# AUDIOVOX®

E L E C T R O N I C S   C O R P .

**15" LCD TV**
# Operating Instructions

**Model No. FP1520**
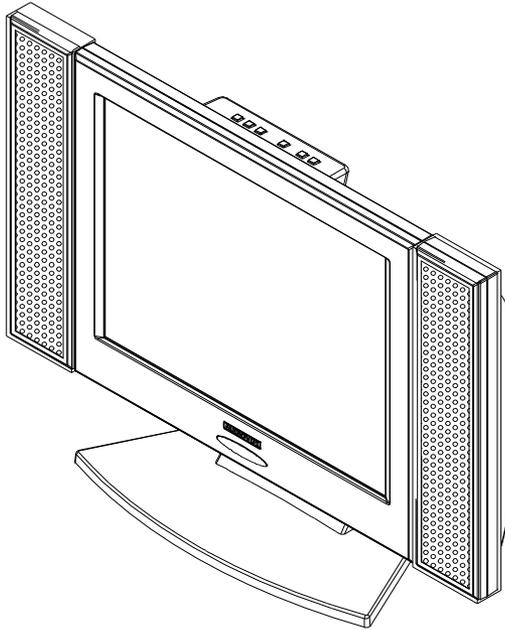
For assistance, please call: 1-800-645-4994
Or visit us at WWW.AUDIOVOX.COM

Before connecting, operating or adjusting this product, please read these
instructions completely.  Please keep this manual for future reference

For Customer Service
Visit Our Website At
**www.audiovox.com**
Product Information, Photos,
FAQ's, Owner's Manuals

**128-6777**

# Important Safety Instructions:

**Read Instructions**

All the safety and operating instructions should be read before the product is operated.

**Retain Instructions**

The safety and operating instructions should be retained for future references.

**Heed Warnings**

All Warnings on the product and in the operation instructions should be adhered to.

**Follow Instructions**

All Operating and user instructions should be followed.

**Cleaning**

Unplug this product from the wall outlet before cleaning. DO NOT use liquid cleaners or aerosol cleaners. Use damp Cloth for cleaning.

**Attachments**

DO NOT use attachments not recommend by the product manufacturer they may cause hazards.

**Mounting**

DO NOT place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of this product should follow the manufacture's instructions, and should use a mounting accessory recommended by the manufacturer.

**Heat**

The Product should be situated away from heat source such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

**Water**

DO NOT use this product near water. For example: Avoid placing it near bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, ETC¡K

**Cabinet Slots**

NEVER push objects or any kind into the unit through the cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. NEVER spill liquid of any kind on the product.

**Ventilation**

DO NOT block any ventilation openings. Install in accordance with manufacture's instructions. Slots and openings in the cabinet and the back and bottom are provided for ventilation, and to ensure reliable operation of the product and to protect it from Overheating. These openings must NOT be blocked or covered. There should be at least 10cm of space from these openings. The openings should never be blocked by placing the unit on a bed, rug or other similar surface. This product should NOT be placed in a built-in installation such as a bookcase unless proper ventilation is provided.

# Important Safety Instructions Continued

### Grounding or Polarization

This product may be equipped with a polarized alternating current line plug (a plug having one blade wider then the other).  This plug will fit the power outlet only one way.  This is a safety feature.  If you are unable to insert the plug fully into the outlet, try reversing the plug.  If the plug should still fail to fit, contact your electrician to replace your obsolete outlet.  DO NOT defeat the safety purpose of the polarized plug.

### Power - Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them.  Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

### Power Sources

This product should be operated only from the type of power source indicated on the rear panel.  If you are not sure of the type of power supply to your home consult your product dealer or local power company.

### Lightning

For added protection for this product during a lightning storm, or when it is left unattended and unused for a long period of time, unplug it from the outlet and disconnect the antenna or cable system.  This will prevent damage to the product due to lightning and power-line surges.

### Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits.  When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.

### Overload

DO NOT overload wall outlets, extension cords or integral convenience receptacles as this can result in a risk of fire or electric shock.

### Damages Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.

- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally after following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance - this indicates a need for service.

# Important Safety Instructions Continued

### Replacement parts
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. UNAUTHORIZED substitution may result in fire, electric shock or other hazards.

### Safety Check
Upon completion of any service or repair to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

### CAUTION
Danger of explosion if remote battery is incorrectly replaced. Replace only with the same or equivalent type.

### Storage
Store LCD TV in a dark room at room temperature and low humidity in the origional packing condition, to avoid condensation that may cause failure.

### Handling
Since the LCD TV consists of glass and precise electronic components, it will be damaged by excessive shock or drop. Please handle the LCD TV carefully to minimize shock during transportation.


### Important Information Regarding Use of Video Games, Computer, Captions or other Fixed Image Displays.
The Extended use of a fixed image program material can cause permanent "Shadow Image" on the LCD Panel. The Background image is viewable on normal programs in the form of stationary fixed image. This type of irreversible LCD panel deterioration can be limited by observing the following steps:
Reduce the brightness/contrast setting to a minimum viewing level.
DO NOT display the fixed image for extended periods of time.
Turn the power off when not in actual use.

### Recycling
This product utilizes tin-lead solder, and has a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated in your community due to environmental considerations. For disposal or recycling information please contact you local authorities, or the Electronics Industries Alliance: **http://www.eiae.org/**

# Important Safety Instructions Continued

```
┌─────────────────────────────────────────┐
│  ⚠        CAUTION         ⚠             │
│          RISK OF ELECTRIC                │
│         SHOCK DO NOT OPEN                 │
│─────────────────────────────────────────│
│              CAUTION :                    │
│     TO REDUCE THE RISK OF ELECTRIC SHOCK, │
│        DO NOT REMOVE COVER (OR BACK).     │
│       NO USER-SERVICEABLE PARTS INSIDE.   │
│  REFER SERVICING TO QUALIFIED SERVICE PERSONNEL │
└─────────────────────────────────────────┘
```
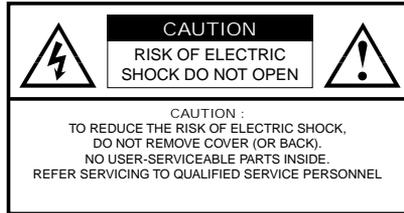
The Lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "DANGEROUS VOLTAGE" within the product's enclosure that may be of sufficient magnitude to constitute a risk or electric shock to persons.

The Exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing instructions in the literature accompanying the product).

# Federal Communication Commission Information (FCC)

This Equipment has been tested and found to comply with the limits for a TV Broadcast Receiver, pursuant to Part 15 of the FCC Rules.  These limits are designed to provide reasonable protection against harmful interference in a residential installation.  This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications If this equipment does cause or receive interference, which can be determined by turning equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the TV antenna
- Increase the separation between TV and other equipment.
- Connect TV into separate outlet from equipment.
- Consult the dealer or an experienced radio/TV technician for help

**FCC Caution:**  Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment

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## 2. SYSTEM SETUP

## 3. FP1520 OPERATING INSTRUCTIONS

## 4. REFERENCE

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## 1. INTRODUCTION

### Product Description

Thank you for choosing the AUDIOVOX FP1520 TFT-LCD Color TV/Monitor and for your continued support and use of our products.

The FP1520 combines the features of a TV/MONITOR with a THIN FILM TRANSISTOR liquid crystal display (TFT-LCD).

This new generation of TFT-LCD incorporates a high quality display in a light weight module.

As such the unit has power-saving capabilities and emits no X-ray radiation. There are many benefits from this TFT-LCD namely comfort, safety, and environmental protection.

The FP1520 features a 15" color-active matrix, Thin-Film-Transistor (TFT) Liquid Crystal Display (LCD) to provide superior display performance. A maximum resolution of 1024x768 is ideal for displaying complex graphics and high definition images from your computer. Other outstanding features include freedom from video oscillations and selection of various choices of digital video and audio signal inputs. You will get the feeling that the large-sized surface of operation with the Video - On - Video (VOV) feature, together with the high-quality 3D stereo speakers and remote high-level amplifiers connections,provides a coherent, top-of-the-line Audio and Video systems for viewing pleasure.

In addition the TFT-LCD display allows "Plug & Play" connection to your PC and has a built-in On Screen Display (OSD) functions that can operate from the convenience of a remote control.
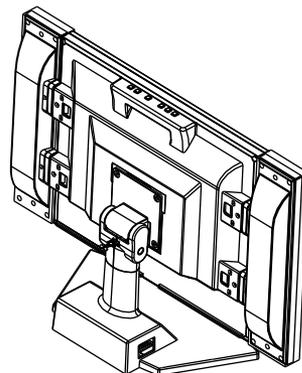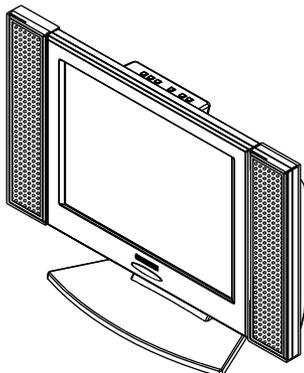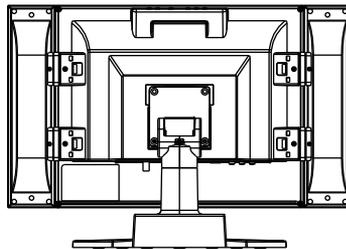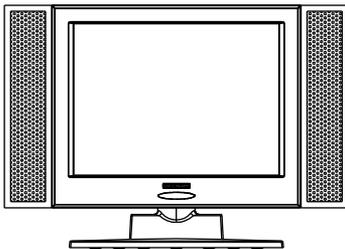
## Product Features

- TFT-LCD screen connected with Computer support DDC1/2B for"Plug & Play"compatibility.
- 15-Inch high-resolution LCD Monitor which supports XGA 1024x768 resolution.
- Super 2,359,296 high-resolution pixels to enhance TFT-LCD definition.
- Super 450cd/m$^2$ high-brightness for picture enjoyment.
- Super wide viewing angle : Horizontal :  130$^\circ$, Vertical :  120$^\circ$ .
- Super-low power consumption ; 50% more power saving than conventional TV.
- Super 9300$^\circ$ color temperature for LCD monitor choice of color.
- Internal subtitle decode function to precisely display multi-language capability
- CATV full-frequency channel receive capability
- AV-terminal input and S-Video inputs for high-quality pictures.
- 3D Stereo for realistic acoustics.
- Slim space-saving feature of up to 70% compared  with a normal CRT monitor.
- Light design reduces weight by 15% compared with traditional TV monitor.
- High contrast ratio of 500 : 1 provides optimum clear image.
- Multi-digital input terminal provides a host of video and audio choices.
- Supports Video-On-Video ; VOV can display multiple video sources at one time.
- Intelligent screen image setting
  Intelligent Window Control Surface to simplify function settings.
- Built-in wall mounting ; Detachable stand enhances wall-mounting application.

