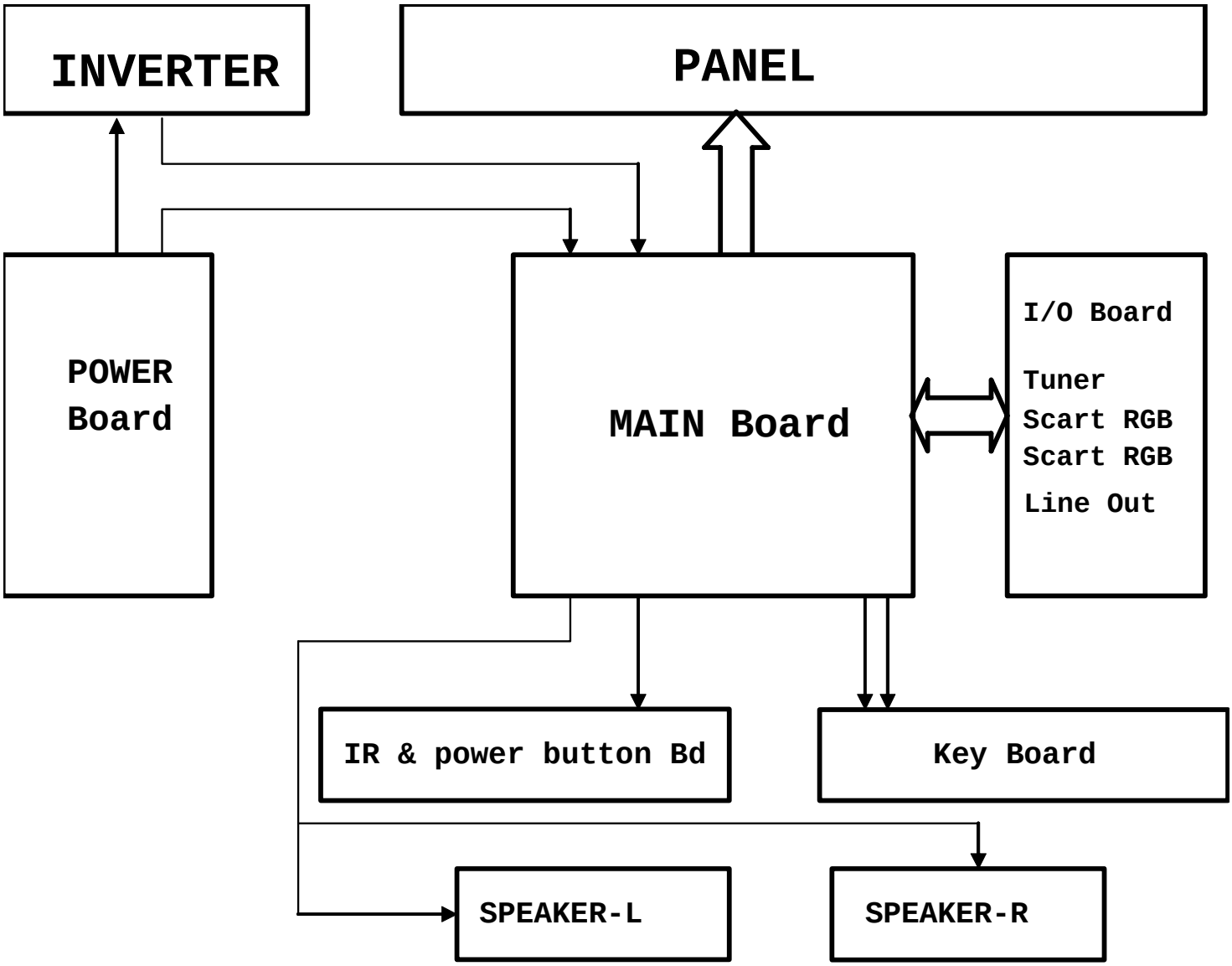
Internal speaker:	5 W x 2 stereo

Others

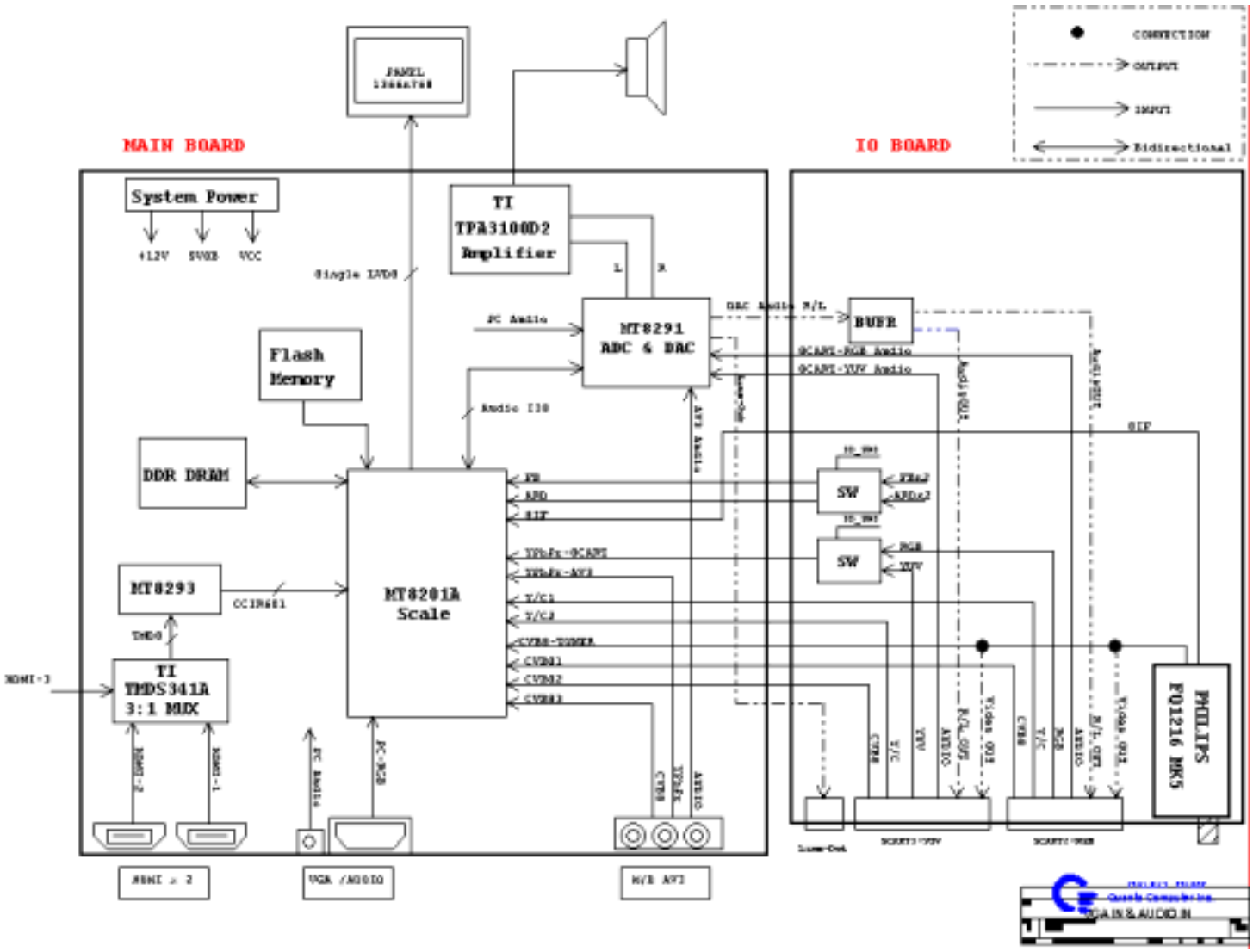
On screen display adjustment function

ISP (In System Programming) function available for revising driver easily

System Block & Wiring Diagram



LCD Main Board Block Diagram



Remote Control

Key Functions

Remote Function description		
R/C for Europe	Key Functions	Remark (for cardreader)
Power	Power On/Off	
Display	Display Channel and Input Source	

