

**PYLE<sup>®</sup>**  
**view**

**PLVW1048VGA**

**10.4" FLIP-DOWN IN-CAR DISPLAY**  
**(+VGA)**



**USER MANUAL**

**V1.0**

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# 1. Specification

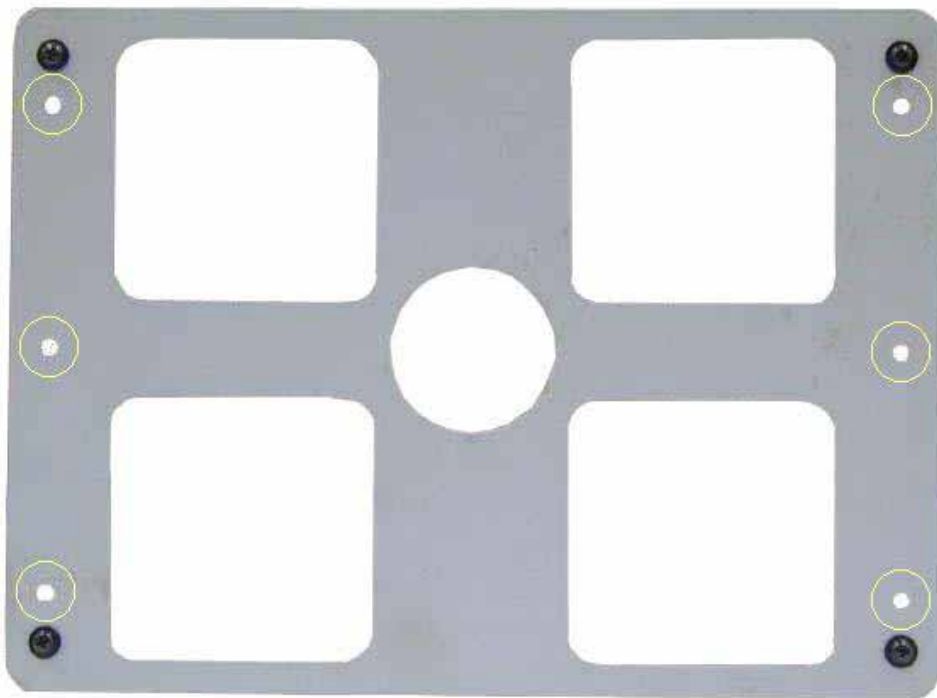
<b>CAR-TV 10.4" + VGA function</b>		
<b>Resolution</b>	800(H) x 600(V)	
<b>Size</b>	10.4" TFT LCD	
<b>Brightness</b>	200 cd/m <sup>2</sup> (Typ)	
<b>Video input</b>	Composite Video(RCA)(F) ×2 (NTSC,PAL,SECAM)	Not support mono signal
<b>Audio input</b>	Stereo Sound Input (RCA)(F) ×2 PC Sound Input (Phone Jack) ×1	
<b>PC input</b>	Analog 0.7Vp-p/75ohms, Sync Separate, TTL level.	
<b>Frequency Range</b>	Horizontal 30k ~ 70k(Hz), Vertical 50 ~ 75(Hz)	
<b>Support VESA</b>	DDC2B, EDID v1 r1, DPMS	
<b>Power input</b>	DC 12~35V,3A(Max)	
<b>Audio output</b>	IR Transmitter 2.3MHz&2.8MHz	
	FM Stereo Sound Wireless Transmitter(88.0MHz~88.9MHz)	*Option
<b>Control function</b>	Display Key (6 Key)Control	
	Remote Key Control	
<b>Adjustment</b>	PC	Vidoe
	PIP            Mute AutoTune    FM Brightness Contrast Color Quality Position	Brightness Mute FM PIC MODE Contrast Saturation Hue
<b>Power consumption</b>	16W(MAX)	
<b>Temperature</b>	Working: 5~39 , Storage: 5~48	
<b>Weight</b>	2.2kg ±200g	

## 2. Installation

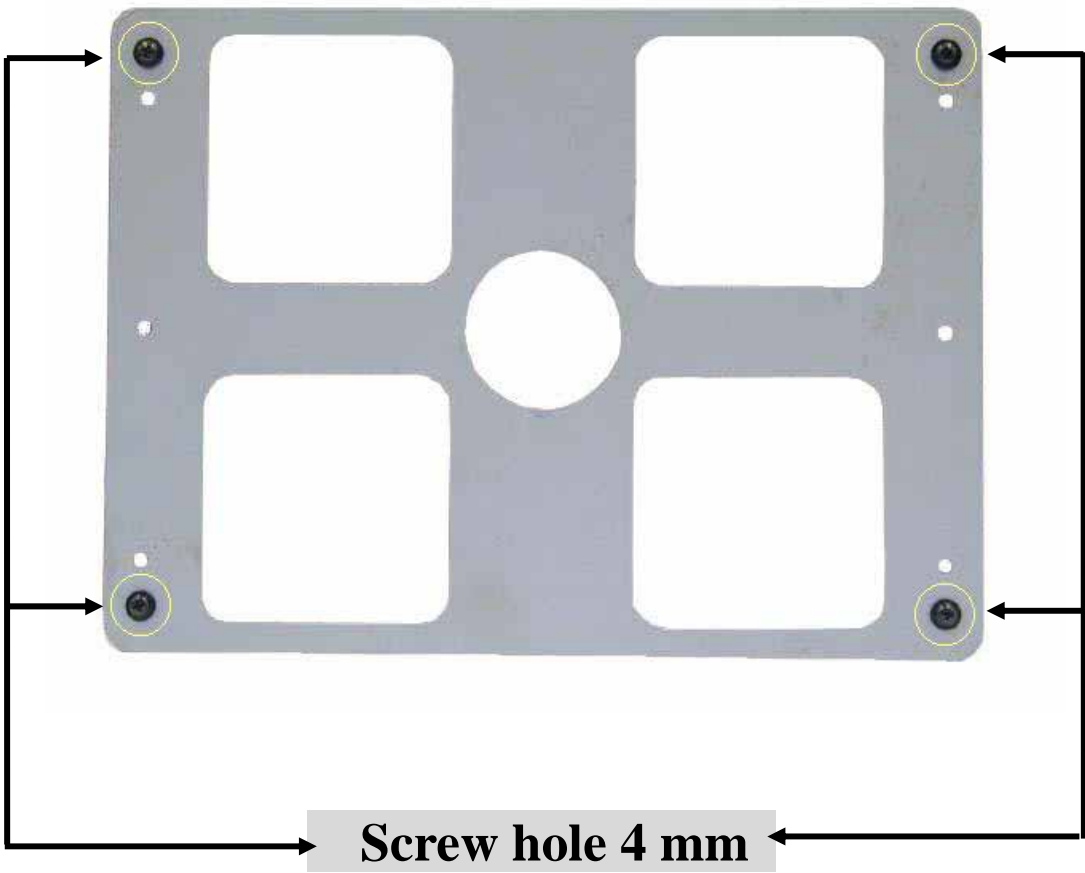
### Step 1:

**Attention: It's directional for the iron slice.**

Instruction to fix the screw of the iron slice

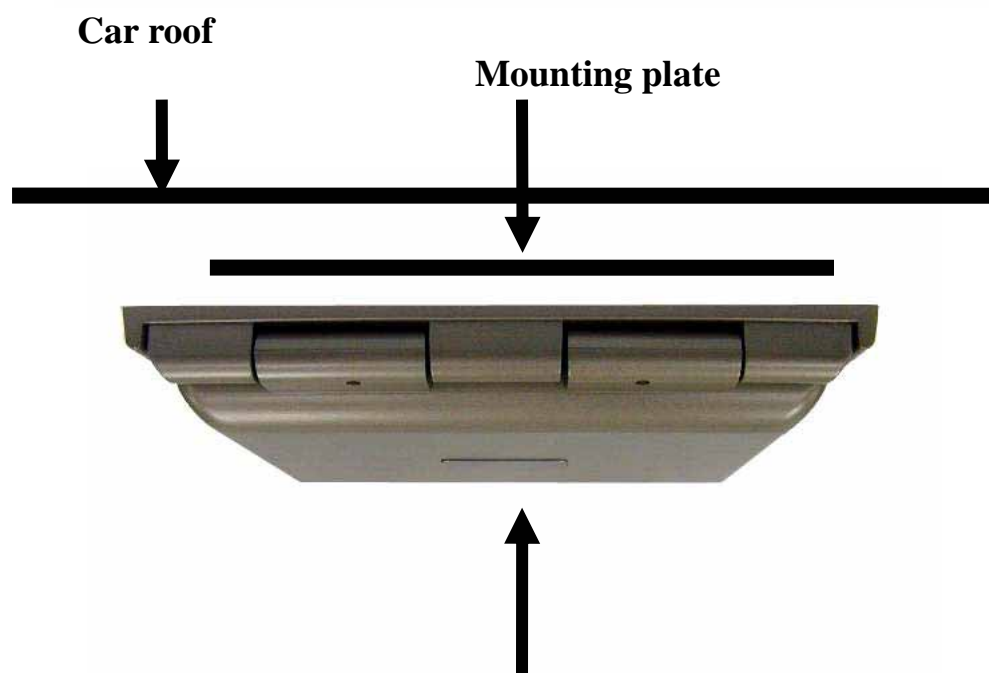
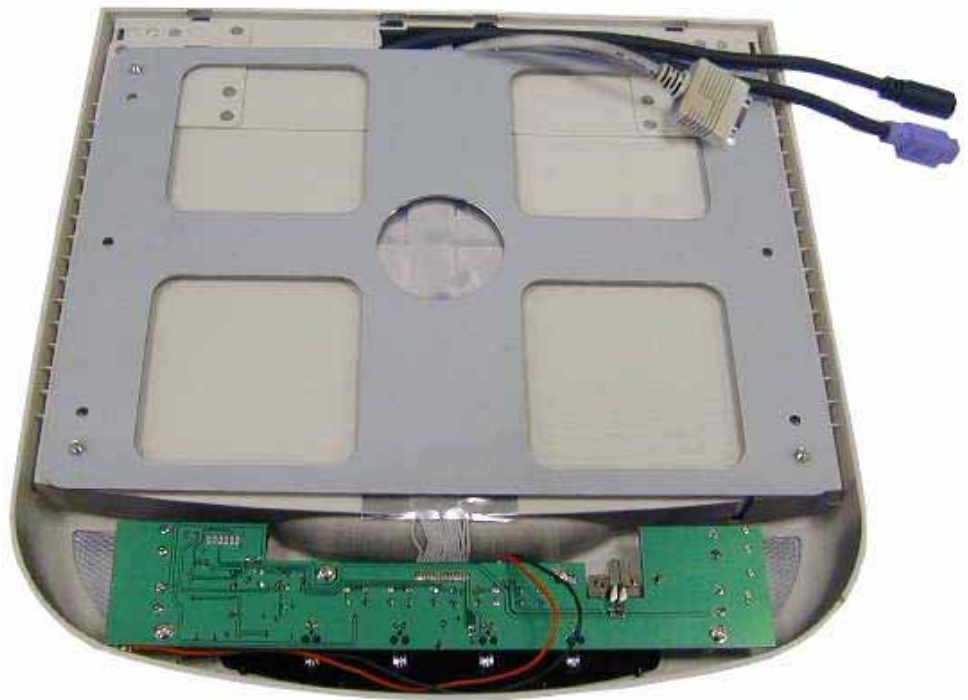


Instruction to fix the screw of the monitor



**Step 2:**

**Install the monitor on the roof.**



### Step 3:

**Fix the monitor on the iron slice with the screws.**

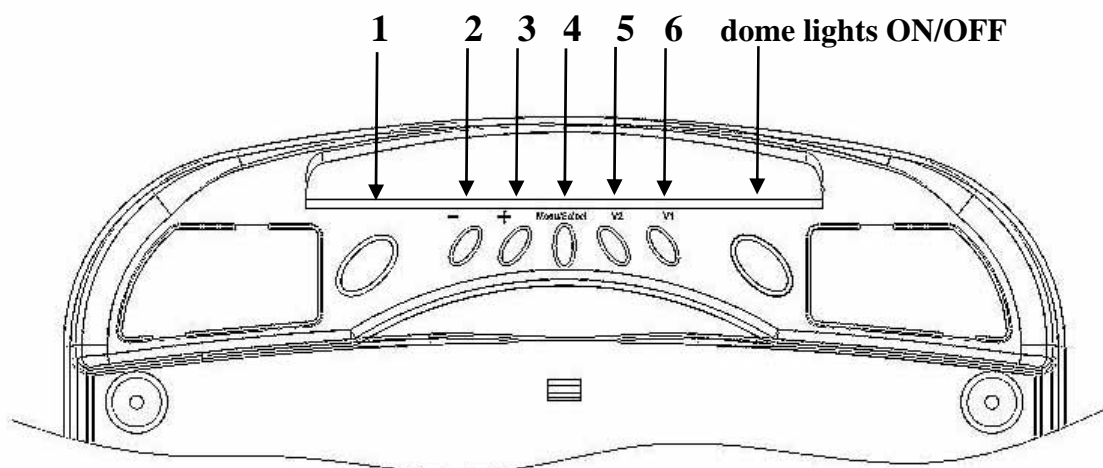


**Completed**



### 3. OSD function

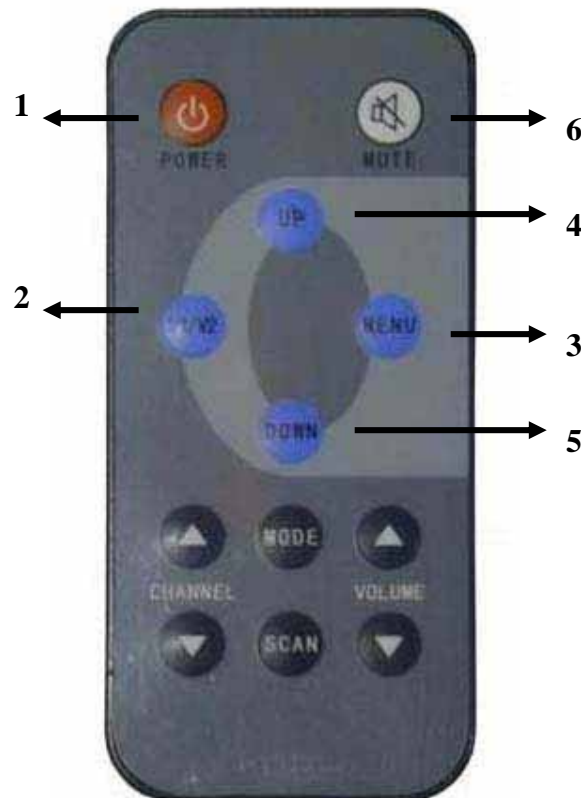
**VIDEO control keys :**



1. **Power** : When you push this button, it will Power ON or OFF the LCD.
2. **” — “** : When you push this button, it will decrease the degree of the function that you selected.
3. **”    “** : When you push this button, it will decrease the degree of the function that you selected.
4. **MENU/SELECT** : Show function menu list and select the function on the menu, when you push this key.
5. **V1/V2** : Select Video 1 or Video 2 input.
6. **PC** : Select PC input.