## Package Contents

Please check the FP1520 Package to make sure it contains the following items :

SPEAKERS                                    15"TFT-LCD



BASE TRANS
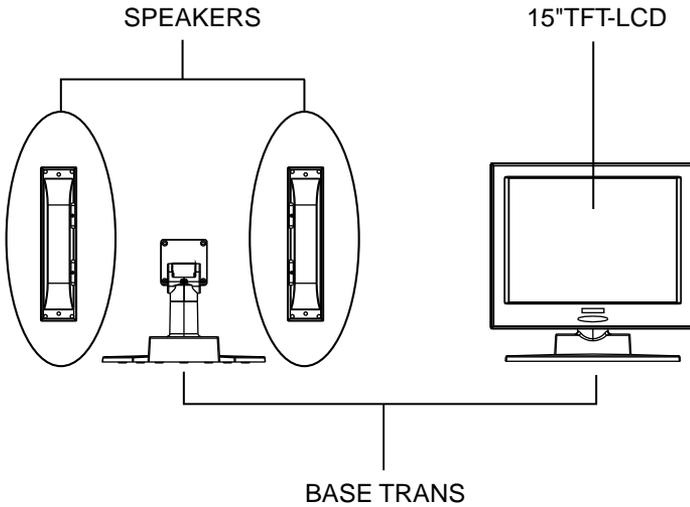


Slim-type
Remote Control
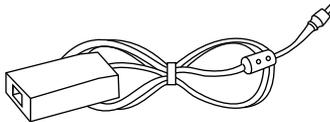
Power Transformer Cord
**(Mounted in base from the factory)**
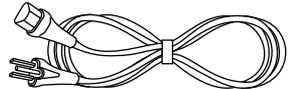
Power Cord
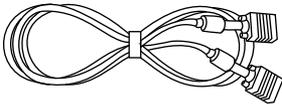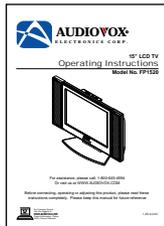


VGA Cable                    User Manual                    Right-angle adapter

# 2. SYSTEM SETUP

## Top Panel & Remote Control Function

### TOP PANEL :



VOL-  MENU  VOL+        POWER      CH-    CH+
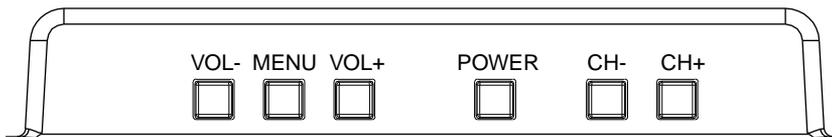
VOL -   : Volume down Button : decreases volume
MENU   : Menu Button : Selects command function
VOL +   :  Volume up Button : Increases volume
POWER : Power Button : Power on/off control
CH -    : Channel down Button : Decreases setting channel
CH +    : Channel up Button : Increases setting channel
IR      :  Remote IR detect window : Receives IR signal from
          remote control

IR
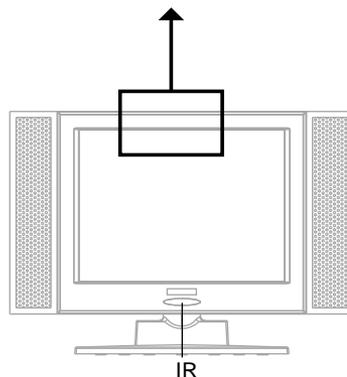
### Remote Control Unit :

# Remote Control Buttons :

1 **POWER**
To turn Power On/Off

2 **KEYPAD**
Press number key to select channel of TV

3 **MUTE**
Turns volume off

4 **CH+**
Increases TV channel setting

5 **CH-**
Decreases TV channel setting

6 **ENTER**
Enters command keypad functions

7 **VOL-**
Decreases volume setting

8 **VOL+**
Increases volume setting

9 **ADJ**
Adjusts the saturation,hue ,brightness and contrast functions

10 **INFO**
Displays the signal source of the current channel

11 **AUTO**
Scans signal channels TV and CATV

12 **OSD Display**
Chooses on-screen subtitle color , including yellow, blue , white and black

13 **Main Disp Switch**
Chooses Main Display for AV, SV,CATV,TV, PC

14 **Sub Disp Switch**
Chooses Sub Display for AV, SV,CATV,TV

15 **Sub Disp Move**
Press to show VOV,sub picture and shift its position to one of four viewing angles in TV

16 **VOV Swap**
Switches Video-On-Video in the TV window

17 **BACKWARD**
Selects next menu item

18 **CANCEL**
Cancels OSD

19 **FORWARD**
Selects previous menu item

20 **Menu**
Displays the main menu on screen

21 **RECALL**
Recalls the last channel viewed

# Remote Control Battery Installation/Removal :

Open → ⊕ CR2025 3V ⊖

Open → ⊕ CR2025 3V ⊖

LITHIUM BATTERY CR2025 3v

Pull out
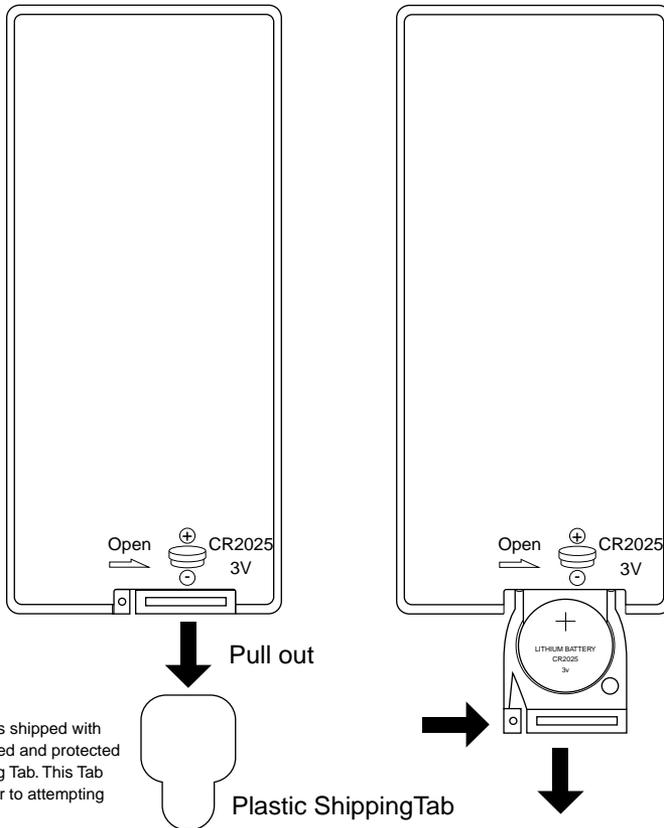
**IMPORTANT !!**
The Remote Control is shipped with
the Battery pre-installed and protected
with a Plastic Shipping Tab. This Tab
must be removed prior to attempting
to operate the unit.

Plastic ShippingTab

Change the Battery if the Remote Control no longer operates the FP1520.

LITHIUM BATTERY CR2025 3v

**Caution :**
Only use CR2025 type Battery.
Confirm the polarity(+/-) of battery before installing
Removal the battery if the Remote Control is not to be
used for a long time.

**Remote Control Operating Instruction:**

The Remote Control Transmission consists of an Infrared (IR) Signal.
Make sure the line-of-sight between Remote Control and FP1520 is clear of
objects that could interfere with the remote IR signal. Always point the Remote
Control directly at the FP1520 sensor.



IR sensor

30° 30°
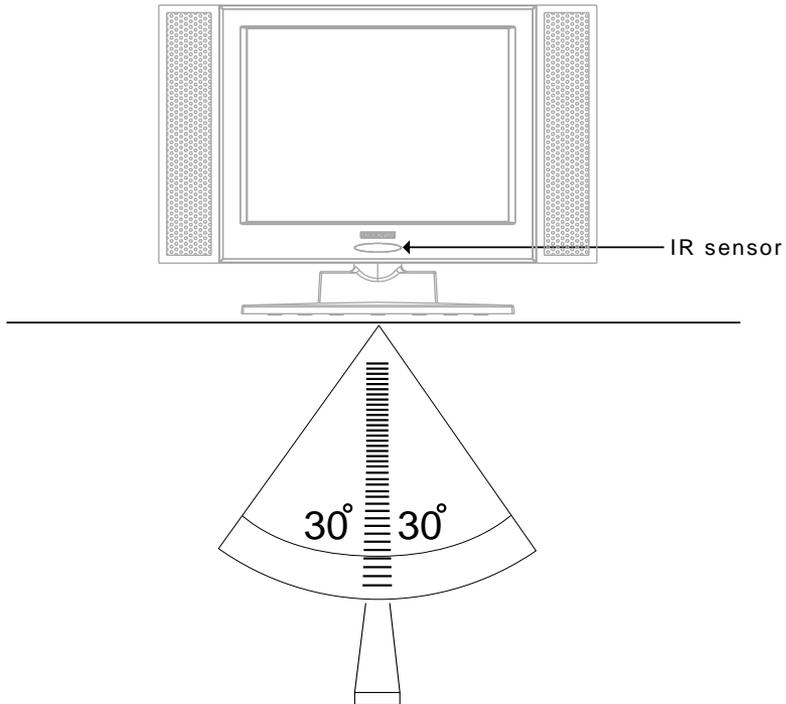
## CAUTION !!

Avoid damaging the Remote Control by :

● Applying excessive pressure when pressing buttons

● Exposing to extreme Low or High temperatures

● Exposing to excessive Moisture

● Mishandling to Dropping

## Assembly and Connection

The Speakers were premounted to the TV display in the factory prior to shipment.
Locate the power cable in the accessory box and connect it to the base unit.
Plug the other end of the power cable into the wall outlet.

Power Cable
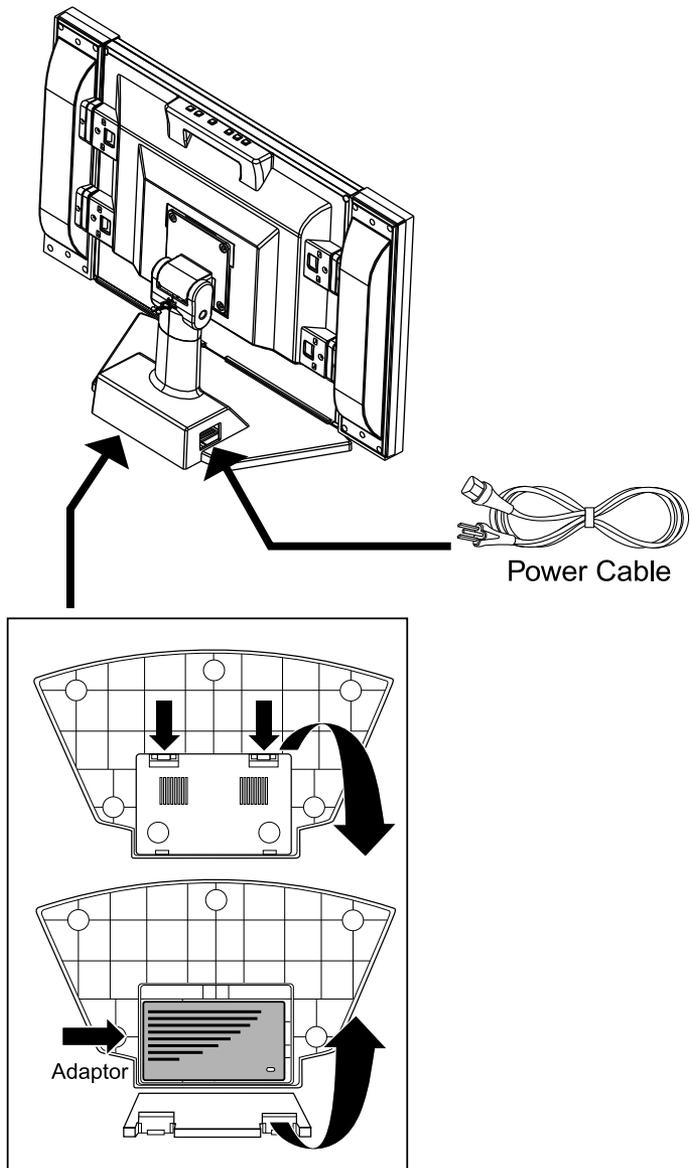
Adaptor

The adapter is premounded in the base unit.

