



Instruction Manual

*LM-1511R and LM-1911R
LCD Color Monitor*

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1.0 INTRODUCTION

Thanks for purchasing this LM-1711R or LM-1911R LCD Monitor from TV One. The LM-1511R and LM-1911R LCD Monitors are designed to provide superior image displays under a variety of conditions and operate as either rack mount or desk top devices. Our professional video conversion products have been serving the industry for over twenty years. TV One offers a full line of high quality Video Scalers, Scan Converters, Analog-Digital (DV, SDI, DVI) Converters, Standards Converters, Digital Video Recorders, Frame Synchronizers, Time Base Correctors, LCD Monitors, Matrix Routing Switchers and Distribution Amplifiers.

1.1 Liability Statement

Every effort has been made to ensure that this product is free of errors. TV One cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user of the hardware to check that it is suitable for his/her requirements and that it is installed correctly. All rights reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

TV One reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way.

All third party trademarks and copyrights are recognised. The TV One logo, TV One-task and CORIO are the registered Trademarks of TV One. All other trademarks are the property of their respective holders.

1.2 FEATURES

The LM-1511R and LM-1911R Color LCD Monitors have many features that enable them to perform in a superior manner. Among those features you will find:

- TFT LCD Screen
- High Resolution Computer Images Support
- Stereo PC Audio Input
- 2 Composite Video Inputs with Looping Outputs
- S-Video Input
- Stereo Line Audio In/Out
- VESA Standard Wall and Arm Mountable
- Built-In Stereo Speakers

2.0 IMPORTANT SAFETY INSTRUCTIONS

To insure the best from this product, please read this manual carefully. Keep it in a safe place for future reference.

To reduce the risk of electric shock, do not remove the cover from the unit. No user serviceable parts inside. Refer servicing to qualified personnel.

2.1 POWER AND CONNECTIONS

This unit is not disconnected from the AC power source as long as it is connected to the wall outlet. The off state for this unit is called standby mode. In standby mode the unit is designed to consume a reduced quantity of power compared to normal operating modes.

When not using the unit for a long period of time, insure that the AC power cord is disconnected from the wall outlet.

The AC wall outlet should be installed near to the unit and be easily accessible.

Do not plug in or attempt to operate an obviously damaged unit.

2.2 WATER AND MOISTURE

To reduce the risk of fire, do not expose the unit to rain, water or excessive moisture.

2.3 GENERAL CARE

Do not force switches or external connections.

When moving the unit, disconnect the serial port connections first then the power cable and finally the interconnecting cables to other devices.

Do not attempt to clean the unit with chemical solvents or aerosol cleaners, as this may damage the unit. Use a clean dry cloth.

2.4 LOCATION

Installation of this unit should be in a cool dry place, away from sources of excessive heat, vibration, dust, moisture and cold.

2.5 VENTILATION

Slots and openings in the sides of the unit are provided for ventilation. To insure reliable operation, avoid obstruction of these openings and insure the unit is installed in a well-ventilated area.

3.0 INTELLECTUAL PROPERTY

Some IC chips in this product include confidential and/or trade secret property. Therefore you may not copy, modify, adapt, translate, distribute, reverse engineer, reverse assemble, or decompile the contents thereof.

2.0 IMPORTANT: CONSIGNES DE SECURITE

Afin de tirer le meilleur de ce produit, merci de lire attentivement ce manuel. Gardez-le dans un endroit sûr pour pouvoir le consulter à nouveau.

Afin de réduire le risque de choc électrique, ne retirez pas l'unité de sa protection.

Aucune pièce réparable par l'utilisateur à l'intérieur. Référez-vous à des personnes qualifiées.

2.1 ALIMENTATION ELECTRIQUE ET CONNEXIONS

Cette unité n'est pas déconnectée de la source de courant électrique tant qu'elle est connectée à la prise murale. Le mode éteint de cette unité est appelé mode de veille. En mode de veille, cette unité est conçue pour consommer une quantité réduite de courant par rapport aux modes normaux d'utilisation.

Lorsque vous n'utilisez pas l'unité pendant une longue période, assurez-vous que le câble d'alimentation électrique est déconnecté de la prise murale.

La prise murale de courant doit être installée près de l'unité et aisément accessible.

Ne branchez pas et n'essayez pas d'utiliser une unité visiblement endommagée.