## PC/VIDEO remote control function :

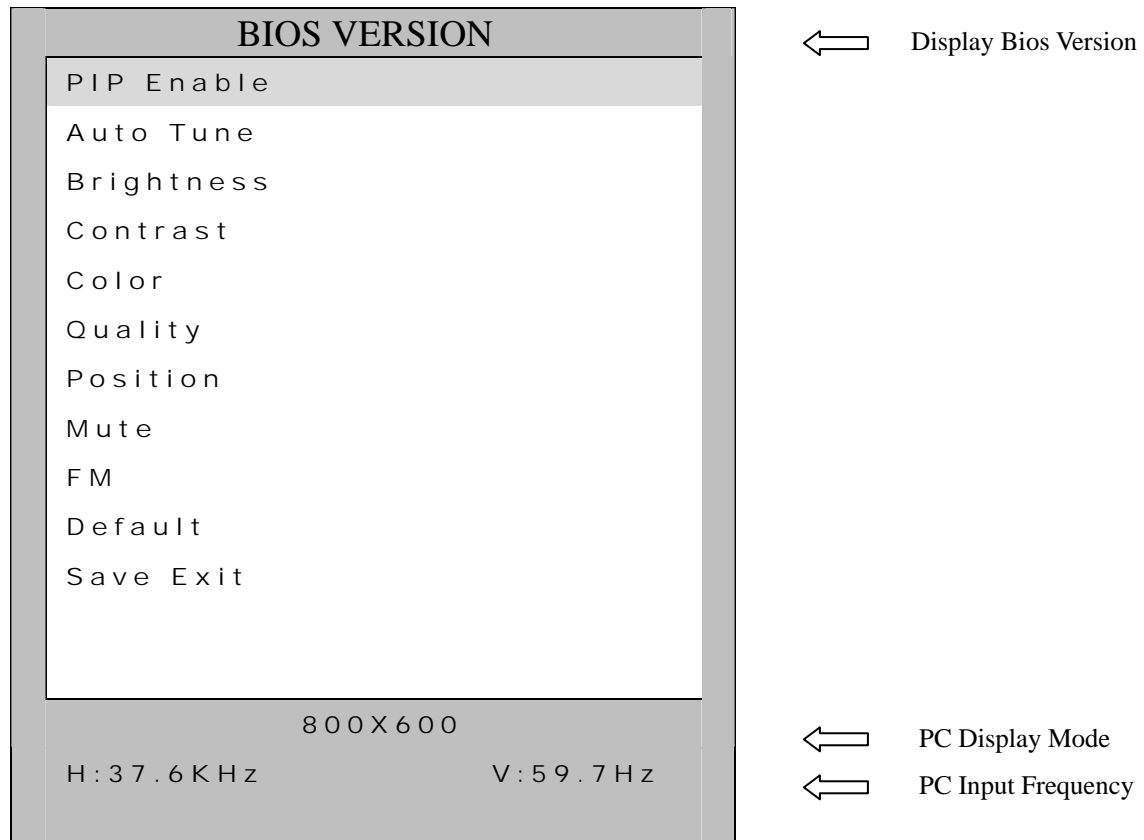


1. **POWER** : When you push this button, it will Power On or Off the LCD.
2. **V1/V2**: You could select V1 or V2 or PC with this button.
3. **MENU**: Show Function Menu List and Select the function on the menu, when you push this key.
4. **UP** : When you push this button, it will increase the degree of the function that you selected.
5. **DOWN** : When you push this button, it will decrease the degree of the function that you selected.
6. **Mute**: You could mute the audio with this button.

## 4. Content of OSD Function

### OSD Adjustment for PC function

Press “MENU” Button , display will show following picture.



Continue to press “UP” & “DOWN“ buttons and select above functions. Then, use “Menu” button to enter these functions and adjust them to your personal preference.

**PIP ENABLE** : Set position ; see 4.1

**AUTO TUNE** : See 4.2

**BRIGHTNESS** : See 4.3

**CONTRAST** : See 4.4

**COLOR** : See 4.5

**QUALITY** : See 4.6

**POSITION** : See 4.7

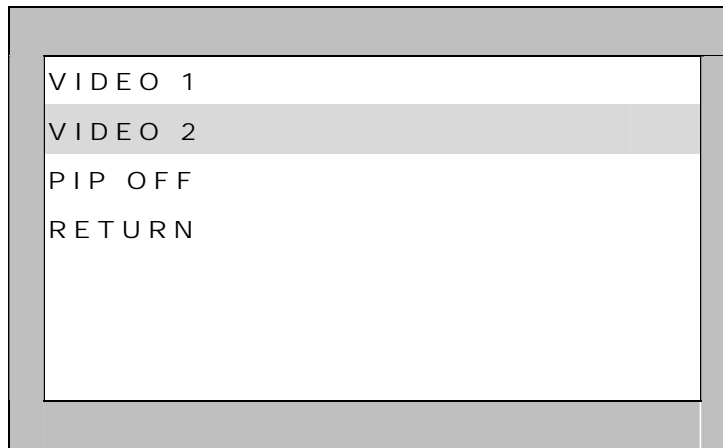
**MUTE** : See 4.8

**FM** : See 4.9

**DEFAULT** : Set default value .See 4.10

**SAVE EXIT** : Save all of adjustment & exit to OSD function.

#### 4.1 PIP CHANNEL SELECT( Under PC Mode )



**VIDEO 1:** Set VIDEO 1 Input ( Press “MENU” to enter )

**VIDEO 2:** Set VIDEO 2 Input ( Press “MENU” to enter. )

**PIP OFF :** exit PIP function.

**RETURN:** Back to new setting.

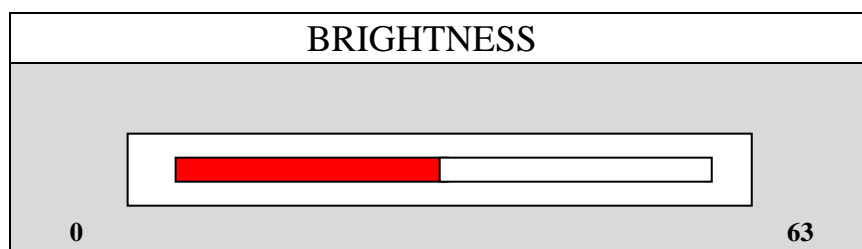
#### 4.2 AUTOTUNE( Under PC Mode ) :



**AUTOTUNE :** Auto tracking , positioning, phase and size (press “MENU” to enter this adjustment.

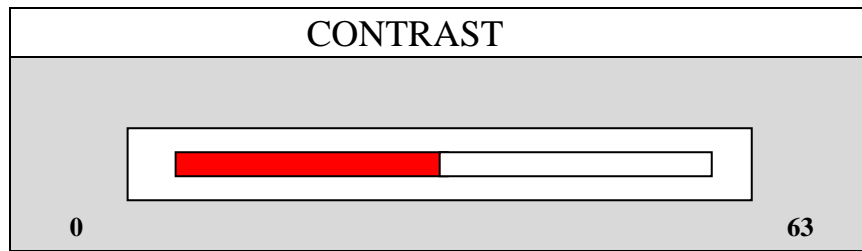
It takes 5 second to finish this adjustment.)