# Input/Output Signal Connections
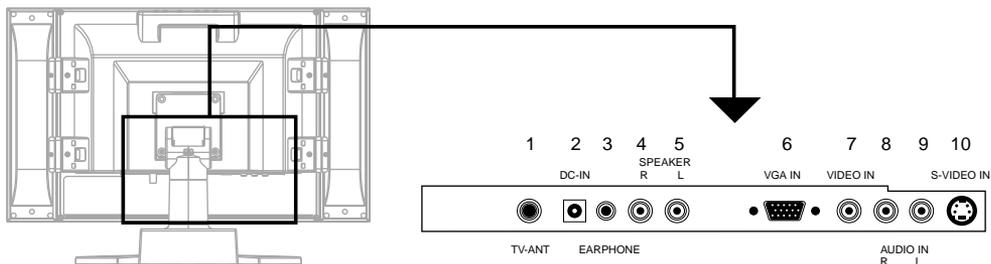


1. ANT. CABLE INPUT
2. POWER ADAPTER INPUT
3. EARPHONE OUTPUT
4. RIGHT SPEAKER OUTPUT
5. LEFT SPEAKER OUTPUT
6. VGA INPUT
7. A-VIDEO INPUT
8. RIGHT AUDIO INPUT
9. LEFT AUDIO INPUT
10. S-VIDEO INPUT

Connecting TV Cable
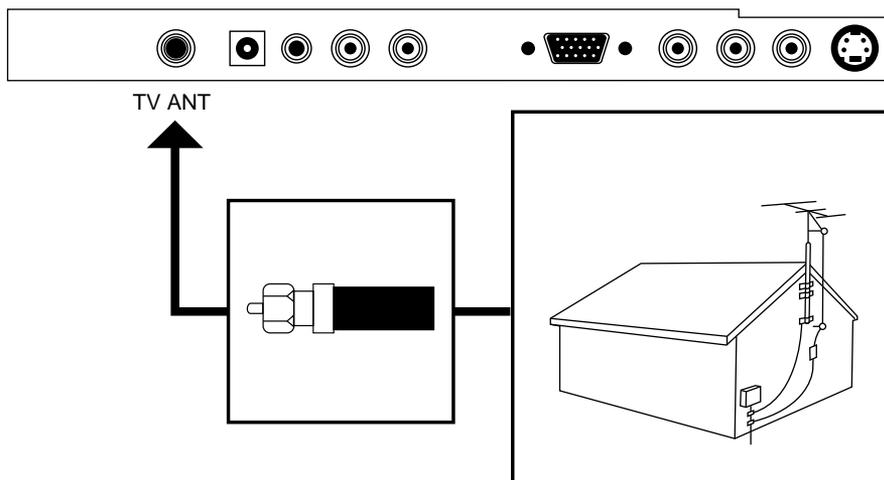
DC Power Socket



DC-IN
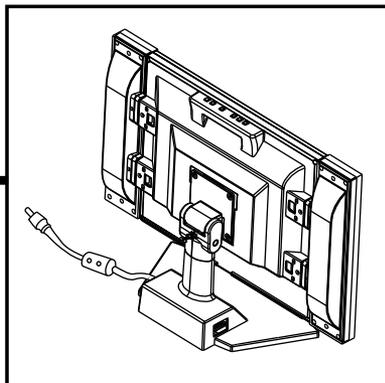
Connecting Left and Right Speakers



SPEAKER
R    L
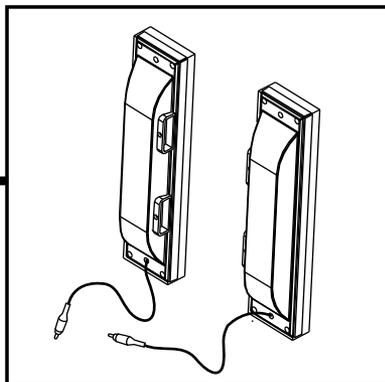
Connecting to S-video terminal equipment such as
DVD, VCR or Gaming Console.

S-VIDEO IN

VIDEO   OUT
         L   R

IN
FROM ANT

OUT
TO TV

S-VIDEO
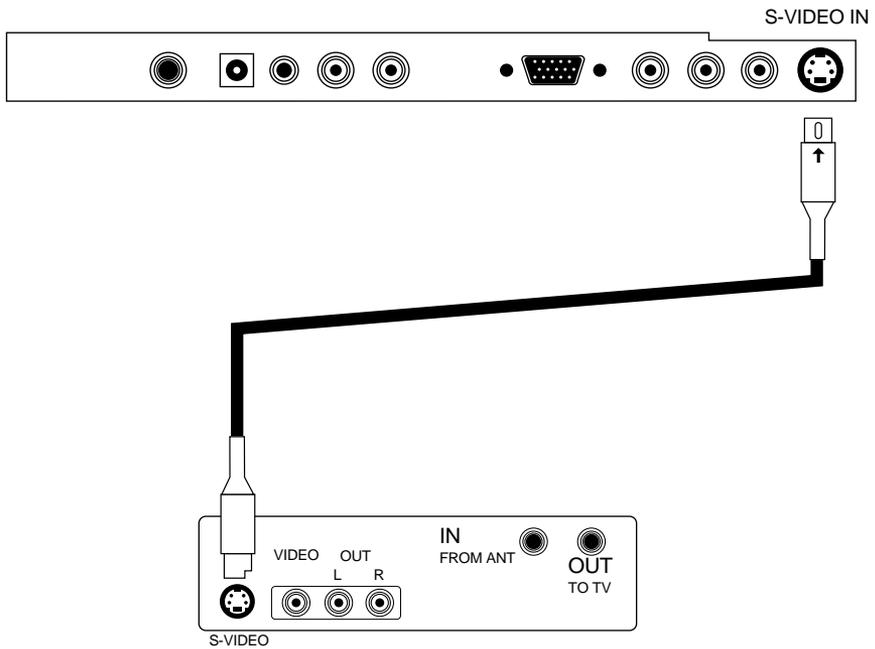
Connecting to 15-PIN VGA from a PC

VGA-IN

VGA-OUT
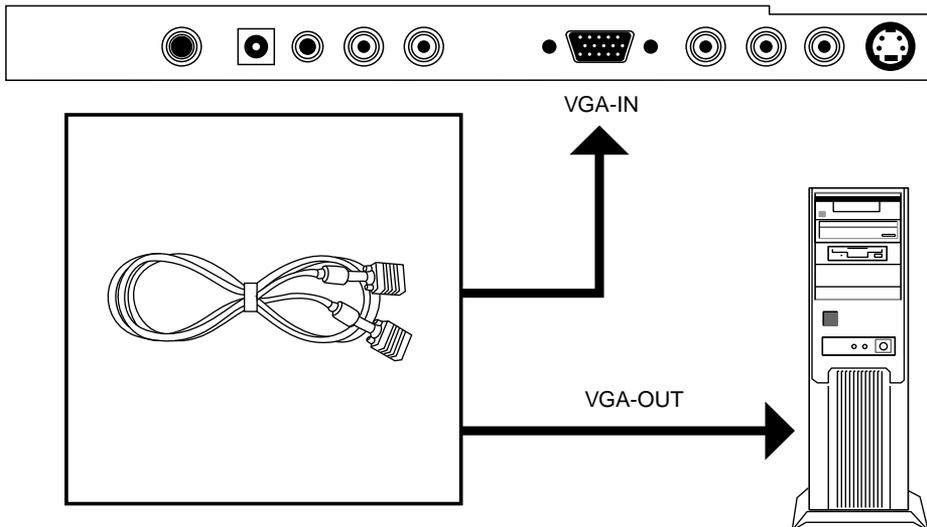
Connecting to AV-terminal equipment such as
DVD, VCR, and Gaming Console.

VIDEO IN AUDIO IN
R L

Yellow Red White

Yellow White Red

S-VIDEO OUT IN FROM ANT OUT
VIDEO L R TO TV
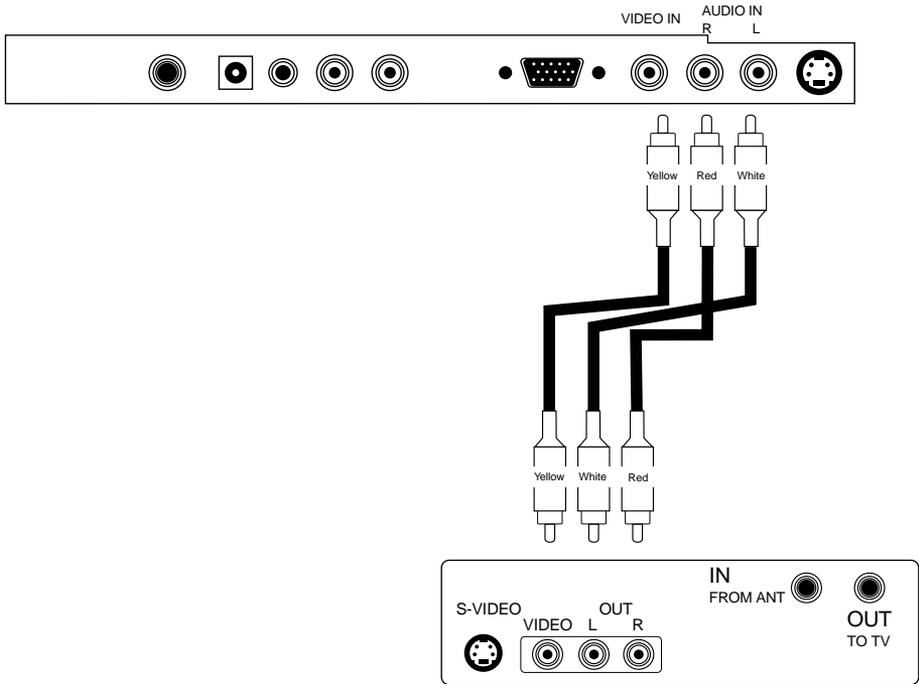
## 3.FP1520 OPERATING INSTRUCTIONS

## TV and AV Operating Instructions

### MAIN DISP

Press and release the Menu button to display the following Main Menu for TV and AV functions :
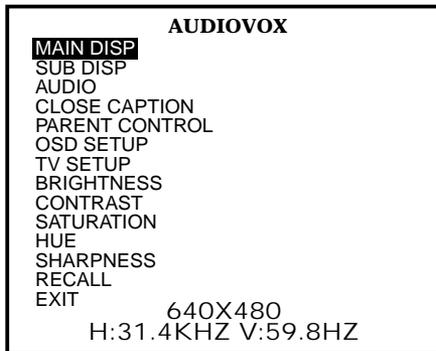
Press and release the Menu button again to access the MAIN DISP menu :

```
              AUDIOVOX
   MAIN DISP
   SUB DISP
   AUDIO
   CLOSE CAPTION
   PARENT CONTROL
   OSD SETUP
   TV SETUP
   BRIGHTNESS
   CONTRAST
   SATURATION
   HUE
   SHARPNESS
   RECALL
   EXIT        640X480
          H:31.4KHZ V:59.8HZ
```

```
              AUDIOVOX
   VGA
   AVIDEO
   SVIDEO
   CATV
   TV
   RETURN



               640X480
          H:31.4KHZ V:59.8HZ
```