2.2 EAU ET HUMIDITE

Afin de réduire le risque d'incendie n'exposez pas l'unité à la pluie, l'eau ou à une humidité excessive.

2.3 ENTRETIEN GENERAL

Ne forcez pas les boutons ou connexions externes.

Lorsque vous déplacez l'unité, déconnectez d'abord les connexions de ports en série puis le câble d'alimentation et enfin les câbles de connexion avec d'autres appareils.

N'essayez pas de nettoyer l'unité avec des dissolvants chimiques ou des produits nettoyants en aérosol, car cela peut endommager l'unité. Utilisez un chiffon propre et sec.

2.4 EMPLACEMENT

L'installation de cette unité doit se faire dans un endroit frais et sec, éloigné de sources excessives de chaleur, de vibrations, de poussière, d'humidité et de froid.

2.5 AERATION

Les rainures et les ouvertures sur les cotés de l'unité servent à l'aérer. Pour permettre une utilisation sûre, évitez d'obstruer ces ouvertures et assurez-vous que l'unité est installée dans un endroit bien aéré.

3.0 PROPRIETE INTELLECTUELLE

Certaines puces IC dans ce produit contiennent des éléments propriétaires confidentiels et/ou des secrets commerciaux. Vous ne devez donc pas copier, modifier, adapter, traduire, distribuer, démonter, désassembler, ou décomposer leur contenu.

2.0 INSTRUCCIONES IMPORTANTES DE SEGURIDAD

Para sacar el mejor provecho de este producto, léase este manual con detenimiento. Guárdelo en un lugar seguro para poder hacerle referencia en el futuro.

Para reducir el riesgo de calambre, no quite la cubierta del aparato.

No hay piezas utilizables dentro. Remítase todo mantenimiento a personal cualificado.

2.1 CORRIENTE Y CONEXIONES

Mientras esté conectada a una toma de electricidad, el aparato seguirá conectado a la fuente de corriente CA. A la posición de «off» de este aparato se le denomina posición de espera. En la posición de espera, el aparato está diseñado a consumir una cantidad reducida de electricidad en comparación con los modos de operación normales.

Asegúrese de desconectar el cable de corriente CA de la toma de la pared cuando no va a utilizar el aparato por un periodo largo de tiempo.

La toma CA de la pared ha de estar instalada cerca del aparato y debe ser fácilmente accesible.

No enchufe ni intente operar un aparato que esté evidentemente dañado.

2.2 AGUA Y HUMEDAD

Para reducir el riesgo de incendio no exponga el aparato a la lluvia, el agua o la humedad excesiva.

2.3 CUIDADO GENERAL

No forzar interruptores o conexiones externas.

Al mover el aparato, desconecte las conexiones del puerto en serie primero, luego el cable de electricidad y finalmente los cables interconectados a otros aparatos.

No intente limpiar el aparato con disolventes químicos o productos de limpieza aerosol, ya que podrían dañar el aparato. Utiliza un paño limpio y seco.

2.4 UBICACIÓN

Este aparato se debe instalar en un lugar seco y fresco, lejos de fuentes de calor excesivas, la vibración, el polvo, la humedad y el frío.

2.5 VENTILACIÓN

El aparato viene provisto de ranuras y agujeros en los lados para la ventilación.

Para asegurar una operación eficaz, se debe evitar la obstrucción de estos agujeros y también asegurar que el aparato se instale en una zona con adecuada ventilación.

3.0 PROPIEDAD INTELECTUAL

Algunos chips con circuito integrado de este producto incluyen propiedad confidencial y/o propiedad de secreto comercial. Por lo tanto queda prohibido copiar, modificar, adaptar, traducir, distribuir, usar técnicas retroactivas, desmontar, o recopilar los contenidos del mismo.

2.0 WICHTIGE SICHERHEITSVORSCHRIFTEN

Lesen Sie diese Bedienungsanleitung bitte sorgfältig, um Ihr Produkt optimal nutzen zu können, und bewahren Sie sie zum späteren Nachschlagen an einem sicheren Ort auf.

Entfernen Sie bitte keinesfalls die Abdeckung, um der Gefahr eines Stromschlags vorzubeugen.

Im Inneren des Geräts befinden sich keine Teile, die vom Benutzer gewartet werden können. Lassen Sie Wartungsarbeiten nur von Fachpersonal durchführen.