#### 4.3 BRIHTNESS



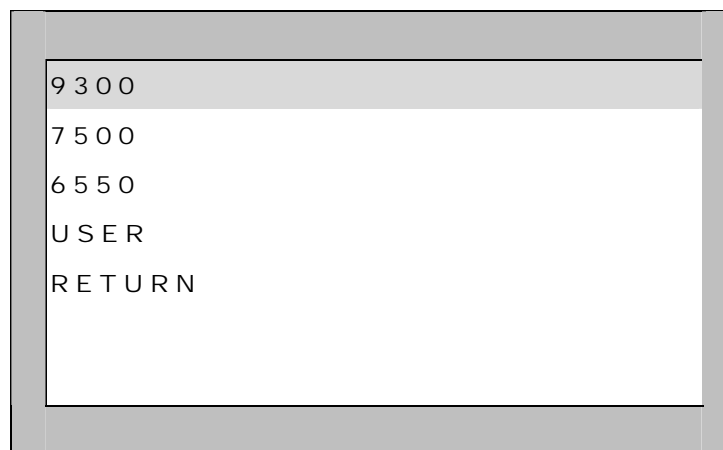
**BRIGHTNESS:** Adjust LCD brightness level 0~63 of the image

## 4.4 CONTRAST



**CONTRAST:** Adjust white color level 0~63 of the image.

## 4.5 COLOR



**9300K :** Set color to 9300K ( Use “MENU” to enter )

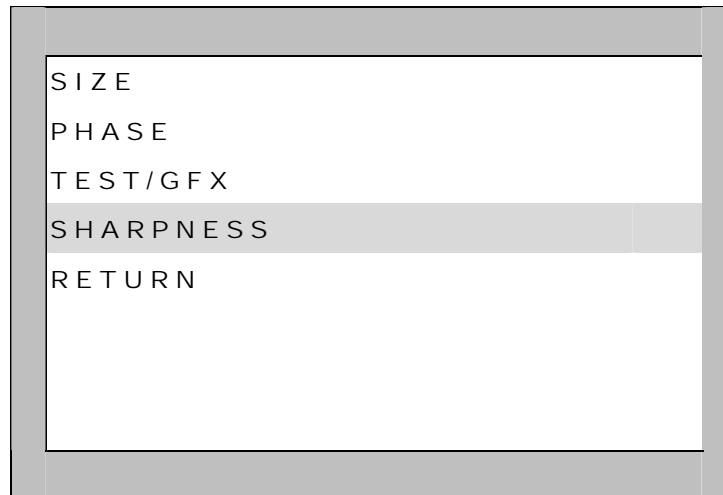
**7500K :** Set color to 7500K ( Use “MENU” to enter )

**6550K :** Set color to 6550K ( Use “MENU” to enter )

**USER :** Set color by user ( Use “MENU” to enter ) ;

**EXIT :** Back to new setting

## 4.6 QUALITY



**SIZE** : Adjust size of the image.

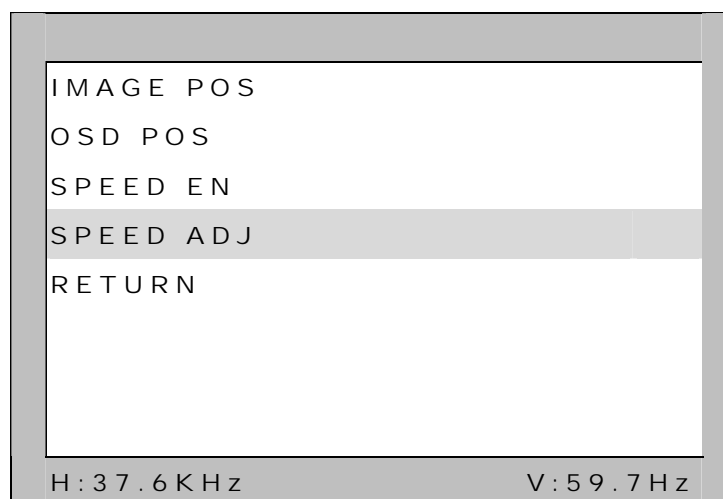
**PHASE** : Adjust phase level 0~63 of the image.

**TEXT/ GFX**: DOS MODE/ change Text 720x400 & Gfx 640x400.

**SHARPNESS** : Adjust Sharpness level 0~15 of the image.

**RETURN**: Back to new setting

## 4.7 POSITION



**IMAGE POS** : Adjust UP/ DOWN/ HOR/VER position of the image.

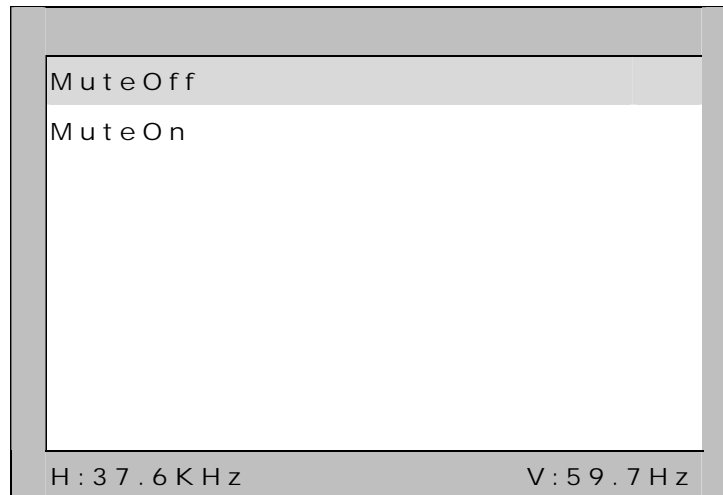
**OSD POS** : Adjust OSD UP/ DOWN/ HOR/VER position of the image.