Mute	Mute On/Off	
TV	TV Turner	
SCART	SCART1/SCART2	
AV	AV3/HDMI1/HDMI2	
PC	VGA	
Sleep	Sleep Timeer Off 15/30/45/60/90/120	
Wide	Scaling Mode (4:3 /16:9 /Panorama /Letterbox)	
Menu	Open Menu or leave Menu	
Four way direction key		
up	Navigate up in the OSD or next (sub)page in teletext mode	
down	Navigate down in the OSD or pevious (sub) page in teletext mode	
left	Navigate left in the OSD	
right	Navigate right in the OSD	
OK	Selection Confirm	
Channel key		
1	Number key 1	
2	Number key 2	
3	Number key 3	
4	Number key 4	
5	Number key 5	
6	Number key 6	
7	Number key 7	
8	Number key 8	
9	Number key 9	
0	Number key 0	
Recall	Return to previous channel	
Enter	Enter to confirm channel selection by number key	
Channel UP	Channel up	
Channel Down	Channel down	
Volume key		
MPX	NICAM	
	STEREO Broadcast : Stereo/Mono	
	BILIGUAL Broadcast : Sound 1 / Sound 2	
	MONAURAL Broadcast: Mono	
	FM-FM	
	STEREO Broadcast: Stereo/Mono	
	BILINGUAL Broadcast : Sound 1 / Sound 2	
Volume up	Volume up	

Volume down	Volume down	
Teletext	Teletext on/off	
Index	Go to index page (usually page 100)	
Subpage	Enter/Leave subpage mode	
Reveal	Display Hidden Information	
Hold	Temporarily holds the current teletext page if TEXT on	
	Froze the picture if TEXT off	
Size	Zoom page toggle 1X/2X	
	Page select by Up-arrow and Down-arrow	
Teletext	Turn teletext mode on/off	
Subtitle	Show subtitle on the screen	
R	Colour button to operate the teletext	
G	Colour button to operate the teletext	
Y	Colour button to operate the teletext	
C	Colour button to operate the teletext	

Hardware Specification and Configuration

Electro / Optical

Model	AT2621/22
Panel specification	
Resolution(pixels)	1366x768
Brightness(min.)	500 cd/m²
Contrast ratio(min.)	800:1(Typ.)
Display color	16.7 M
Viewing angle	160(H)/160(V)
Response(typ.)	8ms
Power supply	
Input	90-264 V, 47-63 Hz
Max. power Consumption	161W
Power saving	2W
Mechanical	
Dimensions(WxHxD mm)	692.9*531.6*201
Weight(Kg)	4.5
TV system	
Destination	PAL / SECAM
Color System	CCIR B/G, D/K, I and L/L'
Sound System	Sound 1 and Sound 2
Stereo System	NICAM and FM Stereo (A2)
Channel System	Full frequency range from 48.25 MHz to 863.25 MHz
Terminal	
RF	DIN45325 (IEC169-2) Type
SCART 1	Euro-SCART (RGB) for Video, S-Video, RGB and Audio
SCART 2	Euro-SCART (RGB) for Video, S-Video, RGB and Audio
AV	RCA for YPbPr or CVBS and Audio R/L
Line Out	Audio R/L Output
HDMI1/HDMI2	HDMI connect for HDMI and DVI mode
PC Analog Port	D-Sub 15 pin VGA
3.5 mm ∮ Earphone jack	PC Audio Line input
Service Port	ISP through D-Sub
Audio system	
Speaker	5 W x 2

Firmware Specifications

Preset Mode for VGA Input

16 factory pre-set modes for VGA inputs are saved during the manufacturing process.

Please press "Volume-" + "Channel+" + "POWER" to enter the LCD TV factory mode.

	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Standard	Format
1	640 x 350	31.5	70.0	VGA	
2	720 x 400	31.5	70.0	VGA	
3	640 x 480	31.5	60.0	VGA	
4	640 x 480	35.0	66.7	MAC	
5	640 x 480	37.9	72.0	VESA	
6	640 x 480	37.5	75.0	VESA	
7	640 x 480	43.3	85.0	VESA	
8	800 x 600	35.2	56.0	VESA	
9	800 x 600	37.9	60.0	VESA	
10	800 x 600	48.1	72.0	VESA	
11	800 x 600	46.9	75.0	VESA	
12	800 x 600	53.7	85.0	VESA	
13	832 x 624	49.7	74.5	MAC	
14	1024 x 768	48.4	60.0	VESA	
15	1024 x 768	56.5	70.0	VESA	
16	1024 x 768	60.0	75.0	VESA	
17	1280 x 768	47.8	59.9	VESA	
18	1280 x 720	44.8	59.9	VESA	16:9
19	1280 x 720	56.5	74.8	VESA	16:9
20	1360 x 768	47.7	59.8	VESA	16:9
21	1360 x 768	60.3	74.9	VESA	16:9

This LCD TV would detect the used mode automatically.

Power Saving

While VGA is selected to be input, this LCD TV is equipped with a power-management. There is a delay of 8 seconds before the transition from On-state to power saving state to avoid unintentionally entering of a power saving state during display resolution and timing mode changes. During the period of delay, the LED shall indicate green color and OSD will show " NO SIGNAL ". Transition from any power saving state to another can be instantaneous. The recovery from Off-state requires no manual power on.

Mode	Signal	Power	Indication	Recovery time
Power-On	On	< 190W	Green	--
Stand-by	Off	< 3W	Red	<5s
Power off	×	< 3W	Red	Turn on > 6s

Sync on means: normal operation

Sync off means: Hsync: f < 1 KHz, duty cycle > 25 %, Vsync: f < 10 Hz, duty cycle > 25 %

The power-consumption is valid over the specified voltage and frequency range.

Power comsuption is measured from AC source.

There are no power saving modes for TV, SCART1/2 or HDMI1/2 inputs.

Performance Specifications

The performance shall be check at 25°C environment.

White Balance and Uniformity

Set contrast and brightness at 50.

Set backlight at 80.

Please use HDMI 720P for white balance adjustment.

Color temperature table:

	Color Temperature	CIE-x	CIE-y	Luminance (Remark 4)
Cold	13000	0.2686	0.2735	Above 300 nits
Standard	10000	0.2806	0.2883	Above 350 nits
Warm	8000	0.2951	0.3048	Above 300 nits

Remark:

1. The color temperature should be limited at the range of ±1000K when luminance of panel is over 10 nits.
2. The CIE-x/y value should be limited at the range of ±0.005 when luminance of panel is over 10 nits.
3. There should be no critical color leak or level jump when luminance of panel is lower than 10 nits.
4. This item is checked by full-white pattern.

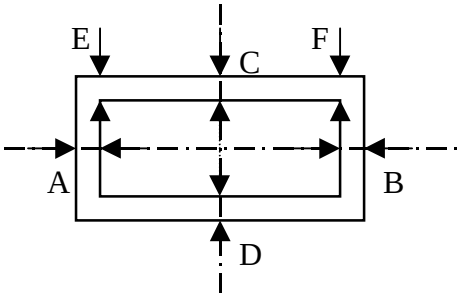
Display Area, Phase, Center and Tilt

Display Area: 26 inches diagonal

H-Phase: A-B Less than 1.5mm

V-Center: C- D Less than 1.5mm

Tilt: E-F Less than 1.5mm, but non-active area must be larger than zero for four sides



Max. Brightness

The brightness should exceed 350 Cd/m^2 while set both of contrast and brightness to max. and color temperature of Standard is selected. (Typical value would be 500 Cd/m^2).

Power Supply Electrical Specifications

The power supply for this product is an internal converter, with a non-replaceable fuse internally.

This converter shall be well designed to meet CE mark requirement.

Input Voltage and Frequency Range

The operating range of line voltage shall be:

AC 90 volts to 264 volts, 47 Hz to 63 Hz

Power comsuption shall be under 190 Watts

Variation of the line voltage throughout the applicable operating range shall not result in any visible image anomalies such as image movement, changes in light output, nor changes in image stability or quality.

Line Fuse

The AC input shall be fused and become electrically open as a result of an unsafe current condition. This fuse is inside the power supply converter and is not user replaceable, and must be returned for replacement.

This fuse shall be well selected to handle inrush current for all combinations of line voltage and frequency.

Hot plug and power on/off sequence

Once hot plug occurs, at the very first time, the initial current should be limited at 0.87 amps or lower when power off. Current will stay below 100 m amps while power on, then ramp up to full power (about 0.87 amps at AC 220 volts) within 5 seconds when power-up signal is triggered. For the shut down sequence, the current will stay at full power for about 150 m seconds or less, then ramp down to 100 m amps within 1 second.