2.1 STROMVERSORGUNG UND ANSCHLÜSSE

Solange das Gerät mit einer Steckdose verbunden ist, bleibt die Stromversorgung aufrecht. Der Ausschaltzustand des Geräts wird als Standbymodus bezeichnet. Im Standbymodus verbraucht das Gerät weniger Strom als in den üblichen Betriebsarten.

Wird das Gerät über einen längeren Zeitraum hinweg nicht verwendet, ziehen Sie bitte das Stromkabel aus der Steckdose.

Die Steckdose sollte sich in der Nähe des Geräts befinden und leicht zugänglich sein.

Verbinden Sie ein offensichtlich beschädigtes Gerät keinesfalls mit einer Steckdose und versuchen Sie auch nicht, es zu bedienen.

2.2 WASSER UND FEUCHTIGKEIT

Setzen Sie das Gerät weder Regen, Wasser noch übermäßiger Feuchtigkeit aus, um der Gefahr eines Brandes vorzubeugen.

2.3 ALLGEMEINE PFLEGE

Wenden Sie bei der Handhabung von Schaltern und Anschlüssen keine Gewalt an.

Beim Umstellen des Geräts entfernen Sie zuerst die seriellen Anschlüsse, dann das Stromkabel und zum Schluss die Verbindungskabel zu anderen Geräten.

Versuchen Sie keinesfalls, das Gerät mit chemischen Lösungsmitteln oder Sprayreinigern zu reinigen, da dies das Gerät beschädigen könnte. Verwenden Sie ein sauberes, trockenes Tuch.

2.4 AUFSTELLUNG

Das Gerät sollte an einem kühlen, trockenen Ort aufgestellt werden, fern von übermäßiger Wärme, Vibrationen, Staub, Feuchtigkeit und Kälte.

2.5 BELÜFTUNG

Seitliche Schlitze und Öffnungen sorgen für die Belüftung des Geräts. Um die ordnungsgemäße Belüftung zu gewährleisten, dürfen diese Öffnungen nicht verdeckt werden. Sorgen Sie außerdem dafür, dass das Gerät an einem gut belüfteten Ort aufgestellt wird.

3.0 GEWERBLICHES EIGENTUM

Einige integrierte Schaltkreise in diesem Produkt enthalten vertrauliche

Informationen und/oder Betriebsgeheimnisse. Sie dürfen daher diese Inhalte nicht kopieren, modifizieren, adaptieren, übersetzen, verteilen, rückentwickeln, rückassemblieren oder dekompilieren.

2.0 BELANGRIJKE VEILIGHEIDSINSTRUCTIES

Lees deze handleiding zorgvuldig door om het beste uit uw product te halen. Bewaar het op een veilige plek voor raadpleging in de toekomst.

Haal nooit het omhulsel van de eenheid af, dit om de kans op een elektrische schok te verminderen. Maak het apparaat nooit open: er bevinden zich geen door de gebruiker in te stellen onderdelen in het apparaat. Laat service en onderhoud over aan een gekwalificeerde technicus.

2.1 ELEKTRICITEIT EN AANSLUITING

Deze eenheid is niet van de wisselstroom voedingsbron gescheiden wanneer de stekker nog in het stopcontact zit. Wanneer de eenheid uitstaat, staat deze nog in de stand-by modus. In de stand-by modus vergt de eenheid minder stroom dan in de normale "aan" modus.

Wanneer u de eenheid voor langere tijd niet gebruikt, zorg er dan voor dat de stekker van het wisselstroomsnoer uit het stopcontact is getrokken.

Het wisselstroom stopcontact moet dichtbij de eenheid geïnstalleerd worden en makkelijk toegankelijk zijn.

Als de eenheid duidelijk beschadigd is moet u deze nooit op het lichtnet aansluiten of bedienen.

2.2 WATER EN VOCHTIGHEID

Zorg ervoor dat de eenheid niet aan regen, water of extreme vochtigheid wordt blootgesteld, dit om brand te voorkomen.

2.3 ALGEMEEN ONDERHOUD

Forceer schakelaars of externe aansluitingen nooit.

Bij verplaatsing van de eenheid, de seriële poortaansluitingen eerst loskoppelen, dan de voedingskabel en als laatste de snoeren naar andere apparaten. Probeer de eenheid nooit met chemische oplosmiddelen of schoonmaakmiddelen in een spuitbus schoon te maken, omdat dit de eenheid kan beschadigen. Gebruik een schone droge doek.