NOTE :
**Screen Resolution
(Will vary)**
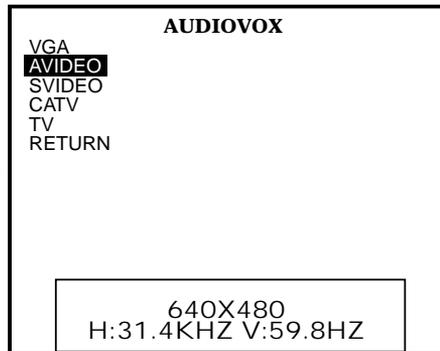
**MAIN DISPLAY OPTIONS :**

1. Main Display

2. Sub Display

3. Sound Option

4. Close Subtitle

5. Parent Control

6. On-Screen-Display(OSD) Option

7. TV Mode Option

8. Brightness

9. Contrast

10. Saturation

11. Hue

12. Sharpness

13. Recall

14. Exit

**INPUT SIGNAL SELECTIONS :**

1. VGA-Computer Input Signal

2. AVIDEO-A-Video Input Signal

3. SVIDEO-S-Video Input Signal

4. CATV-Cable TV Input Signal

5. TV-TV Input Signal

RETURN to Previous Menu

**SUB DISP (sub display)**

SUB DISP has four signal inputs - AVIDEO, SVIDEO, CATV and TV. These inputs are used to connect to a DVD-Player, VCR etc.

1. AVIDEO (AV-Terminal)
2. SVIDEO (S-Terminal)
3. CATV
4. TV
5. Video-On-Video(VOV) OFF
6. RETURN

With the Main Menu displayed, Press and release the ⊙ button to highlight SUB DISP

```
                AUDIOVOX
    MAIN DISP
    SUB DISP
    AUDIO
    CLOSE CAPTION
    PARENT CONTROL
    OSD SETUP
    TV SETUP
    BRIGHTNESS
    CONTRAST
    SATURATION
    HUE
    SHARPNESS
    RECALL
    EXIT        640X480
          H:31.4KHZ V:59.8HZ
```
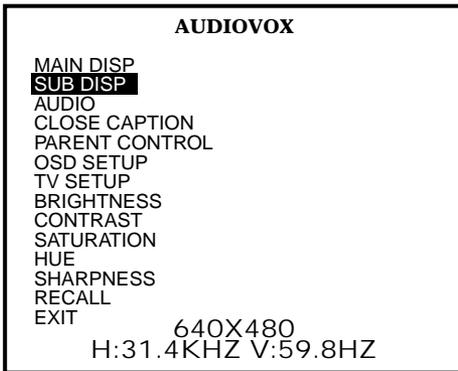
Press and release the MENU button to display the SUB DISP Menu :

```
                AUDIOVOX
    AVIDEO
    SVIDEO
    CATV
    TV
    VOV OFF
    RETURN



                640X480
          H:31.4KHZ V:59.8HZ
```
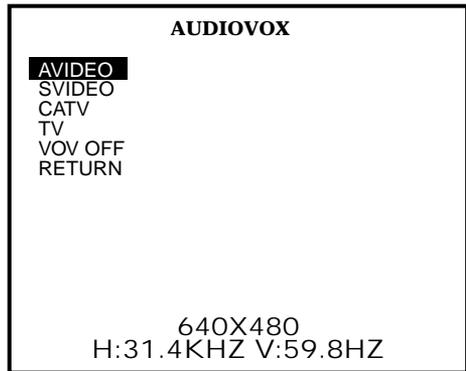
Press and release the ⊙ button to highlight AVIDEO. Then Press and release the Menu button to select AVIDEO for (Video-On-Video) viewing.
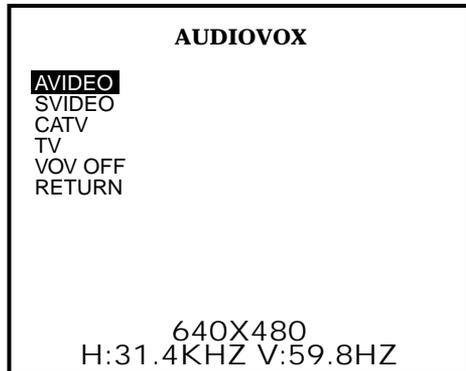
```
                AUDIOVOX
    AVIDEO
    SVIDEO
    CATV
    TV
    VOV OFF
    RETURN



                640X480
          H:31.4KHZ V:59.8HZ
```

With the Main Menu displayed, use the ⟨▼⟩ button to select VOV ADJUST

**AUDIOVOX**

MAIN DISP
SUB DISP
VOV ADJUST
AUDIO
CLOSE CAPTION
PARENT CONTROL
OSD SETUP
TV SETUP
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
RECALL
EXIT

**800X600
H:53.6KHZ V:84.8HZ**
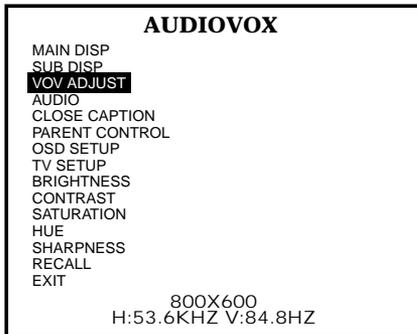
Then Press and release the Menu button to select VOV adjustments :

**AUDIOVOX**

VOV POSITION
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
BORDER SIZE
BORDER COLOR
RETURN

**800X600
H:53.6KHZ V:84.8HZ**

➡

⬇

| 3 | 4 |
|---|---|
| 2 | 1 |

**NOTE :**

Position 1 - Bottom Right

Position 2 - Bottom Left

Position 3 - Upper Left

Position 4 - Upper Right
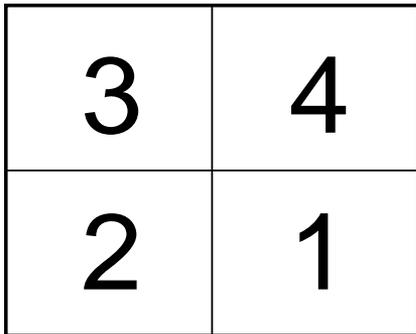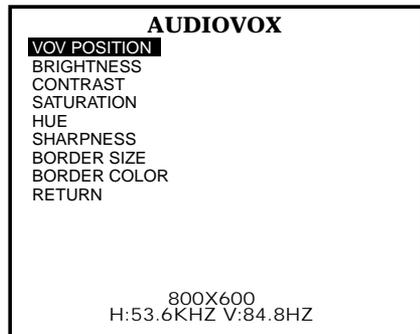
With the VOV POSITION Menu displayed, use the ⟨▼⟩ button to select the VOV POSITION desired then Press Menu to display

**AUDIOVOX**

POSITION 1
POSITION 2
POSITION 3
POSITION 4

**800X600
H:53.6KHZ V:84.8HZ**
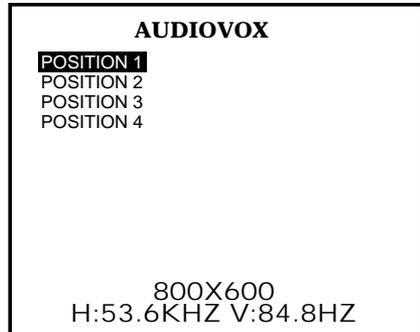
Press the ⟨▲⟩ ⟨▼⟩ button to select Position. Press and release the Menu button to go back to the previous Menu.

**NOTE :**

The following adjustments will effect the VOV only, not the Main display.

**AUDIOVOX**

VOV POSITION
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
BORDER SIZE
BORDER COLOR
RETURN

**800X600**
**H:53.6KHZ V:84.8HZ**

---

**BRIGHTNESS**

**120**

Press the (▲)(▼) button to adjust setting and then Press and release the Menu button to confirm and return to previous page.

**CONTRAST**

**192**

Press the (▲)(▼) button to adjust setting and then Press and release the Menu button to confirm and return to previous page.

**SATURATION**

**200**

Press the (▲)(▼) button to adjust setting and then Press and release the Menu button to confirm and return to previous page.

**HUE**

**128**

Press the (▲)(▼) button to adjust setting and then Press and release the Menu button to confirm and return to previous page.

**SHARPNESS**

**0**

Press the (▲)(▼) button to adjust setting and then Press and release the Menu button to confirm and return to previous page.

**BORDER SIZE**

**3**

Press the (▲)(▼) button to adjust setting and then Press and release the Menu button to confirm and return to previous page.

**BORDER COLOR**

**124**

Press the (▲)(▼) button to adjust setting and then Press and release the Menu button to confirm and return to previous page.

## AUDIO

Select the desired level of GAIN, BASS, TREBLE and LOUDNESS.

1. AUDIO CHANNEL - Choose Audio Input Source (A-Video, TV).

2. GAIN - Adjusts Audio Gain

3. BASS - Adjusts Bass

4. TREBLE - Adjusts Treble

5. LOUDNESS - On or Off

6. RETURN - Back to Main Menu Display

Access the Main Menu and highlight AUDIO then press and release the Menu button to select.

**NOTE :**
**Use the ▲ and ▼ to move between the options, also use the ▲ and ▼ to adjust progress bar.**

◤

```
              AUDIOVOX
MAIN DISP
SUB DISP
AUDIO
CLOSE CAPTION
PARENT CONTROL
OSD SETUP
TV SETUP
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
RECALL
EXIT          640X480
         H:31.4KHZ V:59.8HZ
```

```
              AUDIOVOX
AUDIO CHANNEL
GAIN
BASS
TREBLE
LOUDNESS
RETURN



              640X480
         H:31.4KHZ V:59.8HZ
```

→

```
              AUDIOVOX
AV
TV
RETURN




              640X480
         H:31.4KHZ V:59.8HZ
```

```
              AUDIOVOX
AUDIO CHANNEL
GAIN
BASS
TREBLE
LOUDNESS
RETURN


              640X480
         H:31.4KHZ V:59.8HZ
```

```
          GAIN


  ▮▮▮▮▮▮▮▮▮▯▯▯▯▯

            2
```

```
          BASS


  ▮▮▮▮▮▮▮▮▮▮▮▯▯▯

           10
```

```
          TREBLE


  ▮▮▮▮▮▮▮▯▯▯▯▯▯▯

            8
```

```
         LOUDNESS


    YES          NO
```

## CLOSE CAPTION

The caption can display the spoken audio content of picture.

1. CAPTION - You can choose to show the caption or not.
2. DISPLAY :
   a. BOX - You can choose to box the caption.
   b. SHADOW - You can choose to show the caption in shadow (not boxed) format.
3. RETURN - Back to main menu display

## NOTE :

Not all channels display CLOSE CAPTION.