Power on LED Location and Type

Power on indicator shall be easily visible from the front of the display.

Inverter

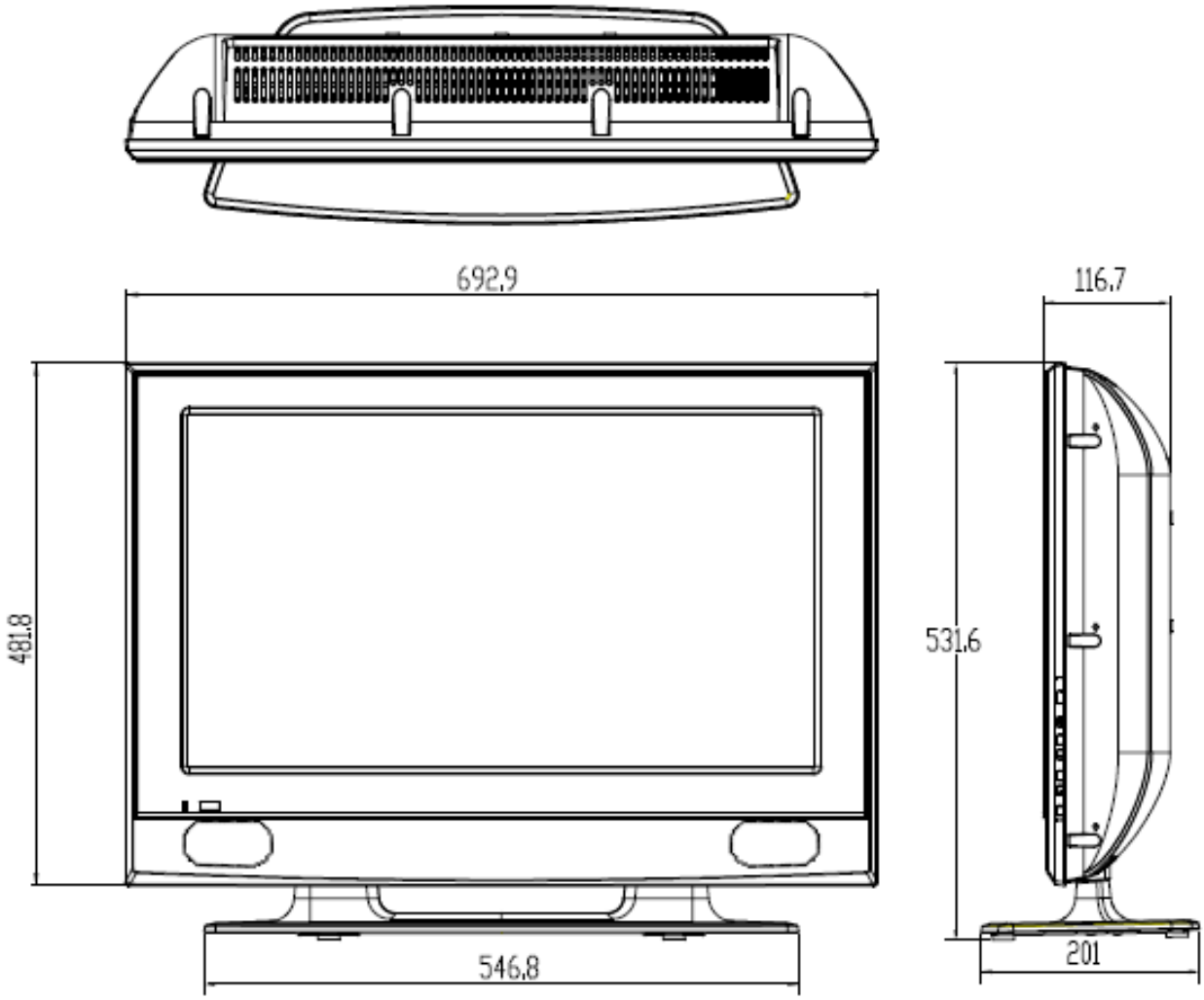
The inverter which is used to light up back-light of LCD panel shall be well designed to meet requirement of panel's specification.

Overall Dimensions

Height: 531.6 mm

Width: 692.9 mm

Depth: 201 mm



Environmental Requirements

This display shall meet the following environmental requirements under normal operating conditions.

Operating

25° ± 5° for Purity, White Point, Mis-convergence, Luminance measurements and White uniformity measurement

Operating temperature: 0°C to 35°C

Operating humidity: 20 % to 80 % (non-condensing)

Storage and Shipping

Storage temperature: -20°C to 60°C

Shipping temperature: -20°C to 60°C

Storage humidity: 20 % to 80 % (non-condensing)

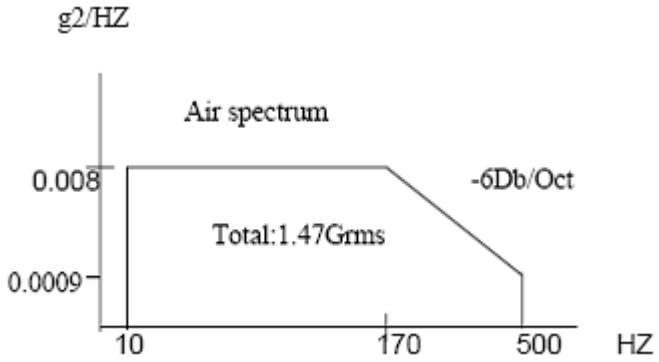
Shipping humidity: 20 % to 80 % (non-condensing)

Vibration Test

The packaged display shall be capable of passing sinusoidal vibration test as specified in follows.

Test condition as below :

1) Package sinusoidal vibration 7Hz, 1.05G acceleration, 20min/axe, 3axes
2) Random vibration,10-500 Hz, 1.47G RMS



The unit under test shall be run for a duration of 30 minute in :

Top and bottom side (z axis).

The unit shall suffer no visible cosmetic damage and should operate no degradation indisplay quality after test.

Additionally, prior to production and prior to implementation of any design or manufacturing change that might affect vibration performance, a minimum of 2 units shall be demonstrated to meet the requirements of specification.

Drop Test

The packaged display shall be capable of passing drop test as specified in following specification without any measurable degradation in performance or detectable mechanical or cosmetic damage.

Dropping way: 1 corner, 3 edges, 6 flats

Dropping Height: follow the below table

	Surface	Edge	Corner
1~9 KG	0.76	0.76	0.76
10~19 KG	0.39	N/A	N/A
20~29 KG	0.36	N/A	N/A
30~39 KG	0.33	N/A	N/A
40~49 KG	0.3	N/A	N/A
>=50 KG	0.25	N/A	N/A

Additionally, prior to production and prior to implementation of any design or manufacturing change that might affect vibration performance, a minimum of 2 units shall be demonstrated to meet the requirements of specification.

VESA DDC

The VGA/HDMI inputs shall be capable of continuously transmitting its Extended Display Identification (EDID) information using Display Data Channel. It shall automatically switch to DDC2 mode if a DDC2 capable host is detected in accordance with the VESA DDC standard.

In addition, the display can respond to a request for EDID, to be transmitted using DDC2, level B commands. If a DDC2 capable host is detected by the display, the display shall switch to DDC2 communication.

The EDID shall contain the manufacture name code QCI, product code, date of manufacture, and serial number.

For complete EDID data structure, please refer to VESA Extended Display Identification Data Standard.