**SPEED EN** : Select open or exit OSD speed.

**SPEED ADJ** : Adjust OSD speed.

**RETURN** : Back to new setting.

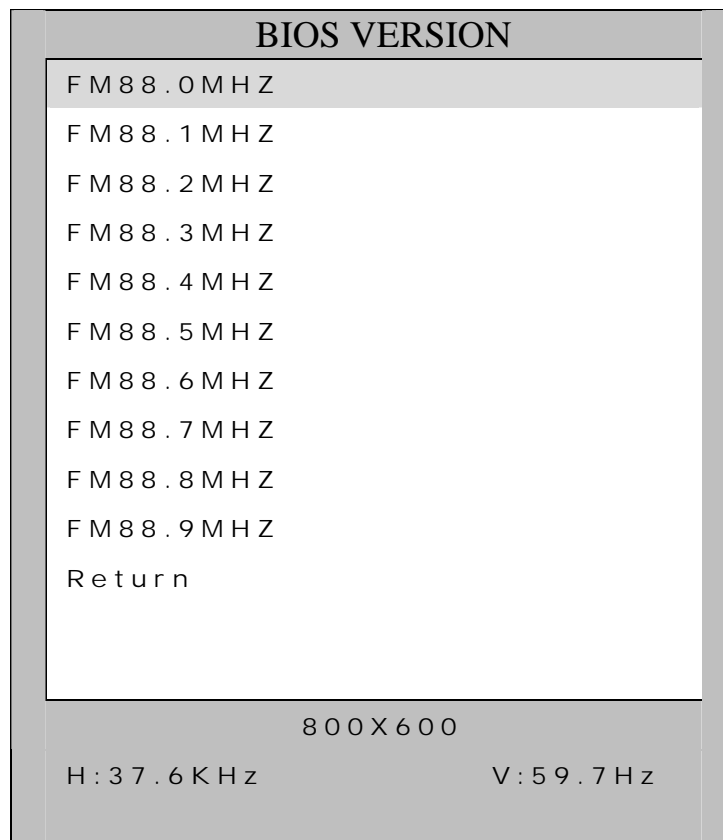
## 4.8 MUTE



**Mute Off** : Choose this to close the mute function.

**Mute On** : Choose this to open the mute function

## 4.9 FM



The signal carrier frequency of the sound outputs the function: Can use

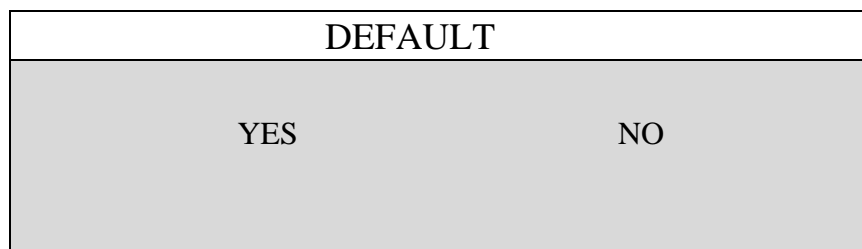
Channel in frequency modulation FM88MHz that the radio is adjusted

Receive the sound to export.

Adjusting range: 88.0MHz~88.9MHz

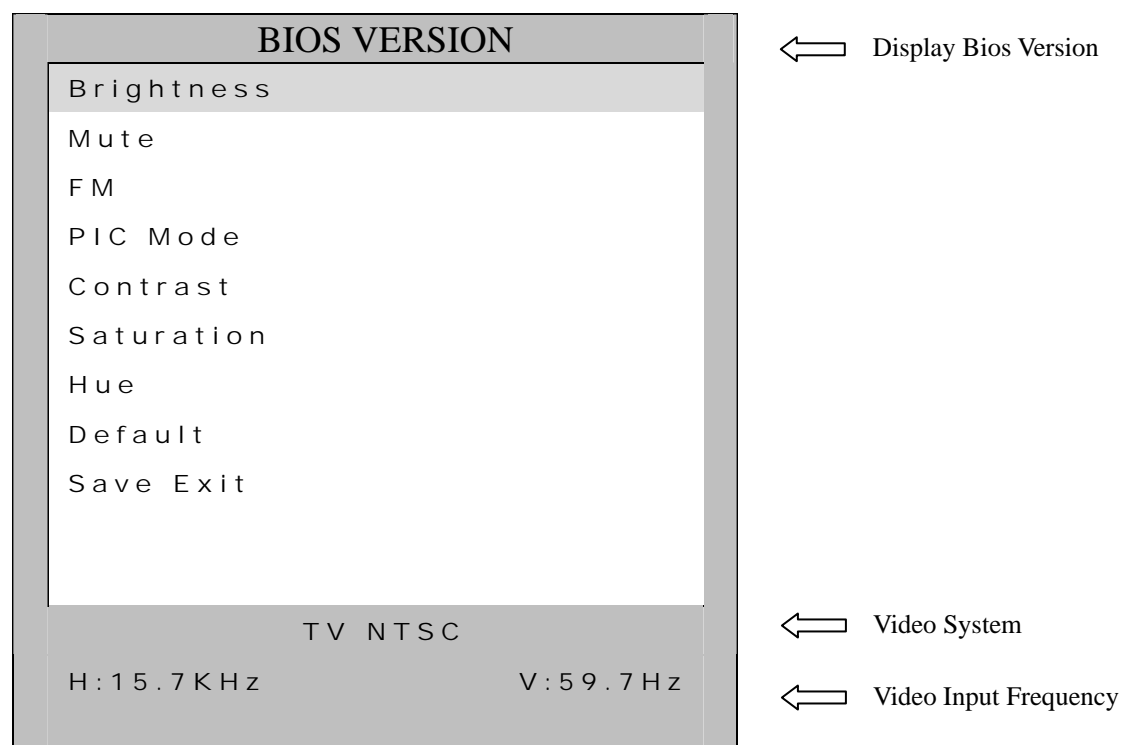
**RETURN** : Back to new setting

#### 4.10 DEFAULT



#### 5 OSD Adjustment for VIDEO function

Press "MENU" Button , display will show following picture.



**BRIGHTNESS** : See 5.1

**Mute** : See 5.2

**FM** : See 5.3

**PIC MODE** : See 5.4

**CONTRAST** : See 5.5

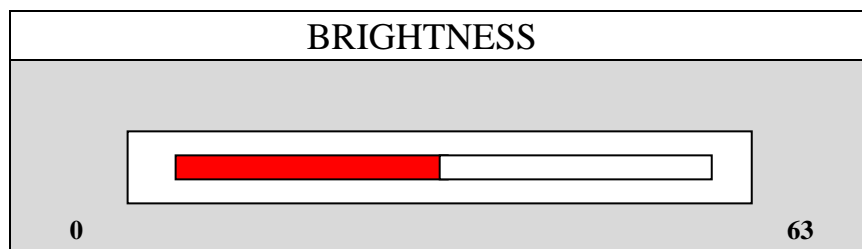
**SATURATION** : See 5.6

**HUE** : See 5.7

**DEFAULT** : Set default value. See 5.8

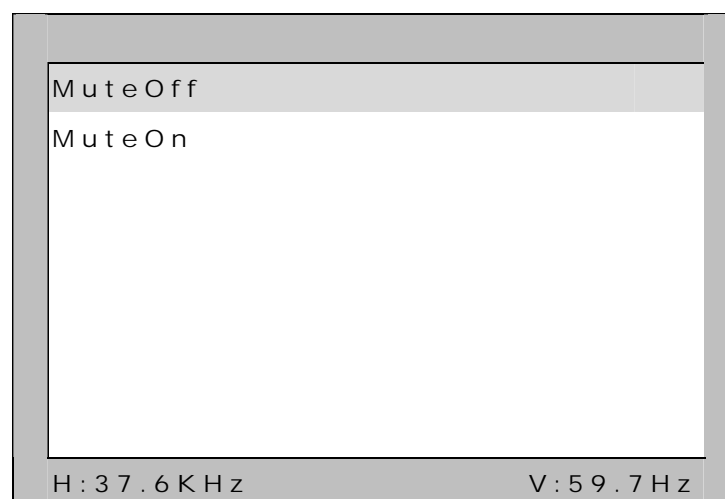
**SAVE EXIT** : Save all of adjustment & exit to OSD function.