With the Main Menu displayed, Press and release the ( ▾ ) button to highlight CLOSE CAPTION

```
            AUDIOVOX

MAIN DISP
SUB DISP
AUDIO
CLOSE CAPTION
PARENT CONTROL
OSD SETUP
TV SETUP
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
RECALL
EXIT         640X480
         H:31.4KHZ V:59.8HZ
```

Press and release the Menu button to display the CAPTION Menu.

```
            AUDIOVOX
                           NO
CAPTION                    BOX
DISPLAY
RETURN




             640X480
         H:31.4KHZ V:59.8HZ
```
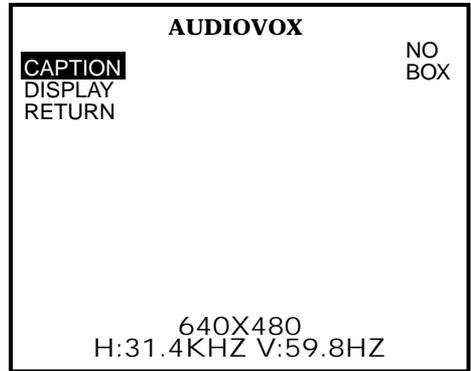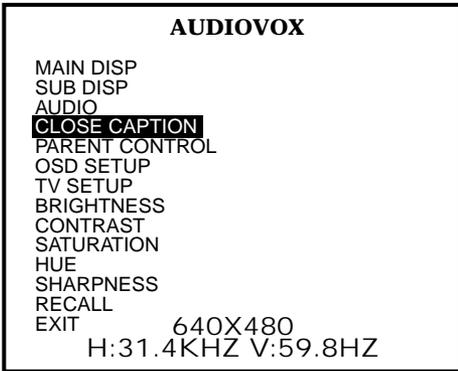
Press and release the Menu button to select CAPTION(1-4)and text (1-4) options.

```
            AUDIOVOX

CAPTION              NO
DISPLAY             CAP 1
RETURN              CAP 2
                    CAP 3
                    CAP 4
                    TXT 1
                    TXT 2
                    TXT 3
                    TXT 4

             640X480
         H:31.4KHZ V:59.8HZ
```

Press and release the Menu button to select DISPLAY.

```
            AUDIOVOX

CAPTION
DISPLAY              BOX
RETURN               SHADOW




             640X480
         H:31.4KHZ V:59.8HZ
```
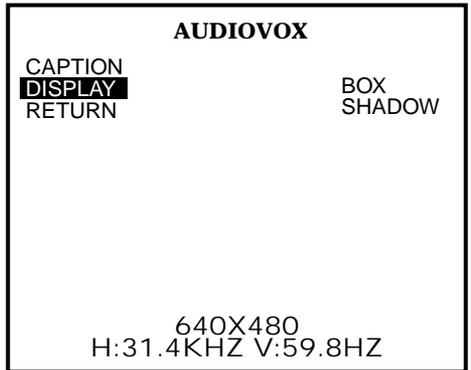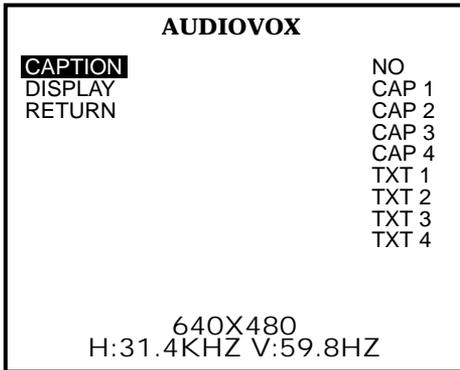
## PARENT CONTROL

With the Main Menu displayed,
Press and release the (▼) button
to highlight PARENT CONTROL :

```
         AUDIOVOX
MAIN DISP
SUB DISP
AUDIO
CLOSE CAPTION
PARENT CONTROL
OSD SETUP
TV SETUP
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
RECALL
EXIT
            640X480
      H:31.4KHZ V:59.8HZ
```
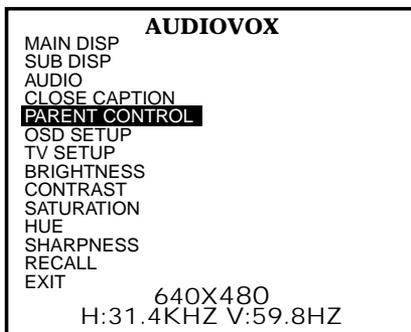
Input the four-digit Parent Control Password
and confirm using the Menu button
(Default Code is 3308)

```
      PARENT CONTROL

        ▬ ▬ ▬ ▬
```
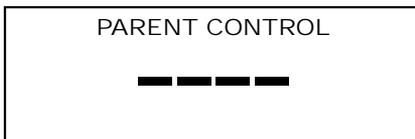
After entering the Password, the following
menu will appear :

```
         AUDIOVOX

SET PASSWORD
V-CHIP LOCK
CLASS OPTION
MPAA OPTION
RETURN




            640X480
      H:31.4KHZ V:59.8HZ
```
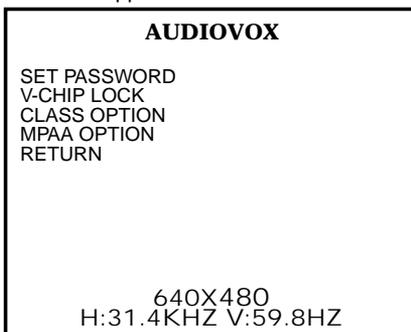
After accessing the Parent Control Menu,
highlight SET PASSWORD and Press and
release the Menu button.
Then enter a 4-digit Password to change
the Parental Control Menu Password.

**PARENT CONTROL (continued)**

From the PARENT CONTROL Main Menu.
Press and release the (▼) button to
highlight V-CHIP lock then Press and
release the Menu button :

```
┌─────────────────────────────────┐
│                                 │
│          V-CHIP LOCK            │
│                                 │
│        YES        NO            │
│                                 │
└─────────────────────────────────┘
```

Enable the V-CHIP lock function by Selecting
YES and disable by selecting NO.

From the PANRENT CONTROL Main Menu.
Press and release the (▼) button to
highlight CLASS OPTION on Main Parental
Control Menu :

```
┌─────────────────────────────────┐
│            AUDIOVOX             │
│  TV-Y                 YES / NO   │
│  TV-Y7                YES / NO   │
│  TV-G                 YES / NO   │
│  TV-PG                YES / NO   │
│  TV-14                YES / NO   │
│  TV-MA                YES / NO   │
│  RETURN                         │
│                                 │
│                                 │
│          640X480                │
│     H:31.4KHZ V:59.8HZ          │
└─────────────────────────────────┘
```

Select the desired age class and Press and
release the Menu button.
Select RETURN to go back to the Parental
Control Main Menu.

**PARENT CONTROL (continued)**

**PARENTAL CONTROL RATINGS**

From the PARENT CONTROL Main Menu.
Press and release the ⊙ button to
highlight  MPAA OPTION and
press menu :

```
┌─────────────────────────────────┐
│          AUDIOVOX               │
│  █G  █                 YES / NO  │
│  PG                    YES / NO  │
│  PG-13                 YES / NO  │
│  R                     YES / NO  │
│  NC-17                 YES / NO  │
│  X                     YES / NO  │
│  RETURN                          │
│                                  │
│                                  │
│          640X480                 │
│      H:31.4KHZ V:59.8HZ          │
└─────────────────────────────────┘
```
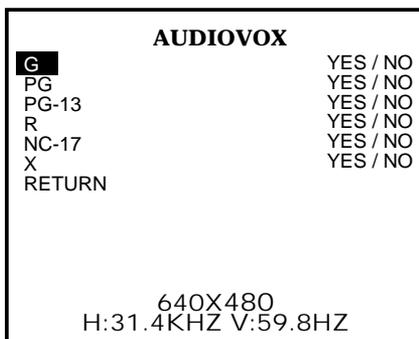
Select the desired rating level and press Menu.
Select RETURN to return to the main parental
control menu.

|  **CLASS OPTION**  |              |  **MPAA OPTION**  |              |
| --- | --- | --- | --- |
| a. TV-Y   | e. TV-14   | a. G      | e. NC-17   |
| b. TV-Y7  | f. TV-MA   | b. PG     | f. X       |
| c. TV-G   | g. Return  | c. PG-13  | g. RETURN  |
| d. TV-PG  |            | d. R      |            |

## ON SCREEN DISPLAY(OSD) SETUP :

With the Main Menu displayed, Press and release the ⊙ button to highlight OSD SETUP

```
              AUDIOVOX
    MAIN DISP
    SUB DISP
    AUDIO
    CLOSE CAPTION
    PARENT CONTROL
    OSD SETUP
    TV SETUP
    BRIGHTNESS
    CONTRAST
    SATURATION
    HUE
    SHARPNESS
    RECALL
    EXIT
              640X480
        H:31.4KHZ V:59.8HZ
```
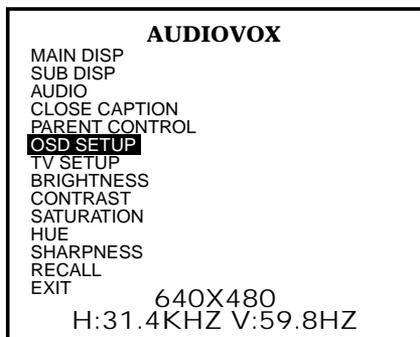
Press and release the Menu button to select LANGUAGE, OSD COLOR or OSD TIMER

```
              AUDIOVOX
    LANGUAGE
    OSD COLOR
    OSD TIMER
    RETURN



              640X480
        H:31.4KHZ V:59.8HZ
```
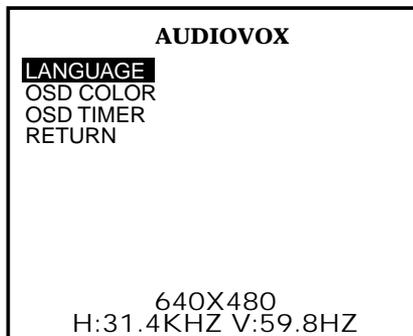
### OSD LANGUAGE :

Using the ⊙ button, select the desired LANGUAGE

```
              AUDIOVOX
    ENGLISH




              640X480
        H:06.9KHZ V:13.2HZ
```
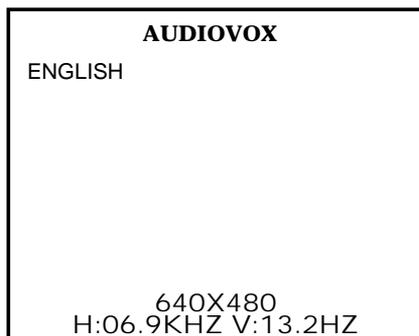
### OSD COLOR :

Using the ⊙ button, select the desired OSD Message Color then Press and release the Menu button to confirm

```
              AUDIOVOX
    YELLOW
    BLUE
    WHITE
    BLACK
    RETURN


              640X480
        H:06.9KHZ V:13.2HZ
```
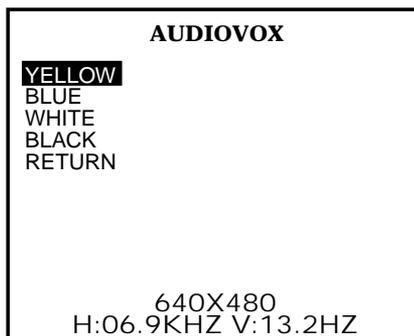
### OSD TIMER :

Using the ⊙ button, select the amount of time you would like the OSD Massage to be viewed (5,10,15 seconds) then Press and release the Menu button to confirm

```
            OSD TIMER


      5        10        15
```
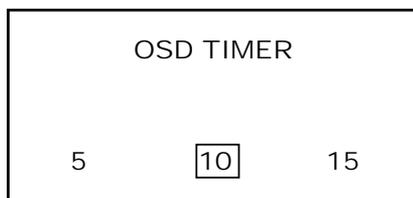
With the MAIN MENU displayed, Select TV SETUP using the Menu button :

**AUDIOVOX**

MAIN DISP
SUB DISP
AUDIO
CLOSE CAPTION
PARENT CONTROL
OSD SETUP
TV SETUP
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
RECALL
EXIT

**640X480
H:31.4KHZ V:59.8HZ**
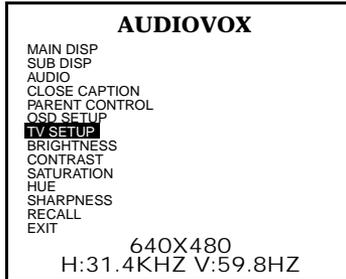
Select TV SETUP and highlight ERASE/ ADD then Press and release the Menu button.