Hardware implementation may be either integrate into micro-controller or be a separate electrical component. EDID memory must be protected against writing or other corruption through customer-accessible electrical connection and required communication channels. Password protection, use of an unpublished enable register, or use of direct electrical connection is acceptable levels of protection provided that the power-on Default State is that disabling writing. The serial number fields in the EDID must contain a unique identifying numbers among units of the same model. EDID Table is defined as below:

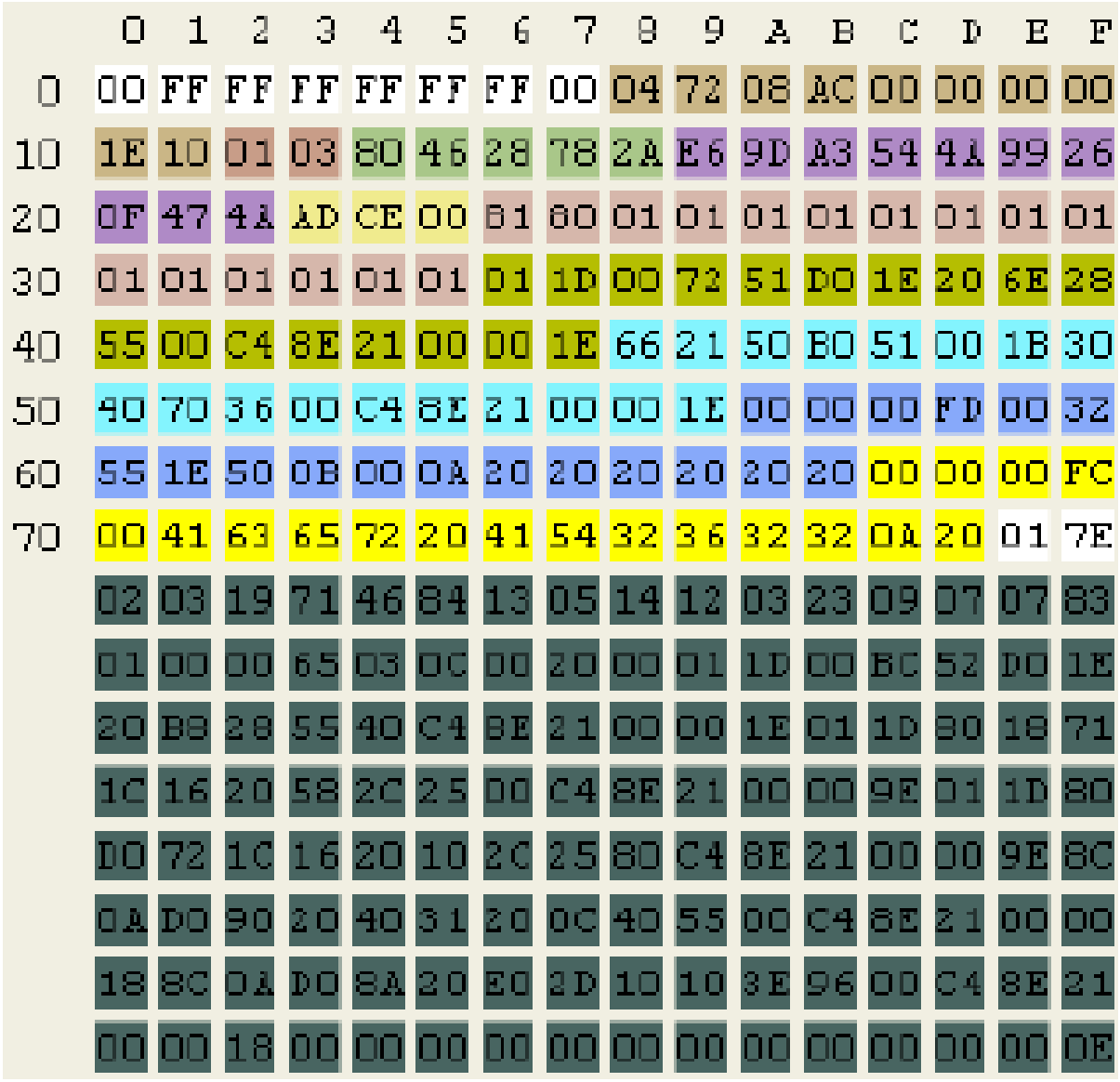
For VGA input: (TBD)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	00	FF	FF	FF	FF	FF	FF	00	04	72	08	AC	00	00	00	00
10	2D	0F	01	03	68	46	28	78	28	E6	9D	A3	54	4A	99	26
20	0F	47	4A	AD	CE	00	81	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	66	21	50	B0	51	00	1B	30	40	70
40	36	00	C4	BE	21	00	00	1E	00	00	00	FD	00	32	55	1E
50	50	0B	00	0A	20	20	20	20	20	20	00	00	00	FF	00	30
60	30	30	30	31	0A	20	20	20	20	20	20	20	00	00	00	FC
70	00	41	63	65	72	20	41	54	32	36	32	32	0A	20	00	1C

For HDMI input 1

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	00	FF	FF	FF	FF	FF	FF	00	04	72	08	AC	00	00	00	00
10	1E	10	01	03	80	46	28	78	2A	E6	9D	A3	54	4A	99	26
20	0F	47	4A	AD	CE	00	81	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	01	1D	00	72	51	D0	1E	20	6E	28
40	55	00	C4	8E	21	00	00	1E	66	21	50	B0	51	00	1B	30
50	40	70	36	00	C4	8E	21	00	00	1E	00	00	00	FD	00	32
60	55	1E	50	0B	00	0A	20	20	20	20	20	20	00	00	00	FC
70	00	41	63	65	72	20	41	54	32	36	32	32	0A	20	01	7E
	02	03	19	71	46	84	13	05	14	12	03	23	09	07	07	83
	01	00	00	65	03	0C	00	10	00	01	1D	00	BC	52	D0	1E
	20	B8	28	55	40	C4	8E	21	00	00	1E	01	1D	80	18	71
	1C	16	20	58	2C	25	00	C4	8E	21	00	00	9E	01	1D	80
	D0	72	1C	16	20	10	2C	25	80	C4	8E	21	00	00	9E	8C
	0A	D0	90	20	40	31	20	0C	40	55	00	C4	8E	21	00	00
	18	8C	DA	D0	8A	20	E0	2D	10	10	3E	96	00	C4	8E	21
	00	00	18	00	00	00	00	00	00	00	00	00	00	00	00	1E

For HDMI input 2



	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	00	FF	FF	FF	FF	FF	FF	00	04	72	08	AC	0D	00	00	00
10	1E	10	01	03	80	46	28	78	2A	E6	9D	A3	54	4A	99	26
20	0F	47	4A	AD	CE	00	B1	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	01	1D	00	72	51	D0	1E	20	6E	28
40	55	00	C4	8E	21	00	D0	1E	66	21	50	B0	51	00	1B	30
50	40	70	36	00	C4	8E	21	00	00	1E	00	00	00	FD	00	32
60	55	1E	50	0B	00	0A	20	20	20	20	20	20	00	00	00	FC
70	00	41	63	65	72	20	41	54	32	36	32	32	0A	20	01	7E
	02	03	19	71	46	84	13	05	14	12	03	23	09	07	07	83
	01	00	00	65	03	0C	00	20	00	01	1D	00	BC	52	D0	1E
	20	B8	28	55	40	C4	8E	21	00	00	1E	01	1D	30	18	71
	1C	16	20	58	2C	25	00	C4	8E	21	00	00	9E	01	1D	80
	D0	72	1C	16	20	10	2C	25	80	C4	8E	21	00	00	9E	8C
	0A	D0	90	20	40	31	20	0C	40	55	00	C4	8E	21	00	00
	18	8C	0A	D0	8A	20	E0	2D	10	10	3E	96	00	C4	8E	21
	00	00	18	00	00	00	00	00	00	00	00	00	00	00	00	0F

Chapter 2

Machine Disassembly and Replacement

General Information

This chapter contains step-by-step procedures on how to disassemble the AT2621/22 series for maintenance and troubleshooting. To disassemble the TV, you need the following tools:

Wrist grounding strap and conductive mat for preventing electrostatic discharge
Small Philips screwdriver
Philips screwdriver
Hexagonal screwdriver
Tweezers

Note:

The screws for the different components vary in size. During the disassembly process, please group the screws with the corresponding components to avoid mismatch when doing assembly. When you remove the boards, please be careful not to scrape them.

Warning!

The module is drived by high voltage. If you need to handle the module during operation or just after powered off, you must take proper precautions against electric shock and must not touch the drive circuit portion and metallic part of module within 10 minutes. The capacitors in the drive circuit portion remain temporarily charged even after the unit is powered off. If the residual voltage is strong enough, it could result in electric shock. Thus, we strongly suggest that you put on the wrist ground strap and put the component on the conductive mat or bag. Besides, please keep the unit grounded during the whole process of disassembly and assembly.