## 5.1 BRIGHTNESS



**BRIGHTNESS**: Adjust LCD brightness level 0~63 of the image

## 5.2 MUTE

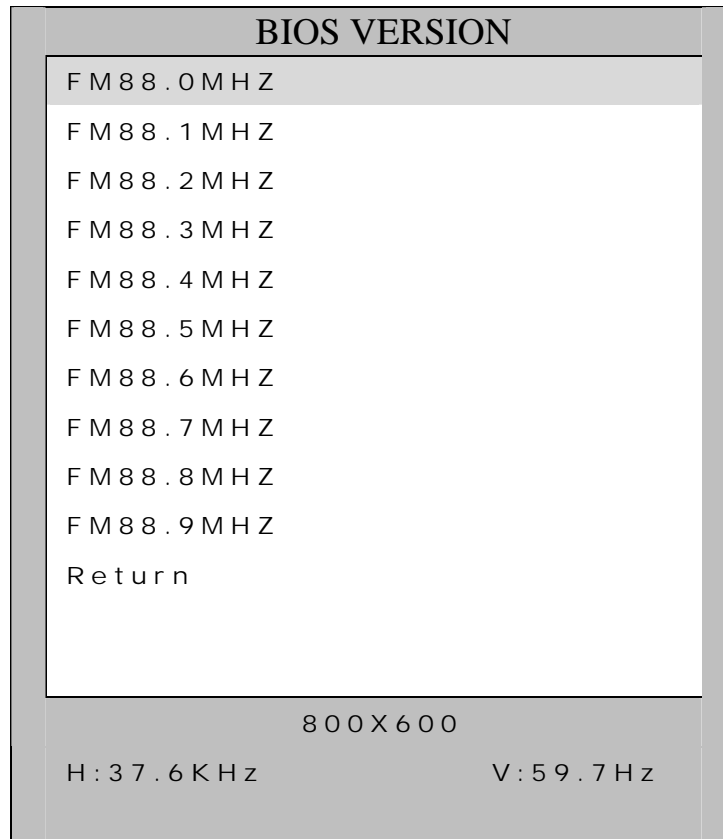


**Mute Off** : Choose this to close the mute function.

**Mute On** : Choose this to open the mute function



## 5.3 FM

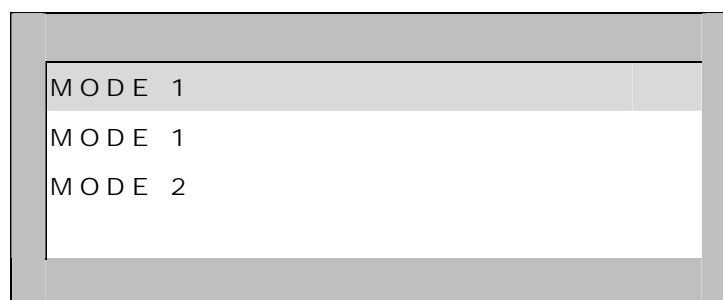


The signal carrier frequency of the sound outputs the function: Can use Channel in frequency modulation FM88MHz that the radio is adjusted Receive the sound to export.

Adjusting range: 88.0MHz~88.9MHz

**RETURN** : Back to new setting

## 5.4 PIC MODE

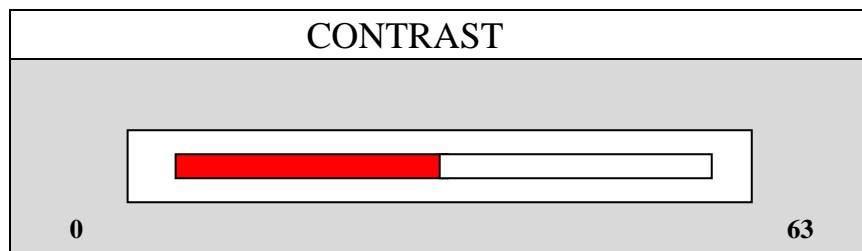


**MODE 0:** GAMMA TABLE 0

**MODE 1:** GAMMA TABLE 1

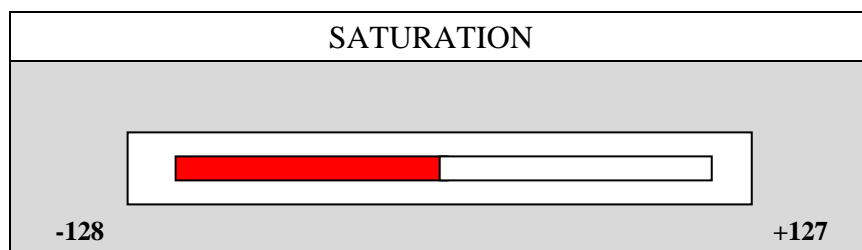
**MODE 2:** GAMMA TABLE 2

## 5.5 CONTRAST



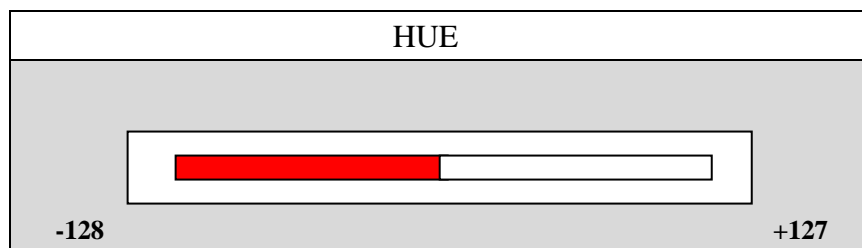
**CONTRAST:** Adjust white color level 0~63 of the image.

## 5.6 SATURATION.



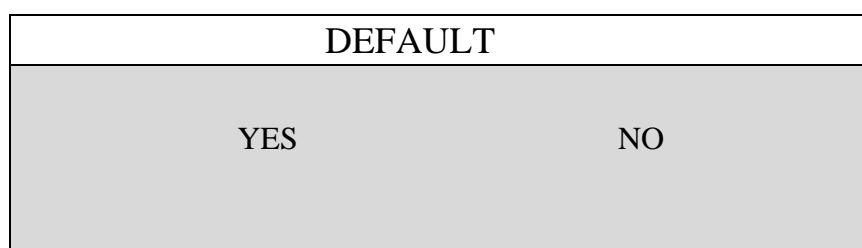
**SATURATION:** Adjust color Saturation level ~128~127.