2.4 PLAATSING

Deze eenheid moet geïnstalleerd worden op een koele droge plaats, uit de buurt van bronnen van extreme hitte, vibraties, stof, vocht en kou.

2.5 VENTILATIE

De sleuven en openingen aan de zijkant van de eenheid zijn voor ventilatie. Zorg er voor dat de eenheid op een goed geventileerde plek geïnstalleerd wordt zodat deze betrouwbaar werkt.

3.0 INTELLECTUEEL EIGENDOM

Sommige IC chips in dit product bevatten vertrouwelijke informatie en/of fabrieksgeheimen. U mag daarom de inhoud hiervan niet kopiëren, wijzigen, aanpassen, vertalen, verspreiden, nabouwen, of decompileren.

4.0 SPECIFICATIONS

	LM-1911R	LM-1511R
LCD Panel		
Display Size - Diagonal	19" (48.2cm)	15" (38.1cm)
Panel Resolution	1280x1024	1024x768
Contrast Ratio	500:1	450:1
Brightness	250 cd/m2	330 cd/m2
Left/Right View Angle	160°	130°
Up/Down View Angle	160°	100°
PC Input Range	SXGA	XGA
Maximum Resolution	1280x1024	1024x768
Vertical Freq Range	60~75Hz	56~75Hz
Horizontal Freq Range	31.5-80KHz	31.5-80KHz
Video Input Range	NTSC/PAL	NTSC/PAL
Vertical Frequency	60Hz/50Hz	60Hz/50Hz
Horizontal Frequency	15.75KHz/15.625KHz	15.75KHz/15.625KHz
Inputs		
Composite Video	2x via Looping BNC Connectors	
S-Video	1x via 4-Pin Mini-DIN Connector	
Stereo Audio	2x via 2 RCA Connectors (R/L)	
Computer	1x via HD-15 Female	
Computer Stereo Audio	1x via 3.5mm Mini-Stereo Jack	
General		
Aspect Ratio	4:3	
Display Element	Active Matrix TFT	
Video Adjustments	Brightness, Contrast, Color, Hue	
Speakers	Internal – Right & Left Channel	
TV Standards	NTSC/ PAL/SECAM Auto-detect	
Front Panel Controls		
Left, Right Buttons	Menu Navigation and Control	
Audio Volume	Decrease/Increase	
Source Select Button	Toggle thru inputs	
Power Button	On/Off Switch	
Limited Warranty		
Unit, except LCD Panel	1 Year Parts and Labor	
LCD Panel	Panel Manufacturer's Terms	
Mechanical – In Rackmount		
LM-1911R Size (H-W-D)	15.75"x19"x2.5" (400x482x65mm)	
Weight (Net)	14.2 lbs (6.5 kg)	
Rackmount	9RU - Tilt Up/Down	
LM-1511R Size (H-W-D)	12.25"x19"x2.3" (311x482x59mm)	
Weight (Net)	11.6 lbs (5.3 kg)	
Rackmount	7 RU - Tilt Up/Down	
Mechanical – Without Rackmount		
LM-1911R Size (H-W-D)	15.7"x16.7"x2.5"(424x404x65mm)	
Weight (Net)	13.6 lbs (6.6 kg)	
Wall Mount	VESA Standard	
LM-1511R Size (H-W-D)	11.2"x14.9"x2.3"(284x380x59mm)	
Weight (Net)	10.8 lbs (4.9 kg)	
Wall Mount	VESA Standard	
Environmental		
Operating Temperature	+14° to +140° F (-10° to +60° C)	
Operating Humidity	Up to 80%, Non-condensing	
Storage Temperature	-29° to +158° F (-20° to +70° C)	
Storage Humidity	Up to 80%, Non-condensing	
Power Requirement		
Internal Power Supply	86-256 Volts AC, 50~60Hz	
Regulatory Approvals		
Monitors	UL, FCC, CE	
Accessories Included		
1x Operations Manual		
1x Rackmount Ears, 8x Rackmount Screws	Note: Rackmount Ears Provide Up/Down Tilting	