Before You Begin

Before you proceed with the disassembly procedure, make sure that you do the following steps:

1 Turn off the power to the TV and all peripherals.
2 Unplug the AC adaptor and all power and signal cables from the TV.

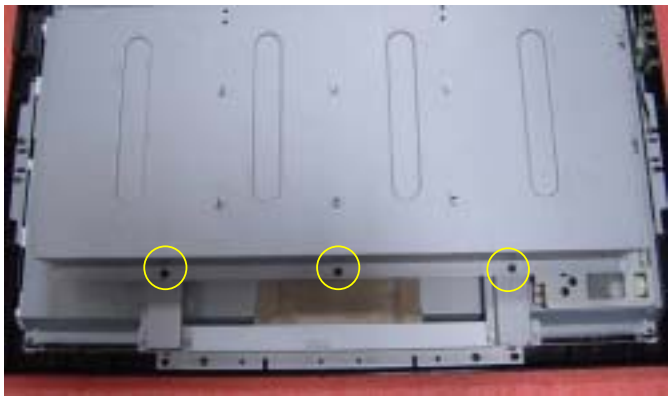
1. Release 2pcs screws and take off the base.

2. Release 8pcs screws from rear cover.

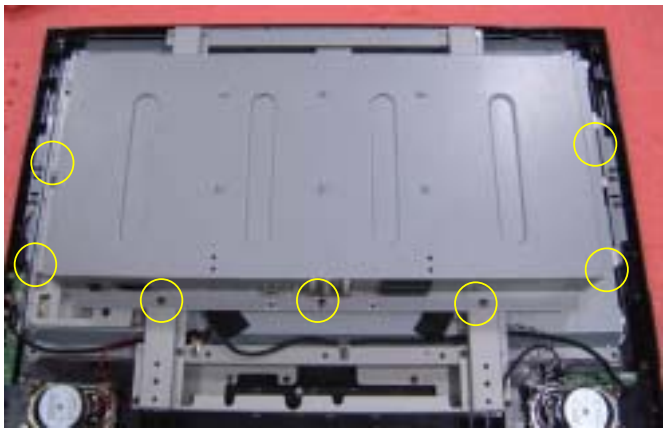
\

3. Release 7pcs screws from rear cover.

4. Release 8pcs screws from joint.

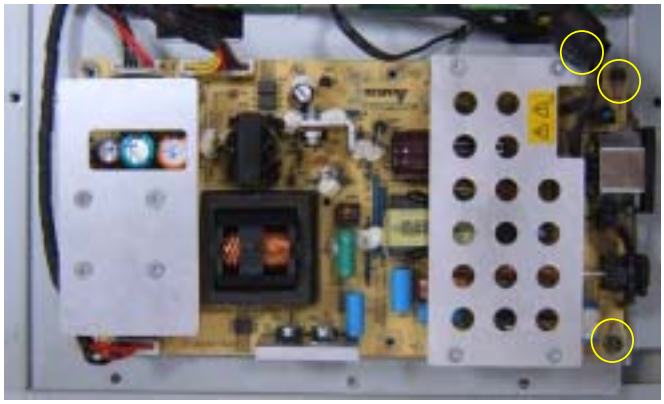


5. Release 3pcs screws from shielding.

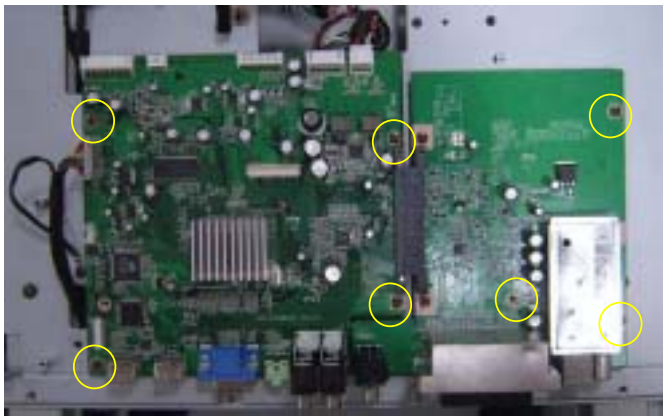


6. Release 7pcs screws from shielding.

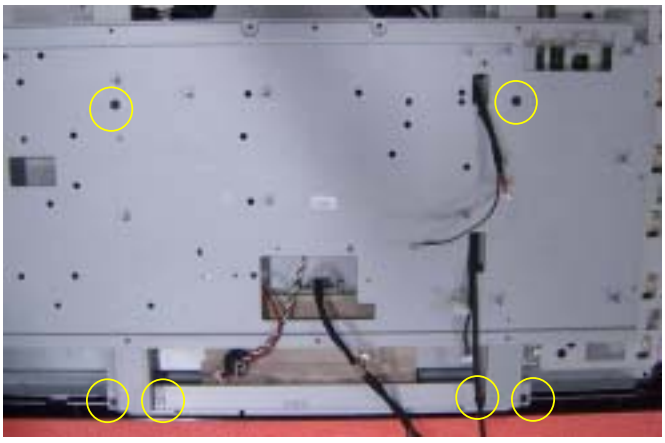
7. Release 5pcs screws from Power/B and GND cable.



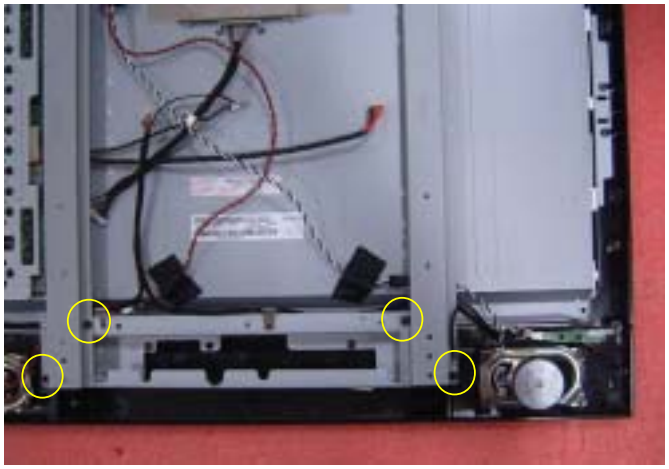
8. Release 3pcs screws from Power/B.



9. Release 7pcs screws from Main/B and IO/B.



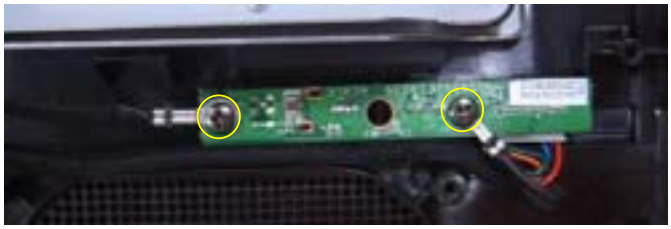
10. Release 6pcs screws from PCB tray.



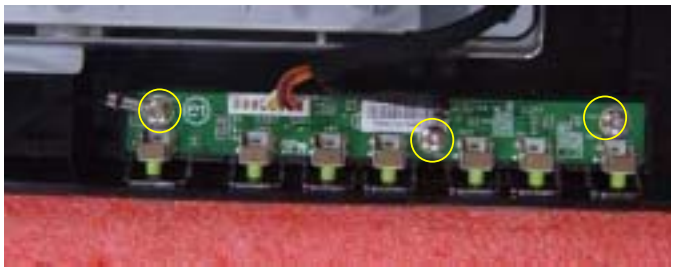
11. Release 4pcs screws from support bracket.

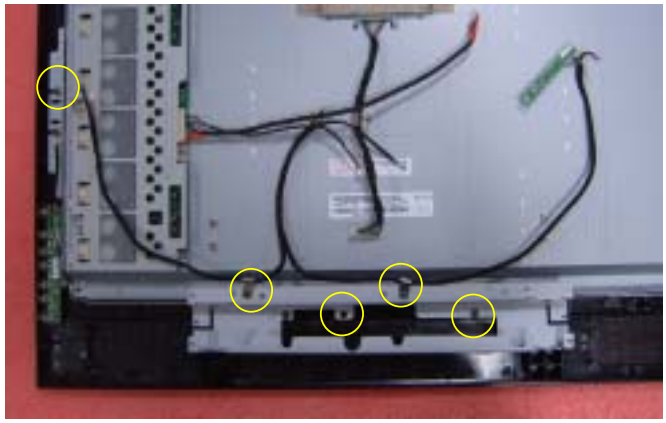
12. Release 2pcs screws from bezel dummy.