## 5.7 HUE

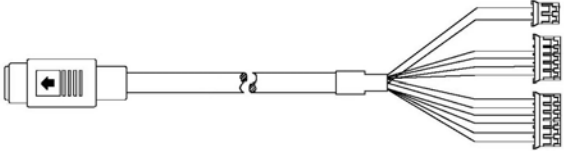
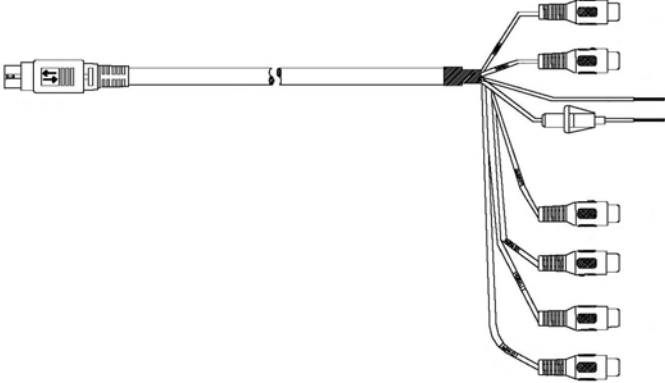



**HUE:** Adjust color Hue level -128~127

## 5.8 DEFAULT



## 5. Description of Accessories

	Accessory	Description
1.		<p><b>Video, audio, power input</b> See chart 1</p>
2		<p><b>Power cable+ Fuse(spec:3A/250V)</b>  <b>Yellow : video input 1, video input 2</b>  <b>Red : audio input (R)1, audio input(R)2</b>  <b>White : audio input(L)1, audio input(L)2</b>  <b>Power input connector:</b>  <b>Red: Anode</b>  <b>Black: Ground</b>  See chart 2</p>
3		<p><b>IR transmitter:</b>  <b>Receive 2.3MHz &amp; 2.8MHz</b>  <b>(wireless headphone not included)</b></p>

<p>4</p>	 <p>160100000620 Sound Cable 耳機頭*2 L=140cm</p>	<p><b>Sound cable:</b> PC audio output connect to audio input of monitor</p>
<p>5</p>		<p><b>PC audio input</b></p>
<p>6</p>	 <p>160100001640 RGB / RTC L=2.7M 42CORD</p>	<p><b>RGB cable:</b> connect PC to video input of monitor</p>
<p>7</p>		<p><b>PC video input</b></p>

# Description of accessories: Chart 1:

**FRONT VIEW**

Conn1:1:MINI 8PIN FEMALE

300±30

150±20

Pin Assignment

Conn1:1 Conn2:2 COLOR

9 — 2 — SP

8 — 1 — ORANGE(22#)

Conn1:3

7 — 2 — RED(22#)

5 — 3 — RED(28)

4 — 4 — BLACK(28)

6 — 5 — WHITE(28)

Conn1:4

2 — 1 — YELL D W(28#)

2 — 2 — RED(28)

4 — 3 — BLA C(28)

1 — 4 — GREEN(28#)

5 — 5 — WHITE(28#)

3 — 6 — BR W(28)

NO.	DESCRIPTION	QTY	UNITS
5	HEAT SHRINK TUBE Ø8.1x15mm&Ø2.0x65mm	2	pcs
4	P.V.C MOLDING 5.0P&3.5P COLOR: BLUE	9	g
3	Conn1:3:4: PH2.1mm SP & 6P Conn2:2: HOUSING:EH2.5mm-2PIN	2	pcs
2	Conn1:1: MINI 8PIN FEMALE (SINGLE LOCK)	1	pcs
1	CABLE: NDUU (28#/1C, SP1*2+128/ZC, SP1*2+22#/3C) JACKET COLOR: BLACK OD: Ø7.5±1.1mm	1	pcs

<p>Approved by:</p> <p>Checked by:</p> <p>Drawing by: FLYER WAN</p> <p>Date: 21.03.11</p> <p>Scale: 1/1</p> <p>None</p>	<p>Customer p/n: 1601000001700</p> <p>Chaolin p/n:</p> <p>Description:</p> <p>DWG NO:</p> <p>SHEET: 1/1</p>
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<p>Specification Use Only</p>	<p>REV</p> <p>description</p>
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**Chart 2:**

**FRONT VIEW**

Conn: MINI 8PIN MALE

**FRONT VIEW**

**ELECTRICAL PROPERTIES:**

- 100% OPEN SHORT MIS-WIRE TEST
- Contact Resistance: 20hm max
- Insulation Resistance: 5Mega ohm MIN
- Hi-Pot: 50V DC/10ms

**Pin Assignment**

Conn: 1	Conn: 2	Conn: 3	Conn: 4	Conn: 5	Conn: 6	Conn: 7	Conn: 8
SHELL	SHELL	SHELL	SHELL	SHELL	SHELL	SHELL	SHELL
COLOR	COLOR	COLOR	COLOR	COLOR	COLOR	COLOR	COLOR
WHITE I28/I1C+S1	WHITE I28/I1C+S1	SP/WHITE	SP/WHITE	GREEN I28/I1C+S1	SP/GREEN	RED I28/I1C+S1	SP/RED
				BROWN I28/I1C+S1	SP/BROWN		
				WHITE I28/I1C+S1	SP/WHITE		
				BLACK I28/I1C+S1	SP/BLACK		

NO.	DESCRIPTION	QTY	UNITS
1	HEAT SHRINK TUBE φ8.1x30mm	1	pcs
2	PVC MOLDING COLOR BLACK& YELLOW&RED&WHITE	9	pcs
3	Conn: 5 pins	2	pcs
4	Conn: 4 pins	1	pcs
5	Conn: 3 pins	1	pcs
6	Conn: 2 pins	2	pcs
7	Conn: 1 pin	1	pcs
8	Conn: 4 pins	1	set
9	Conn: 2 pins	2	pcs
10	Conn: 1 pin	1	pcs
11	Conn: 2 pins	2	pcs
12	Conn: 1 pin	1	pcs

**Specification Use Only**

Checked by:	Approved by:
Drawing by:	Date:
Flyer Wan	2003.02.06
Scale:	Unit:
None	m/m