5.0 CHECKING PACKAGE CONTENTS

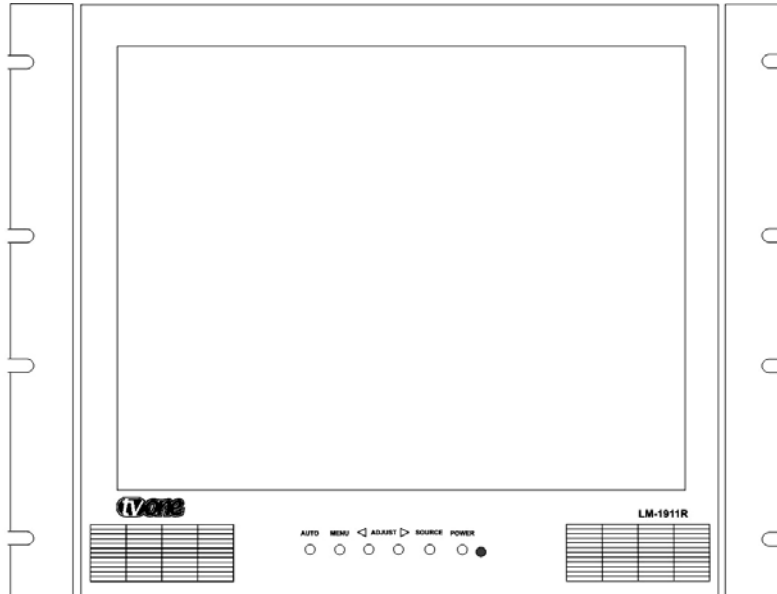
Before attempting to use this unit, please check the packaging and make certain the following items are contained in the shipping carton:

- LM-1511R or LM-1911R LCD Color Monitor
- 1x Set of Rack Mount Ears
- 8x Rack Mount Screws
- 1x Instruction Manual

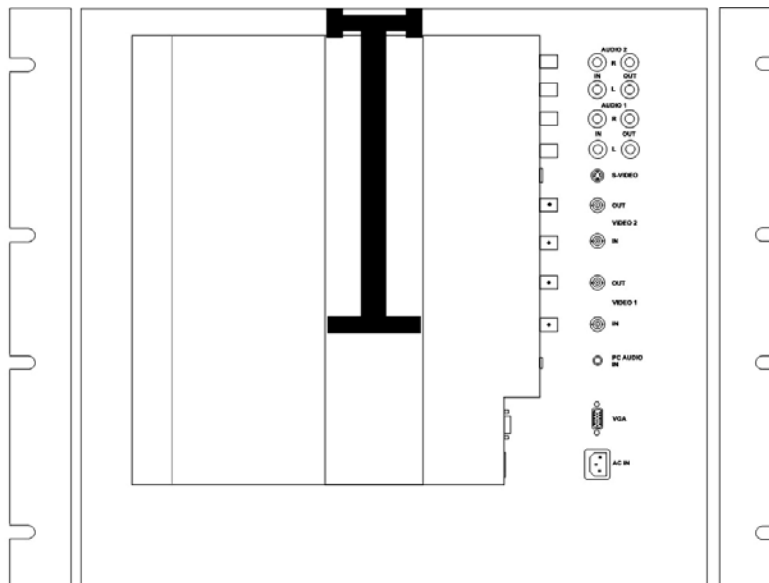
Note: Please retain the original packing material should the need ever arise to return the unit. If you find any items are missing, contact your reseller or TV One immediately. Have the Model Number, Serial Number and Invoice available for reference when you call.

6.0 CONNECTING THE HARDWARE

Please study the panel drawings below and become familiar with the signal input, outputs, power requirements/inputs plus any controls present.



Monitor Front Panel



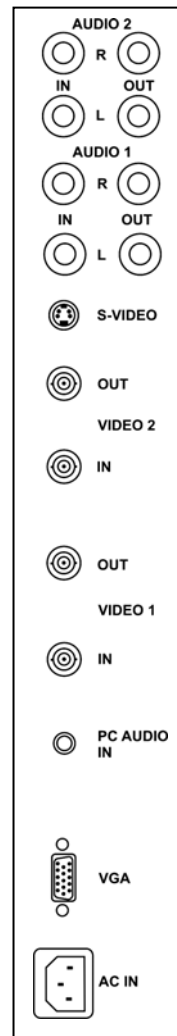
Monitor Rear Panel

Mount the monitor in a rack or extend the unit's rear support arm for desktop operation. Use care with the support arm since small angles between the rear of the monitor and the support arm could result in the monitor falling forward onto its face resulting in possible damage.