**AUDIOVOX**

ERASE/ADD
AUTO PROGRAM
RETURN

**640X480
H:31.4KHZ V:59.8HZ**

→
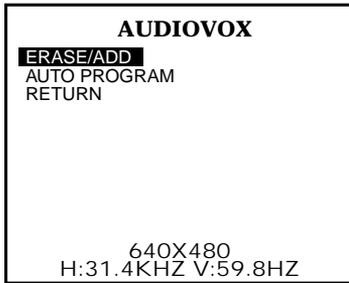
Using the (▼) button, select ERASE or ADD then Press and release the Menu button to confirm.

**ADD/ERASE**

**ERASE**          **ADD**

NOTE : This function can ERASE or ADD the present display's channel.

Select TV SETUP and highlight AUTO PROGRAM then Press and release the Menu button.

**AUDIOVOX**

ERASE/ADD
AUTO PROGRAM
RETURN

**640X480
H:31.4KHZ V:59.8HZ**

→
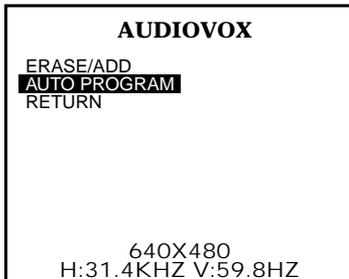
Using the (▼) button, select YES or NO. (No need to press Menu button, The Autoprogram will Autostart).
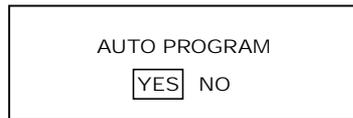
**AUTO PROGRAM**
**YES   NO**

**NOTE :**
Users need to perform Auto Program when the source is first connected to the tuner module to ensure every Channel is stored in the TV's memory.

With the MAIN MENU displayed, select BRIGHTNESS, CONTRAST, SATURATION, HUE or SHARPNESS then Press and release the Menu button to confirm. The following screen(s) will be displayed (see screens below)
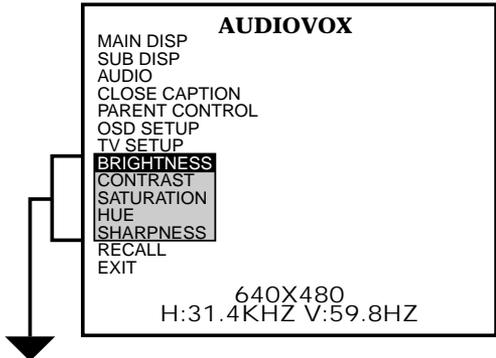
```
                    AUDIOVOX
MAIN DISP
SUB DISP
AUDIO
CLOSE CAPTION
PARENT CONTROL
OSD SETUP
TV SETUP
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
RECALL
EXIT
                    640X480
            H:31.4KHZ V:59.8HZ
```

### BRIGHTNESS

Adjusts the overall image and background screen brightness.

```
           BRIGHTNESS


               173
```
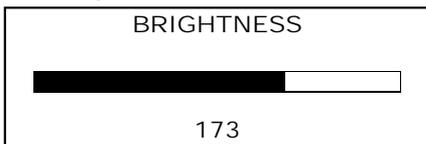
Press the (▲)(▼) button to adjust setting then press Menu to return to the previous menu.

### SATURATION

Adjusts the color gradations in relation to the images and background.

```
           SATURATION


               120
```
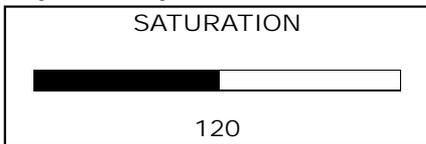
Press the (▲)(▼) button to adjust setting then press Menu to return to the previous menu.

### SHARPNESS

Adjusts the overall image and background screen sharpness.

```
           SHARPNESS


                10
```

Press the (▲)(▼) button to adjust setting then press Menu to return to the previous menu.

### CONTRAST

Adjusts the image brightness in relation to the background.

```
            CONTRAST


               133
```
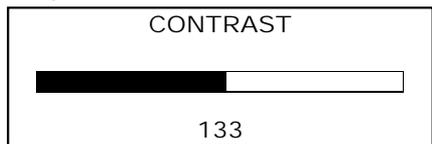
Press the (▲)(▼) button to adjust setting then press Menu to return to the previous menu.

### HUE

Adjusts the color definition in relation to image and background.
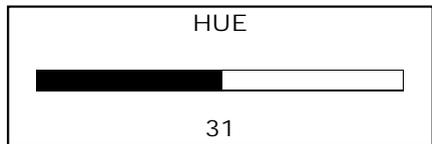
```
              HUE


               31
```

Press the (▲)(▼) button to adjust setting then press Menu to return to the previous menu.

With the MAIN MENU displayed,

Select RECALL using the Menu button

```
            AUDIOVOX
MAIN DISP
SUB DISP
AUDIO
CLOSE CAPTION
PARENT CONTROL
OSD SETUP
TV SETUP
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS
RECALL
EXIT
              640X480
       H:31.4KHZ V:59.8HZ
```

**RECALL**

Automatically reset setting to factory defaults.

```
            RECALL


   YES              NO


```
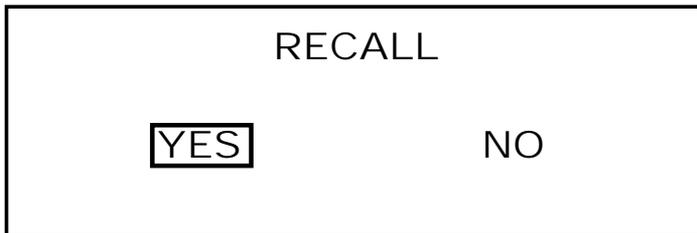
Press the (▲)(▼) buttons to select YES or NO option,
(No need to select Menu, the RECALL will happen Automatically).

**EXIT**

Exits the on-screen-menu controls

With the MAIN MENU displayed, select
EXIT using the MENU button to exit the
MAIN MENU

```
┌─────────────────────────────────┐
│           AUDIOVOX              │
│  MAIN DISP                      │
│  SUB DISP                       │
│  AUDIO                          │
│  CLOSE CAPTION                  │
│  PARENT CONTROL                 │
│  OSD SETUP                      │
│  TV SETUP                       │
│  BRIGHTNESS                     │
│  CONTRAST                       │
│  SATURATION                     │
│  HUE                            │
│  SHARPNESS                      │
│  RECALL                         │
│  EXIT                           │
│          640X480                │
│     H:31.4KHZ V:59.8HZ          │
└─────────────────────────────────┘
```
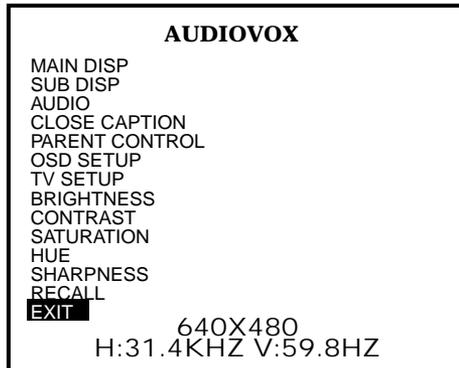
# Using the FP1520 as a Computer Monitor

Press the ⊙ button to highlight MAIN DISP and Press and release the Menu button.

Select VGA and Press and release the Menu button.

```
           AUDIOVOX
 MAIN DISP
 SUB DISP
 AUTOTUNE
 CONTRAST
 BRIGHTNESS
 AUDIO
 COLOR
 QUALITY
 POSITION
 OSD SETUP
 RECALL
 SAVE EXIT
 EXIT
           800X600
      H:53.6KHZ V:84.8HZ
```

➡

```
           AUDIOVOX
 VGA
 AVIDEO
 SVIDEO
 CATV
 TV
 RETURN



           800X600
      H:53.6KHZ V:84.8HZ
```
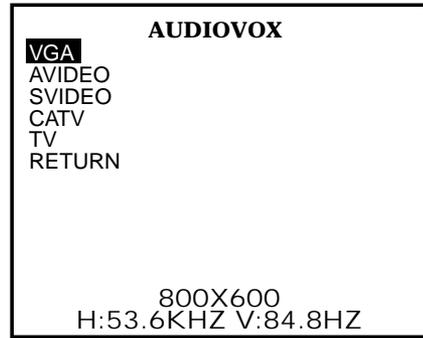
**NOTE :**

The CLOSE CAPTION and PARENT CONTROL options will not appear in the Main Menu until a TV program has been accessed using the SUB DISP menu.

**AUTO TUNE**

Automatically optimizes the VGA signal for viewing.

With the Main Menu displayed,use
the (▾) button to select AUTOTUNE

**AUDIOVOX**

MAIN DISP
SUB DISP
AUTOTUNE
CONTRAST
BRIGHTNESS
AUDIO
COLOR
QUALITY
POSITION
OSD SETUP
RECALL
SAVE EXIT
EXIT

**800X600**
**H:53.6KHZ V:84.8HZ**
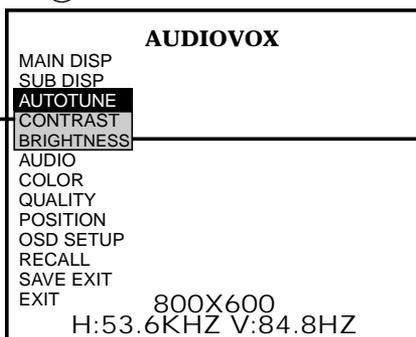
Then Press and release the Menu button
to display the following screen :
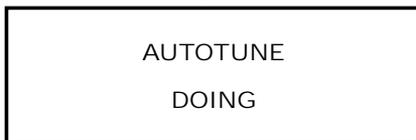
**AUTOTUNE**

**DOING**

**AUTOTUNE :**

Only worked when unit is connected to computer
and the screen will appear "DOING"

**CONTRAST**

Adjusts the image brightness in relation to the
background.