**customer p/n:** **SMOOTH**

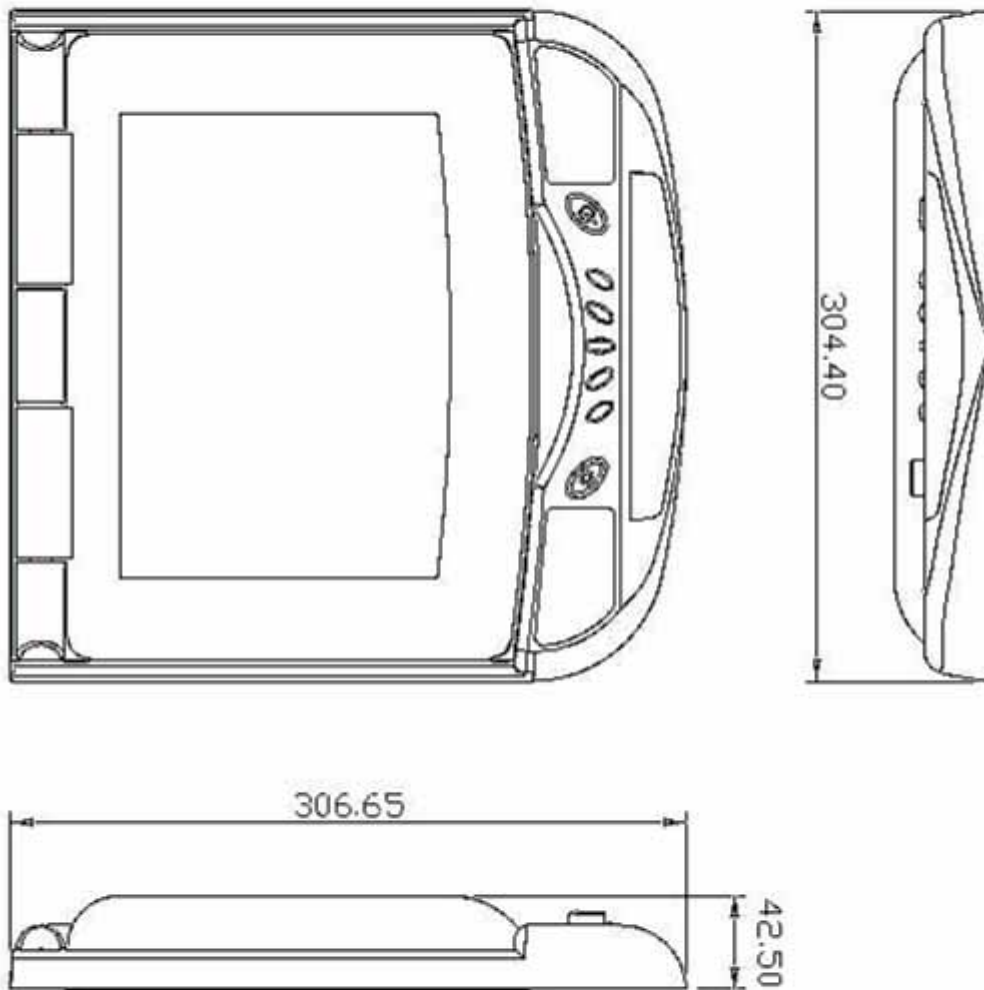
**Smooth p/n:** **SMOOTH**

**Description:**

**DWG NO.:**

**SHEET: 1/1** **REV: A**

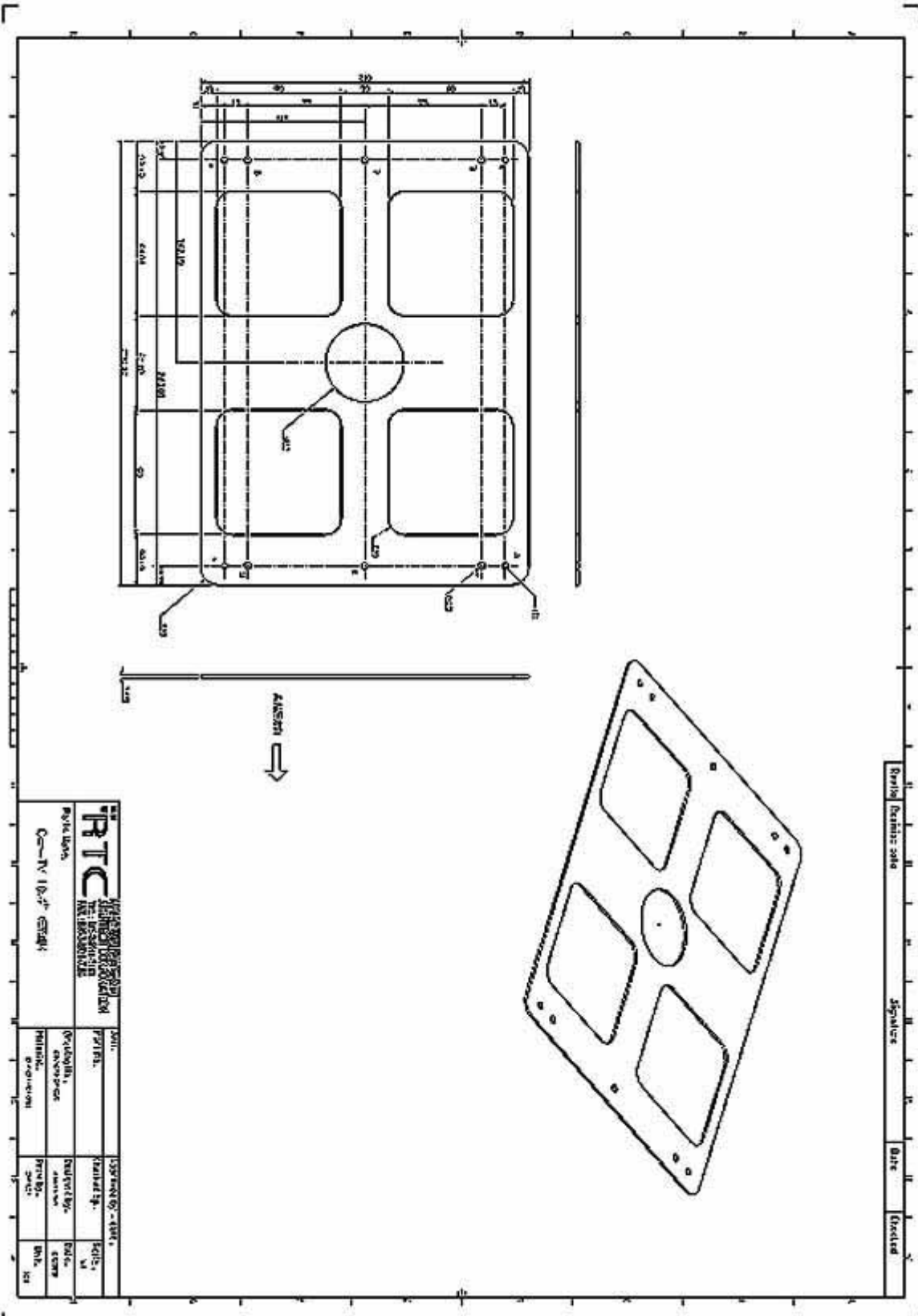
## 6. Outside dimension



**L:306.65mm**

**W:304.40mm**

**H:42.50mm**



Drawn: [ ]  
 Checked: [ ]  
 Signature: [ ]  
 Date: [ ]  
 Title: [ ]

ANSI 10.5" →

<b>RTC</b> THE RESISTANCE TECHNOLOGY CORPORATION 10000 W. 10th Street, Suite 100 Overland Park, KS 66211 Phone: (913) 666-1000 Fax: (913) 666-1001 E-mail: sales@rtc.com		Part No.: 105-105-001 Title: 10.5" SQUARE PANEL		Scale: 1:1	
Project: 10.5" SQUARE PANEL	Drawing No.: 105-105-001	Date: 10/10/01	Drawn By: [ ]	Checked By: [ ]	Date: [ ]



## **7. Precaution**

- 1. It does not support mono signal.**
- 2. When there's no input signal of PIP function, the feedback of OSD key may become slow.  
You could just turn off the PIP window.**
- 3. Do not apply Pressure to the screen**
- 4. Do not sprinkle any liquid to clean LCD. If you need to clean it, please use LCD Clean cloth.**
- 5. Please do not add any parts or use any accessory which is not provided from the manufacturer.**
- 6. Please do not use and store in the high Temperature.  
(Storage 5~48 , Operating 5~39 )**
- 7. When you connect cable, please make sure Anode (Positive) and Cathode (Negative) is correct. If incorrect, it might damage your LCD.**
- 8. Please be careful when moving the monitor, in case to damage the LCD.**

## **8. Remark**

**1:M4×0.7 L= 5 mm screw×6**

**2: 4 L= 10 mm screw×8**

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TV manuals search

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