Allow a heat dissipation area behind the monitor so that the normal operating heat from the LCD displays internal lighting system can be vented to the atmosphere.

After taking the above steps, refer to the drawing at the right and connect the AC lead plus the appropriate input cables to the unit using the drawing as a guide.

Use only high quality signal cables to produce the best images and remember that the longer the cable runs the more degradation of the signal.

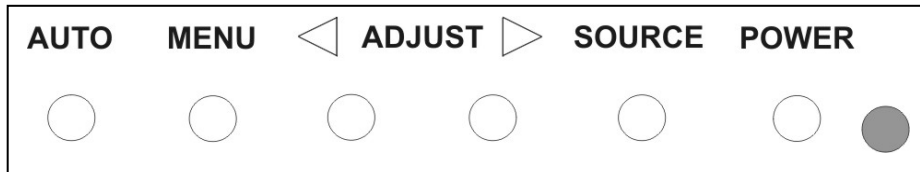


Warning: If the supplied AC cable is incorrect for your country, contact TV One immediately for a replacement. Do Not Attempt to Use An Incorrect AC Cable.

7.0 OPERATING THE UNIT

The LM-1511R and LM-1911R monitors are operated using front panel controls and an On Screen Display (OSD).

The controls consist of a group of six buttons located on the lower center of the front panel. Please refer to illustration below and the discussion that follows.



Power Switch: Pressing the button labeled 'POWER' will cause the LED at the extreme right of the control panel to change color from Red to Green and power will be applied to the monitor's circuitry. Pressing the button again will cause the LED to glow with a Red color and the power will be removed from the Monitor's circuitry.

Warning: As long as the AC lead is plugged in, potentially lethal voltage is present inside the unit. Never attempt to disassemble the unit while power is applied.

Source Switch: Pressing the button labeled 'SOURCE' will step the inputs through all possible signal input selections. Repeatedly press the button until you arrive the desired input.

Auto Switch: Pressing the button labeled 'AUTO' will cause the monitor to optimize the picture any time a VGA source is present and selected. This function is only used when VGA video is the selected signal.

Menu Switch: Pressing the 'MENU' button will cause one of several OSD menus to appear. When an OSD Menu is active, the two adjust buttons become the controls for selecting individual functions on the OSD and also are used to adjust functions once they are selected.

Operationally, the Menu button is pressed and a menu item is selected by using the adjust buttons (arrow keys) to move a cursor until it is over the desired menu item. Once the cursor is over the menu item you want, pressing the Menu button again selects the item. The adjust buttons are then used to make an adjustment or turn a function on or off as appropriate.

There are several menus to choose from but the method of accessing and changing menu items is always the same: Press the Menu button to begin the selection process, move the cursor using the adjust buttons, press the menu

button again to select the desired activity or sub menu. Once you are at the desired menu item, use the adjust buttons to make the adjustment.

When you are through making adjustments, press the menu key again and move the cursor to the Exit selection. Press the menu button to select 'Exit'.

Adjust Switches: Adjust Switches (Adjust Buttons) are used to set the audio volume level anytime the OSD is inactive. When the Menu button is pressed, the adjust buttons function as described above.

7.1 Menu Structure

There are two levels of menus: One high level menu and three sub-menus.

The high level menu is accessed by pressing the Menu button causing the following OSD to appear:

General Setup
Video Setup
VGA Setup
Exit

Use the Adjust buttons to position the cursor over the sub-menu you wish to access and then press the Menu button again to select the sub-menu. Functions present for each sub-menu are as follows:

General Setup: Power Latching, Power Auto On, Key Lock, Language, Back Light, Display, Video Loss Setup, V-Loss Sleep Time, Volume and Exit.

Video Setup: Video Brightness, Contrast, Color, Tint, Sharpness, Video System, Scan Mode, Color Temperature, Default and Exit.

VGA Setup: VGA Signal Auto, Brightness, Contrast, Color Temperature, White Balance, H-Position, V-Position, Clock, Phase, Default and Exit.

Exit: Exit the OSD function.

7.2 General Setup

Selecting the 'General Setup' function causes the following sub-menu to appear:

Power Latching	ON
Power Auto On	NONE
Key Lock	OFF
Language	ENGLISH
Backlight	50
Display	ON
Video Loss Setup	ON
V-Loss Sleep Time	5
Volume	15
Exit	

Power Latching: memorizes power status at power off. (On=Enable, Off=Disable)

Power Auto On: Sets video input upon turn on (AV1, AV2, S-Video, VGA, None.)