13. Release 8pcs screws from speakers.



14. Release 2pcs screws from IR/B.

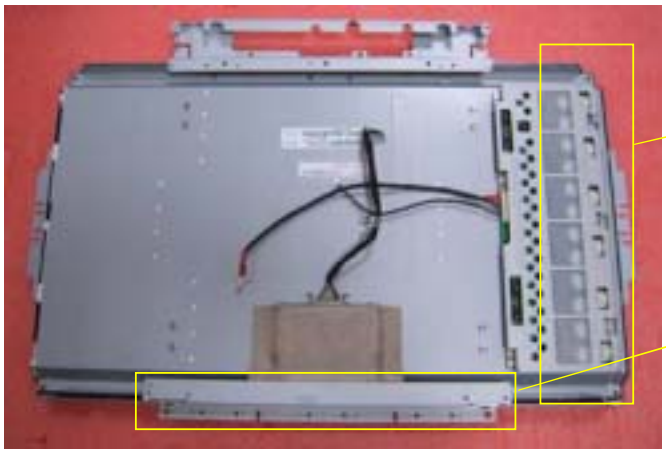


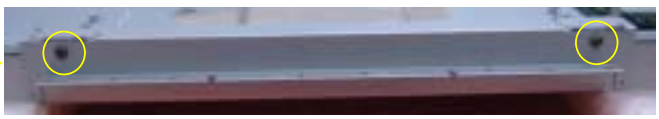


15. Release 3pcs screws from Button/B.

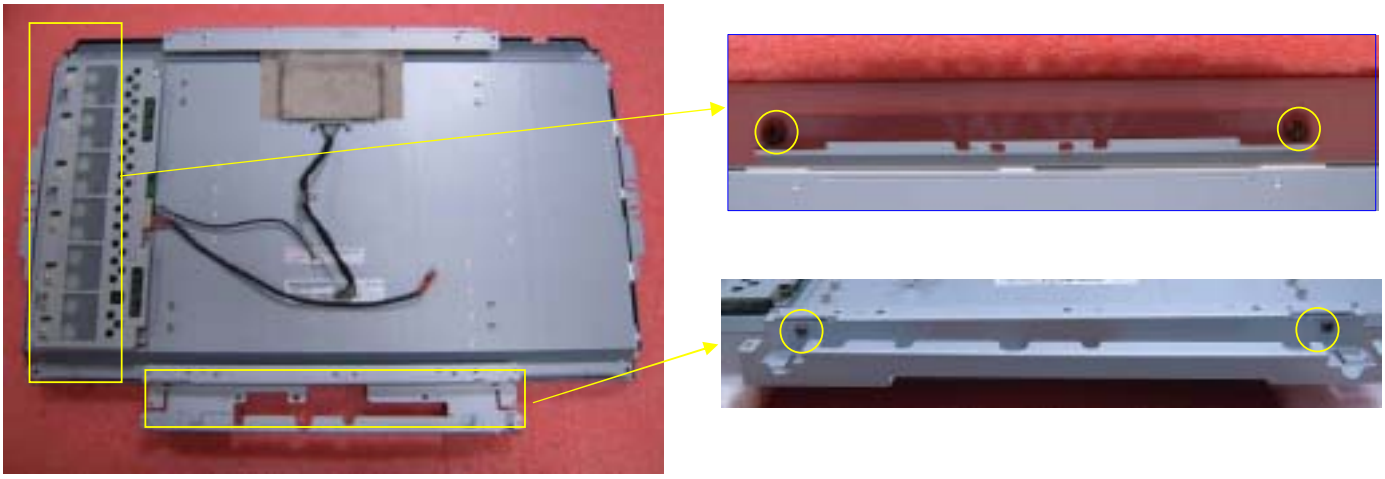
16. Release 5pcs screws as above show.

17. Release 5pcs screws from panel.





18. Release 4pcs screws as above show.



19. Release 4pcs screws as above show.

20. Disconnect the cables.

FRU (Field Replaceable Unit) List

This section gives you the FRU (Field Replaceable Unit) list in global configurations of AT2621/22 series. Please refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization). Please note that WHEN ORDERING FRU PARTS, you should check the most up-to-date information available on your regional web or channel. For whatever reasons a part number change is made, it will NOT be noted on the service guide. For Acer authorized service providers, your Acer office may have a different part number code from those given in the FRU list of this printed service guide. You MUST use the local FRU list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

Note: To scrap or to return the defective parts, you should follow the local government ordinance or regulations on how to dispose it properly, or follow the rules set by your regional Acer office on how to return it.