**CONTRAST**

**16**
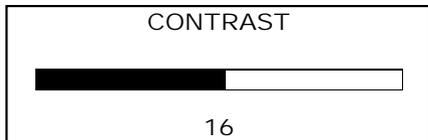
Press the (▴)(▾) button to adjust setting
then press Menu to return to the
previous menu.

**BRIGHTNESS**

Adjusts the overall image and background
screen brightness.
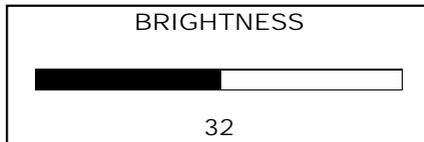
**BRIGHTNESS**

**32**

Press the (▴)(▾) button to adjust setting
then press Menu to return to the previous
menu.

With the Main Menu displayed, use the
⊙ button to selcet COLOR.

```
AUDIOVOX

MAIN DISP
SUB DISP
AUTOTUNE
CONTRAST
BRIGHTNESS
AUDIO
COLOR
QUALITY
POSITION
OSD SETUP
RECALL
SAVE EXIT
EXIT        800X600
      H:53.6KHZ V:84.8HZ
```
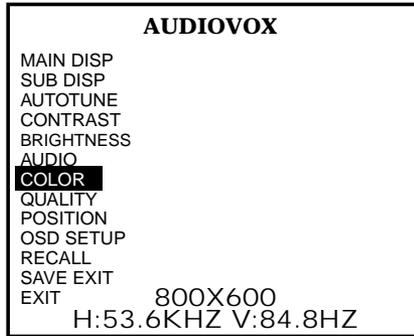
Press and release the Menu button to
display the COLOR Menu :
Then use the ⊙ button to select USER.

When USER is selected, Color can be manually
adjusted by selecting the following displayed
colors :

```
AUDIOVOX

9300
7500
6550
USER
RETURN



      800X600
 H:53.6KHZ V:84.8HZ
```

➡

```
AUDIOVOX

RED
GREEN
BLUE
RETURN




      800X600
 H:53.6KHZ V:84.8HZ
```
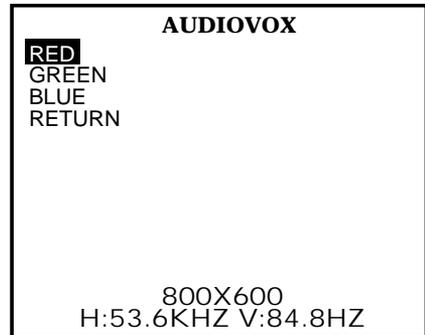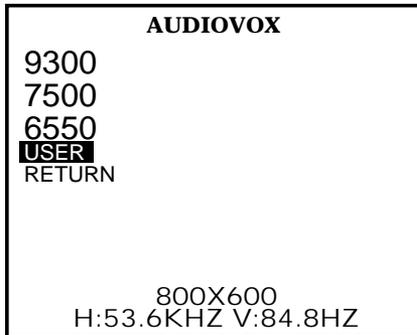
When RED is highlighted, pressing the Menu button will display the following screen :
Use the ⊙ and ⊙ buttons to adjust setting. Do this for each of the COLORS.

| RED | GREEN | BLUE |
|-----|-------|------|
| 39 | 39 | 39 |
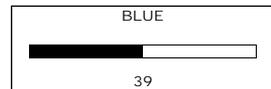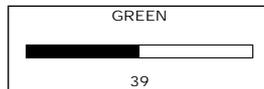
## COLOR - Color temperature

1. 9300 - If you are partial to choose the 9300 setting.
2. 7500 - The 7500 setting is less blue than 9300.
3. 6550 - The color temperature setting is standard.
4. USER - Increases or decreases Red, Green or Blue colors. Change in color will be reflected on
   the screen image.

## NOTE :

9300, 7500 and 6550 are Preset at the factory.

**ADV. TUNE**

With the Main Menu displayed, use the (▼) button to select QUALITY.

Then Press and release the Menu button to access the following screen ;

```
            AUDIOVOX
MAIN DISP
SUB DISP
AUTOTUNE
CONTRAST
BRIGHTNESS
AUDIO
COLOR
QUALITY
POSITION
OSD SETUP
RECALL
SAVE EXIT
EXIT          800X600
        H:53.6KHZ V:84.8HZ
```

```
            AUDIOVOX
ADV.   TUNE
SIZE
FOCUS
TEXT/GFX
SHARPNESS
RETURN


              800X600
        H:53.6KHZ V:84.8HZ
```
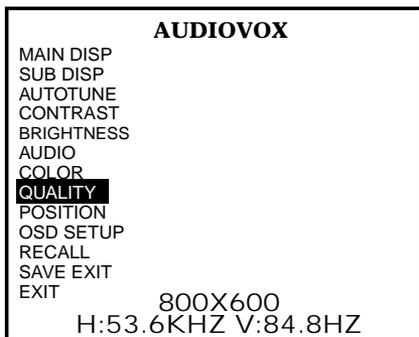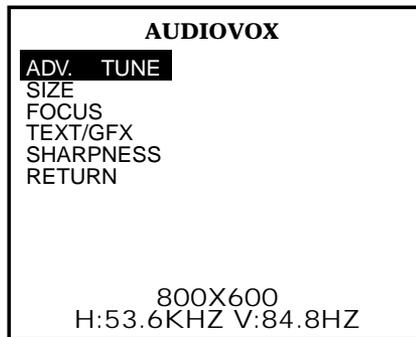
Adjust the picture FOCUS, SIZE and SHARPNESS.

```
        ADV.   TUNE

          DOING
```

```
            SIZE
[████████        ]
            50
```

```
          FOCUS
[█               ]
            8
```

```
          TEXT/GFX
    [TEXT]        GFX
```

```
        SHARPNESS
[████████        ]
            8
```
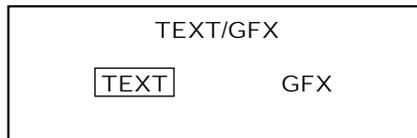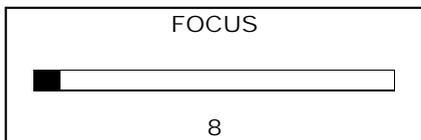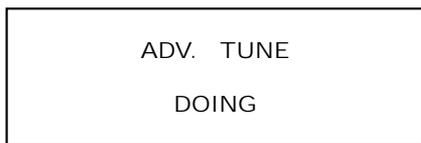
**QUALITY**

1. ADV. TUNE - Automatically adjusts image clarity and stability.

2. SIZE - Adjusts image size relative to the screen.

3. FOCUS - Controls image clarity.

4. TEXT/GFX - Adjusts text sharpness when PC is in DOS mode.

5. SHARPNESS - Adjusts image sharpness relative to the background.

# IMAGE POSITION

With the Main Menu displayed, use the (▾) button to select POSITION.

Then Press and release the Menu button to access the following screen :

**AUDIOVOX**

MAIN DISP
SUB DISP
AUTOTUNE
CONTRAST
BRIGHTNESS
AUDIO
COLOR
QUALITY
POSITION
OSD SETUP
RECALL
SAVE EXIT
EXIT
**800X600
H:53.6KHZ V:84.8HZ**

**AUDIOVOX**

IMAGE POS.
OSD POS.
SPEED EN.
SPEED ADJ.
RETURN.

**800X600
H:53.6KHZ V:84.8HZ**

**AUDIOVOX**

HORIZONTAL
VERTICAL
CENTER
RETURN

**800X600
H:53.6KHZ V:84.8HZ**
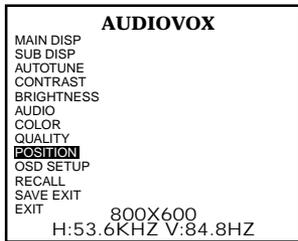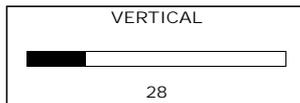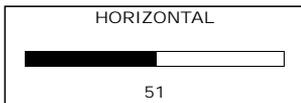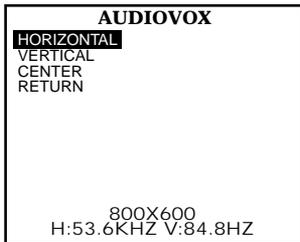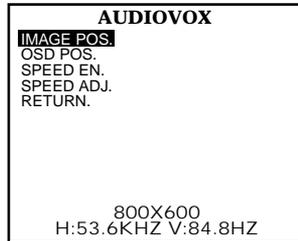
With SPEED EN highlighted, use the Menu button to access following screen :

**SPEED EN**

YES          NO

With SPEED ADJ highlighted, use the Menu button to access following screen :

**SPEED ADJ**

3

**HORIZONTAL**

51

**VERTICAL**

28
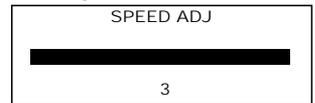
**POSITION**

1. IMAGE POS.
   a. HORIZONTAL - Adjusts the horizontal size by increasing or decreasing this setting.
   b. VERTICAL - Adjusts the vertical size by increasing or decreasing this setting.
   c. CENTER - Automatic adjusting image to center.
2. OSD POS.  You can choose where you would like the OSD control window to appear on your screen. Selecting OSD location allows you to manually adjust the position of the OSD control menu left, right, up or down.
   You can choose where you would like the OSD control window to appear in the center area on your screen.
3. SPEED EN.
   a. YES
   b. NO
4. SPEED ADJ.

**SAVE EXIT**

Saves your settings then exits main menu

With Main Menu displayed,use the ⊙ button to select SAVE EXIT

```
            AUDIOVOX
MAIN DISP
SUB DISP
AUTOTUNE
CONTRAST
BRIGHTNESS
AUDIO
COLOR
QUALITY
POSITION
OSD SETUP
RECALL
SAVE EXIT
EXIT        800X600
        H:53.6KHZ V:84.8HZ
```
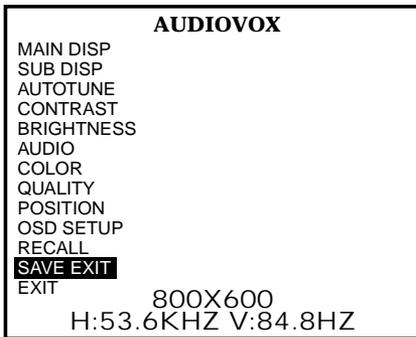
Then press and release the Menu button to save all settings and exit the Main Menu.

**EXIT :**

Changes will not be saved.

Use the ⊙ button to select EXIT

```
            AUDIOVOX
MAIN DISP
SUB DISP
AUTOTUNE
CONTRAST
BRIGHTNESS
AUDIO
COLOR
QUALITY
POSITION
OSD SETUP
RECALL
SAVE EXIT
EXIT        800X600
        H:53.6KHZ V:84.8HZ
```
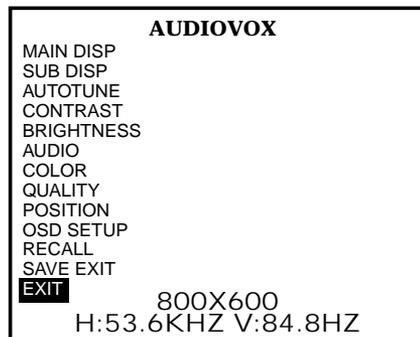
Then Press and release the Menu button to exit the Main Menu.