PARTS

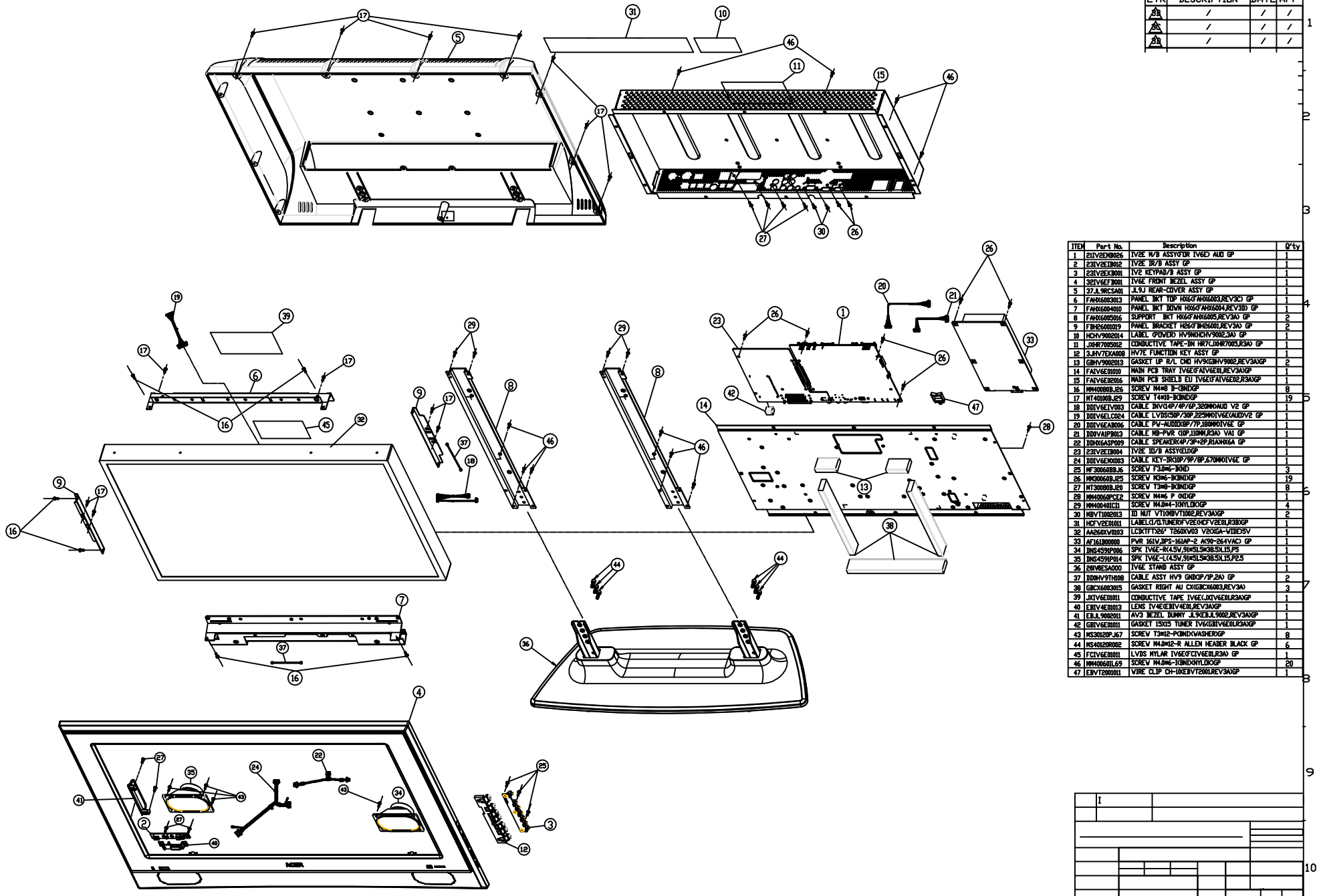
PART NAME	DESCRIPTION	TVE PART NO.	ACER PART NO.
Accessory			
REMOTE	REMOTE CONTROL EURT54BEACQT1 GP	DQ7T54BEA00	25.M25V7.001
BATTERY	BATTERY LR03GW/2SK (ALKALINE 1.5V) GP	AHDALR03006	23.M480E.002
BOARD			
MAIN/B	IV2E M/B ASSY(FOR IV6E)AUO GP	21IV2EMB026	55.M5507.001
IO/B	IV2E IO/B ASSY(EU) GP	23IV2EIB004	55.M5507.002
IR/B	IV2E IR/B ASSY GP	23IV2EIB012	55.M5607.004
KEYPAD/B	IV2 KEYPAD/B ASSY GP	23IV2EKB001	55.M5607.005
POWER/B	PWR 161W,DPS-161AP-2 A(90~264VAC) GP	AF161B00000	55.M5307.001
Cable			
CABLE LVDS	CABLE LVDS(50P/30P,225MM) IV6E(AUO)V2 GP	DDIV6ELC024	50.M6707.002
CABLE INVERTER	CABLE INV(14P/4P/6P,320MM) AUO V2 GP	DDIV6EIV003	50.M6707.001
CABLE MB-PWR	CABLE MB-PWR(10P,110MM,R3A)VA1 GP	DD0VA1PB013	50.M01V7.004
CABLE KEY-IR	CABLE KEY-IR(10P/9P/8P,670MM)IV6E GP	DDIV6EMX003	50.M6707.003
CABLE PW/AUDIO	CABLE PW-AUDIO(8P/7P,180MM)IV6E GP	DDIV6EAB006	50.M5507.001
CABLE SPEAKER	CABLE SPEAKER(4P/3P+2P,R1A)HX6A GP	DDHX6ASP009	50.M5307.003
CABLE ASSY	CABLE ASSY HV9 GND(1P/1P,2A) GP	DD0HV9TH108	50.M26V7.004
PWR CORD	PWR CORD B 1.8M SP-027/10A SWI GP	DM333181J29	27.M11V7.001
Case/Cover/Bracket/Assembly			
LCD BEZEL ASSY	IV6E FRONT BEZEL ASSY GP	32IV6EFB001	60.M5507.001
REAR COVER	JL9J REAR-COVER ASSY GP	37JL9RCSA01	60.M26V7.002
STAND ASSY	IV6E STAND ASSY GP	26IV6ESA000	60.M6707.001
STAND BASE	STAND BASE IV6E(EAIV6E02,REV3A)GP	EAIV6E02016	
PANEL BKT TOP	PANEL BKT TOP HX6(FAHX6003,REV3C) GP	FAHX6003013	33.M26V7.001
PANEL BKT DOWN	PANEL BKT DOWN HX6(FAHX6004,REV3D) GP	FAHX6004010	33.M5307.001
SUPPORT BKT	SUPPORT BKT HX6(FAHX6005,REV3A) GP	FAHX6005016	33.M26V7.003
PANEL BRACKET	PANEL BRACKET H26(FBH26001,REV3A) GP	FBH26001019	33.M11V7.006
STAND SUPPORT	STAND SUPPORT IV6(FBIV6E01,REV3A)GP	FBIV6E01011	
LCD			
LCD	LCD(TFT)26" T260XW03 V2(XGA-WIDE)5V	AA260XW0103	LK.26005.002
LCD	LCD(TFT)26" T260XW03 V2 STN B/S	AA260XW0104	
LABEL			
LABEL (POWER)	LABEL (POWER) HV9N(HCHV9002,3A) GP	HCHV9002014	40.M26V7.001
LABEL (BUTTONS)	LABEL(BUTTON)IV2E(HCIV2E03,REV3A)GP	HCIV2E03010	
LABEL (IO&TUNER)	LABEL(I/O.TUNER) FV2E(HCFV2E01,R3B)GP	HCFV2E01011	40.M5607.002
BOX LABEL	BOX LABEL(130WX150L)VT1(HCVT1004,R3A) GP	HCVT1004017	

RATING LABEL	RATING LABEL IV4E(HCIV4E01,3A)MIC GP	HCIV4E01014	
MISCELLANEOUS			
GASKET RIGHT	GASKET RIGHT AU CX(GBCX6003,REV3A) GP	GBCX6003015	47.M26V7.002
GASKET UP	GASKET UP R/L CMO HV9(GBHV9002,REV3A) GP	GBHV9002013	47.M26V7.003
GASKET TUNER	GASKET 15X15 TUNER IV6(GBIV6E01,R3A)GP	GBIV6E01011	
SCREW			
SCREW	SCREW M4.0*4-I(NYLOK) GP	MM40040ICI1	86.M11V7.001
SCREW	SCREW T3*8-B(BNI) GP	MT30080BJ20	86.M08V7.007
SCREW	SCREW F3.0*6-B(NI)GP	MF30060BBJ6	86.M25V7.002
SCREW	SCREW M3*6-B(BNI) GP	MM30060BJ25	86.M08V7.003
SCREW	SCREW M4*6 P (NI) GP	MM40060PCE2	86.M01V7.002
SCREW	SCREW T4*10-B(BNI) GP	MT40100BJ29	86.M26V7.001
SCREW	SCREW M4*8 B-(BNI) GP	MM40080BJ26	86.M26V7.002
SCREW	SCREW M4*6-I (BNI)(NYLOK))GP	MM40060IL69	
SCREW	SCREW T3*12-P(BNI)(WASHER)GP	MS30120PJ67	86.M6707.001
SCREW	SCREW F4.0*6-I(NI)GP	MF40060IBJ2	
SCREW	SCREW M4.0*12-R ALLEN HEADER BLACK GP	MS40120R002	
IO NUT VT1	IO NUT VT1(MBVT1002,REV3A) GP	MBVT1002013	86.M01V7.010