# Reference

## Display Modes

| Mode | Resolution | Horizontal frequency(KHZ) | Vertical frequency(HZ) |
|------|------------|---------------------------|------------------------|
| 1 | 640 × 350 | 31.47 | 70 |
| 2 | 720 × 400 | 31.47 | 70 |
| 3 | 640 × 480 | 31.47 | 60 |
| 4 | 640 × 480 | 37.86 | 72 |
| 5 | 640 × 480 | 37.5 | 75 |
| 6 | 800 × 600 | 35.16 | 56.3 |
| 7 | 800 × 600 | 37.88 | 60.3 |
| 8 | 800 × 600 | 48.08 | 72.2 |
| 9 | 800 × 600 | 46.87 | 75 |
| 10 | 1024 × 768 | 48.36 | 60 |
| 11 | 1024 × 768 | 56.47 | 70 |
| 12 | 1024 × 768 | 60 | 75 |
| 13 | 640 × 480 | 35 | 66.7 |
| 14 | 832 × 624 | 49.7 | 74.55 |
| 15 | 1024 × 768 | 48.78 | 60 |
| 16 | 1024 × 768 | 60.241 | 74.927 |

## LCD Monitor Display Angle

**Vertical : Left 30° /Right 30°**
**Horizontal : Up 30° /Down 5°**
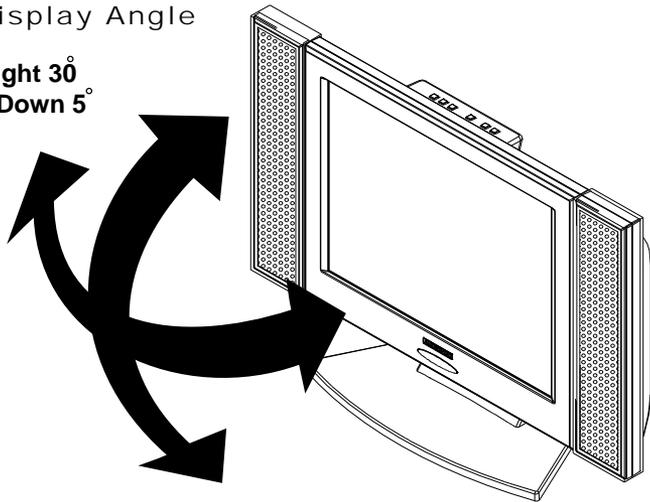
# AUDIOVOX®
# ELECTRONICS CORP.

## Troubleshooting

[ Before calling our serviceman, please refer to the following chart to see if you can adjust the problems yourself. ]

| Trouble | Checks and Adjustments |
| --- | --- |
| TV will not turn on | ■ Plug TV in. |
| | ■ Plug something else into the outlet to make sure it is working. |
| | ■ Make sure batteries in the remote are not dead. |
| | ■ Make sure batteries are placed in the remote the right way. |
| | ■ Unplug TV for a few minutes and then turn it on again. |
| Poor sound or no sound | ■ Check volume settings and mute settings |
| | ■ Check for possible interference sources |
| Blur picture or no picture | ■ Check antenna or TV cable |
| | ■ Check for possible outside interferences |
| | ■ Check picture settings |
| Some channels are not clear | ■ Check outdoor antenna and make necessary adjustments |
| | ■ Check possible outside interferences |
| Poor Color tone or No color | ■ Check memory settings |
| | ■ Check Color settings |
| | ■ Check if program is in correct channel |
| | ■ Check antenna and cable connections |
| | ■ Check possible outside interferences |
| No reception from Cable | ■ Check if cable is connected properly |
| | ■ Check if channels are selected properly |
| Channels above 13 cannot receive | ■ Check if cable company are experiencing technical problems |
| | ■ Check TV channel settings (CATV/TV) are set properly( page 20) |
| | ■ Check antenna and UHF settings |
| Unable to operate remote | ■ Check for low batteries or possible obstructions between remote and TV sensor |
| | ■ Check TV main power source |
| TV shut off | ■ Electric power failure |
| | ■ Preset sleep mode features are on |
| | ■ TV programs ended |

# AUDIOVOX®
## ELECTRONICS CORP.

## Troubleshooting

### Interference

[ Please note the following common TV reception interferences: ]

#### Ignition effect

Black spots or vertical lines may appear. Screen jumps crazily or is very unstable. This is commonly the result of car ignition system interference, neon lights, or other forms of electrical interferences.

#### Ghost Shadows

This is the result of two signals : One being the original signal from the antenna while the 2nd signal is a slightly delayed signal, normally the result of bouncing off tall buildings or other obstructions. This problem might be corrected by adjusting your outdoor antenna.

#### Flurries

Lots of tiny dots appears on your screen. This is the result of poor reception signals. You may have to re-enforce your antenna signals.

★note: If interferences occur while you are using a cable system, then the problem could be at the cable source and not from your TV reception.

# AUDIOVOX® ELECTRONICS CORP.

## Troubleshooting

You may have problems that can be fixed with a few minor adjustments. Look for the type of problem you are having below and then apply the suggestions to get your TV going again.

### Picture with no sound

■ Check if you have accidentally pressed the "mute" button
■ Check other channels if the same problem exist. If other channels are fine, then problem is with the TV program you are viewing. This shouldn't be a concern
■ Verify all connections are firmly attached
■ Connect cable to another TV
■ If all checks fail, please contact our serviceman
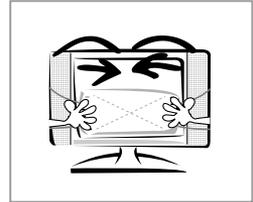
### Sound with no picture

■ Check if main power is switched on
■ Check brightness and contrast level to see if they have been tuned to the minimum level thus making the screen dark
■ Unplug the cable and re-plug it in after two minutes
■ Check if you have accidentally pressed the "mute" button
■ Connect cable to another TV
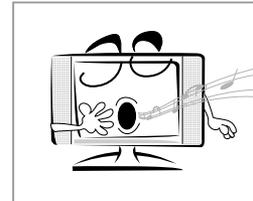
### No Picture No Sound

■ Check main power source
■ Check other TV channels. If they are okay, problem is just with the TV program you are viewing
■ Press the **MENU** button on the remote or on the top of the unit to get into the main display and reselect display option
■ If you are using outdoor antenna, please check your connections are firmly attached.
■ Please check if your power cord is connected properly, it may be loose
■ Switch off main power, disconnect cable. Reconnect cable after two minutes rest then switch on the main power
■ Check if the antenna or cable are well connected
■ Check your Remote Control
■ Check power adapter and power cord if they have been damaged
■ Connect cable to another TV
■ If all fails, please contact with serviceman immediately

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## ELECTRONICS CORP.
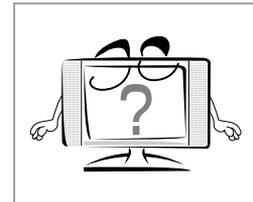
## Troubleshooting

### Picture too dark

■ Check your brightness level
■ Check your contrast level
■ In the on screen display (OSD) select RECALL
■ Check your LCD monitor for possible demage
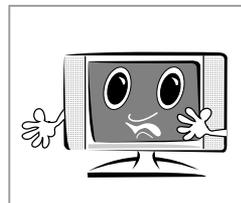
### Remote Control Failure

■ Check TV main power source
■ Check if remote control batteries are weak
■ Check if batteries have been correctly installed
■ Check if there are obstructions between your remote control
   and the main TV remote sensor
■ Disconnect your cable for two minutes before reinstalling it
■ If failure resulted from electrical interferences, lighting or
   static, disconnect the TV main powerfor 10 seconds before
   reinstalling it. Restart your TV
■ Try holding remote 2 inches from sensor
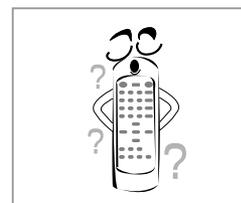
### Picture is blurry

■ Check other channels. Problem may be an isolated incidence
■ If using outdoor antenna, please check connections
■ Please check your accessories. Such as Video recorder,
   VCR, DVD player.
■ Check your cable company or outdoor antenna reception
■ RF signal may be too slow
■ If all fails, please contact our serviceman immediately

# AUDIOVOX®
## ELECTRONICS CORP.

**Note**

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## Customer Record:

This Model number and serial number of this product can be found on its rear panel.
You should note this serial number in the space provided below and retain this book, plus your purchase receipt, as a permanent record of your purchase to aid in identification in the event of theft or loss, and Warranty Service purpose.

Model Number:    FP1520          Serial Number: _____

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Audiovox Electronics Corporation
150 Marcus Blve
Hauppauge, NY 11788
1-800-651-4994

For Customer Service
Visit Our Website At
**www.audiovox.com**
Product Information, Photos,
FAQ's, Owner's Manuals

# Product Specifications:

## Audiovox Model Number: FP1520

| Monitor Display Specifications: | |
|---|---|
| Screen Size | 15" (Viewable) |
| Aspect Ratio | 4:3 aspect |
| Resolution | 1024x768 |
| Pixel pitch | 0.29mm x 0.29mm |
| Total Display Colors | 16.7 million true color display |
| Viewing Angle | |
| Contrast Ratio | 500:1 (typ) |
| Brightness (cd/¢T) | 450 cd/¢T(typ) |
| Backlight Lamp Life | 50,000 hrs min |
| **Connection Interfaces:** | |
| RF (Coax) | |
| S-Video | |
| A/V Input | |
| Headphone Jack | |
| VGA (15 pin D-sub) | |
| **Convenience Specifications:** | |
| Total Watt output | 5Wx2 |
| Number of Speakers | |
| Parental Control with V-Chip | |
| Closed Caption (CC) | |
| 181 Channel Cable ready | |
| NTSC Cable Standard | |
| Plug & Play for VGA | |
| Remote Control Type | Model specific |
| **Licensing:** | |
| FCC (Part 15) | YES |
| UL | YES |
| cUL | YES |
| **Mechanical Dimensions:** | |
| W x H x D (W/Stand) | 20.1" (511mm) x 14.1" (360mm) x 7.1" (182.5mm) |
| W x H x D (W/o Stand) | 20.1" (511mm) x 12" (305.5mm) x 2.2" (58mm) |
| Weight (W/o Power transformer) | 11.4LB |
| **Power usage:** | |
| AC Power Source | 110 - 240V ~1.8A, 50  -60Hz |
| Power Input | DC12V 3.0A 36W |

# AUDIOVOX ELECTRONICS CORP.

## 90 DAY LIMITED WARRANTY
### Applies to Audiovox Video Products

AUDIOVOX ELECTRONICS CORPORATION (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 90 days from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product ( at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the term of this Warranty, the products is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, discs, speakers, accessories, or electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company , has suffered or been damaged through alteration, improper installation, mishanding, misuse, neglect, accident, or by removal or defacement of the factory serial number / bar code lable(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT , SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACHY OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 30 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other thatn expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of llimitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

U.S.A.: AUDIOVOX ELECTRONICS CORPORA TION, 150 MARCUS BLVD.,HAUPPAUGE, NEW YORK 1 1788 ● 1-800-645-4994
CANADA: CALL 1-800-645-4994 FOR LOCATION OF WARRANTY STATION SERVING YOUR AREA

128-5556D