Exploded parts list

ITEM	DESCRIPTION	TVI PART NO.	ACER PART NO.	QTY
1	IV2E M/B ASSY(FOR IV6E)AUO GP	21IV2EMB026	55.M5507.001	1
2	IV2E IR/B ASSY GP	23IV2EIB012	55.M5607.004	1
3	IV2 KEYPAD/B ASSY GP	23IV2EKB001	55.M5607.005	1
4	IV6E FRONT BEZEL ASSY GP	32IV6EFB001	60.M5507.001	1
5	JL9J REAR-COVER ASSY GP	37JL9RCSA01	60.M26V7.002	1
6	PANEL BKT TOP HX6(FAHX6003,REV3C) GP	FAHX6003013	33.M26V7.001	1
7	PANEL BKT DOWN HX6(FAHX6004,REV3D) GP	FAHX6004010	33.M5307.001	1
8	SUPPORT BKT HX6(FAHX6005,REV3A) GP	FAHX6005016	33.M26V7.003	2
9	PANEL BRACKET H26(FBH26001,REV3A) GP	FBH26001019	33.M11V7.006	2
10	LABEL (POWER) HV9N(HCHV9002,3A) GP	HCHV9002014	40.M26V7.001	1
11	CONDUCTIVE TAPE-DN HR7(JXHR7005,R3A)GP	JXHR7005012	47.M5307.001	1
12	HV7E FUNCTION KEY ASSY GP	3JHV7EKA008	60.M6707.003	1
13	GASKET UP R/L CMO HV9(GBHV9002,REV3A) GP	GBHV9002013	47.M26V7.003	2
14	MAIN PCB TRAY IV6E(FAIV6E01,REV3A)GP	FAIV6E01010	33.M6707.001	1
15	MAIN PCB SHIELD EU IV6E(FAIV6E02,R3A)GP	FAIV6E02016	33.M6707.002	1
16	SCREW M4*8 B-(BNI) GP	MM40080BJ26	86.M26V7.002	8
17	SCREW T4*10-B(BNI) GP	MT40100BJ29	86.M26V7.001	19
18	CABLE INV(14P/4P/6P,320MM) AUO V2 GP	DDIV6EIV003	50.M6707.001	1
19	CABLE LVDS(50P/30P,225MM) IV6E(AUO)V2 GP	DDIV6ELC024	50.M6707.002	1
20	CABLE PW-AUDIO(8P/7P,180MM)IV6E GP	DDIV6EAB006	50.M5507.001	1
21	CABLE MB-PWR(10P,110MM,R3A)VA1 GP	DD0VA1PB013	50.M01V7.004	1
22	CABLE SPEAKER(4P/3P+2P,R1A)HX6A GP	DDHX6ASP009	50.M5307.003	1
23	IV2E IO/B ASSY(EU) GP	23IV2EIB004	55.M5507.002	1
24	CABLE KEY-IR(10P/9P/8P,670MM)IV6E GP	DDIV6EMX003	50.M6707.003	1
25	SCREW F3.0*6-B(NI)GP	MF30060BBJ6	86.M25V7.002	3
26	SCREW M3*6-B(BNI) GP	MM30060BJ25	86.M08V7.003	19
27	SCREW T3*8-B(BNI) GP	MT30080BJ20	86.M08V7.007	8
28	SCREW M4*6 P (NI) GP	MM40060PCE2	86.M01V7.002	1
29	SCREW M4.0*4-I(NYLOK) GP	MM40040ICI1	86.M11V7.001	4
30	IO NUT VT1(MBVT1002,REV3A) GP	MBVT1002013	86.M01V7.010	2
31	LABEL(I/O.TUNER) FV2E(HCFV2E01,R3B)GP	HCFV2E01011	40.M5607.002	1
32	LCD(TFT)26" T260XW03 V2(XGA-WIDE)5V	AA260XW0103	LK.26005.002	1
33	PWR 161W,DPS-161AP-2 A(90~264VAC) GP	AF161B00000	55.M5307.001	1
34	SPK IV6E-R(4,5W,91*51.5*38.5)L15,P5	DNS4591P006	23.M6707.001	1
35	SPK IV6E-L(4,5W,91*51.5*38.5)L15,P2.5	DNS4591P014	23.M6707.002	1
36	IV6E STAND ASSY GP	26IV6ESA000	60.M6707.001	1
37	CABLE ASSY HV9 GND(1P/1P,2A) GP	DD0HV9TH108	50.M26V7.004	2
38	GASKET RIGHT AU CX(GBCX6003,REV3A) GP	GBCX6003015	47.M26V7.002	3

39	CONDUCTIVE TAPE IV6(JXIV6E01,R3A)GP	JXIV6E01011		1
40	LENS IV4E(EBIV4E01,REV3A) GP	EBIV4E01013	60.M6707.004	1
41	AV3 BEZEL DUMMY JL9(EBJL9002,REV3A) GP	EBJL9002011	47.M6707.009	1
42	GASKET 15X15 TUNER IV6(GBIV6E01,R3A)GP	GBIV6E01011		1
43	SCREW T3*12-P(BNI)(WASHER)GP	MS30120PJ67	86.M6707.001	8
44	SCREW M4.0*12-R ALLEN HEADER BLACK GP	MS40120R002		6
45	LVDS MYLAR IV6(FCIV6E01,R3A)GP	FCIV6E01011		1
46	SCREW M4*6-I (BNI)(NYLOK))GP	MM40060IL69		20
47	WIRE CLIP CH-10(EBVT2001,REV3A) GP	EBVT2001011	47.M12V7.004	1



REVISIONS			
LTR	DESCRIPTION	DATE	APP
A	/	/	/
B	/	/	/
C	/	/	/

ITEM	Part No.	Description	Q'ty
1	21IV2EMB026	IV2E W/B ASSY(FOR IV6ED AUD GP	1
2	23IV2EIB012	IV2E IR/B ASSY GP	1
3	23IV2EKB001	IV2 KEYPAD/B ASSY GP	1
4	3EIV6EFB001	IV6E FRONT BEZEL ASSY GP	1
5	37.JL9RCSA01	JL9J REAR-COVER ASSY GP	1
6	FAMX6003013	PANEL BKT TOP HX6(FAMX6003,REV3C) GP	1
7	FAMX6004010	PANEL BKT DOWN HX6(FAMX6004,REV3D) GP	1
8	FAMX6005016	SUPPORT BKT HX6(FAMX6005,REV3A) GP	2
9	FBHZ6000019	PANEL BRACKET HZ6(FBHZ6001,REV3A) GP	2
10	MCHV9002014	LABEL (POWER) HV9N(MCHV9002,3A) GP	1
11	JXHR7005012	CONDUCTIVE TAPE-IN HR7(JXHR7005,R3A) GP	1
12	3.HV7EKA008	HV7E FUNCTION KEY ASSY GP	1
13	GBHV9002013	GASKET UP R/L CHD HV9(GBHV9002,REV3A)GP	2
14	FAIV6E10010	MAIN PCB TRAY IV6E(FAIV6E01,REV3A)GP	1
15	FAIV6E02016	MAIN PCB SHIELD EU IV6E(FAIV6E02,R3A)GP	1
16	MM40008BJ26	SCREW M4*8 B-CBND(GP	8
17	MT40100BJ29	SCREW T4*10-BCBND(GP	19
18	IDDIV6EIV003	CABLE INV(C4P/4P/6P,320MM)AUD V2 GP	1
19	IDDIV6ELC024	CABLE LVDS(50P/30P,225MM)IV6E(AUDDV2 GP	1
20	IDDIV6EAB006	CABLE PV-AUDIO(6P/7P,180MM)IV6E GP	1
21	IDDVA1P3013	CABLE MB-PWR (10P,110MM,R3A) VA1 GP	1
22	IDDHX6ASP009	CABLE SPEAKER(4P/3P+2P,R1A)HX6A GP	1
23	23IV2EIB004	IV2E IO/B ASSY(EU)GP	1
24	IDDIV6EKX003	CABLE KEY-IR(10P/9P/8P,670MM)IV6E GP	1
25	MF30060BBJ6	SCREW F3.0*6-BKND	3
26	MM30060BJ25	SCREW M3*6-BCBND(GP	19
27	MT30080BJ26	SCREW T3*8-BCBND(GP	8
28	MM40060PCE2	SCREW M4*6 P CND(GP	1
29	MM40040ICII	SCREW M4.0*4-10NYL(DC)GP	4
30	NBVT1002013	ID NUT VT1(NBVT1002,REV3A)GP	2
31	MCFV2E01001	LABEL(C1/2),TUNER(FV2E(MCFV2E01,R3)DGP	1
32	AA2560XV003	LCD(TFT)26" T260XV03 V2(XGA-VIDE)5V	1
33	AF16J300000	PWR 16J(VJPS-16JAP-2 AC90-264VAC) GP	1
34	INS4591P006	SPK IV6E-R(4.5V,91*51.5*38.5\L15,P5	1
35	INS4591P014	SPK IV6E-L(4.5V,91*51.5*38.5\L15,P2.5	1
36	28IV6ESA000	IV6E STAND ASSY GP	1
37	IDDHV9THI08	CABLE ASSY HV9 GND(2P/1P,2A) GP	2
38	GBCX6003015	GASKET RIGHT AU CX(GBCX6003,REV3A)	3
39	JXIV6EI1011	CONDUCTIVE TAPE IV6E(JXIV6EI1,R3AXGP	1
40	EBIV4E01013	LENS IV4E(EBIV4E01,REV3A)XGP	1
41	EBJL9002011	AV3 BEZEL DUMMY JL9(EBJL9002,REV3A)XGP	1
42	GBIV6E01011	GASKET 15X15 TUNER IV6(GBIV6E01,R3A)XGP	1
43	MS30120PJ67	SCREW T3*12-PCBND(CVASHER)GP	8
44	MS40120R002	SCREW M4.0*12-R ALLEN HEADER BLACK GP	6
45	FCIV6E01011	LVDS MYLAR IV6E(FCIV6E01,R3A) GP	1
46	MM40060IL69	SCREW M4.0*6-10NI(DNYL)DC)GP	20
47	EBVT2001011	WIRE CLIP CH-10(EBVT2001,REV3A)GP	1