Key Lock: Locks Out OSD Function (On=Enabled, Off=Disabled. Press and hold both Adjust Buttons for 5 Seconds to remove Key Lock).

Language: Selects English, Spanish or French.

Backlight: Allows adjustment of LCD backlight value.

Display: Show/Hide Input Title (On=Show Title, Off=Hide Title).

Video Loss Setup: Lowers Luminance Value during no input signal condition.

V-Loss Sleep Time: Adjusts delay from when signal is lost to when monitor goes dark.

Volume: Sets default setting for internal speaker audio level.

Exit: Exit this OSD menu display.

As previously explained, pressing the Menu button begins the selection process. Move the cursor using the adjust buttons and then press the menu button to select the desired sub-menu. Once in the sub-menu, use the adjust buttons to move to the desired activity and press the Menu button to select the individual function you wish to change or adjust then use the adjust buttons to actually make the change or adjustment. When you are through making adjustments, press the menu key again and move the cursor to the Exit selection. Press the menu button a final time to select 'Exit'.

There are two more sub-menus to explore, Video Setup and VGA Setup. Navigation procedures are the same as explained for the General Setup sub-menu. Use the Menu button and Adjust Buttons in the same manner for all changes or parameter adjustments.

7.3 Video Setup

Brightness	68
Contrast	23
Color	22
Tint	50
Sharpness	80
Video System	NTSC
Scan Mode	Large
Color Temp	6500
Default	
Exit	

Brightness: Adjusts the luminance component of the picture.

Contrast: Adjust the contrast level between the light and dark areas of picture.

Color: Adjusts the amount of color present in the picture.

Tint: Adjusts the faithfulness of color reproduction. (NTSC Only).

Sharpness: Adjusts how 'crisp' the picture appears to the viewer.

Video System: Selects NTSC or PAL world television standard.

Scan Mode: Selects a magnified or undersize video image.

Color Temperature: Selects either 6500 or 9300 degree K display.

Default: Restores Factory Defaults to the Video parameter settings.

Exit: Exits this OSD menu display.

7.4 VGA Setup

Auto	
Brightness	50
Contrast	100
Color Temp	9300
White Balance	
H-Position	54
V-Position	50
Clock	50
Phase	64
Default	
Exit	

VGA Setup is similar to Video Setup with the exception is only applies to signals coming from a Personal Computer's (PC) VGA port. The details of these signal parameters are explained on the following page.

Auto: Auto-optimizes the picture for best reproduction of the input signal.
Brightness: Adjusts the luminance component of the picture.
Contrast: Adjust the contrast level between the light and dark areas of picture.
Color Temperature: Selects either 6500 or 9300 degree K display.
White Balance: Optimizes the picture's gray scale reproduction.
H-Position: Adjusts Horizontal Position of the image.
V-Position: Adjusts the Vertical Position of the image.
Clock: Adjusts the number of pixels on one line. (Affects both picture position & size.)
Phase: Adjusts resolution of image by sampling pixels in the center of the pixel.
Default: Restores Factory Defaults to the VGA parameter settings.
Exit: Exits this OSD menu display.

It is recommended that you refrain from making picture adjustments unless you feel certain you understand the possible effects of the intended adjustment. If you make an adjustment in error and are unable to return to proper operation, access the default function in the appropriate menu and restore the monitor to Factory Default.

8.0 TROUBLESHOOTING

The major cause of difficulty with the LM-1511R and LM-1911R monitors is use of faulty or low quality cables, attempting to use cables over to long a distance and selecting the wrong source for what is actually connected to the monitor.

A second problem is misadjusting the monitor through improper use of the various setup menus.

Before contacting TV One's technical support personnel, please make certain that your problem is not due to one of the above issues.

After trying the above suggestions should the problem still persist, contact your dealer for additional suggestions before contacting TV One. Should the dealer's technical personnel be unable to assist you, contact TV One via our support website: <http://tvone.crmdesk.com>. Create a technical support request on the site and our support team will respond within a short period of time.

9.0 LIMITED WARRANTY

LIMITED WARRANTY – With the exceptions noted in the next paragraph, TV One warrants the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a period of two years from the date of purchase. Should this product, in TV One's opinion, prove defective within this warranty period, TV One, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of

TV One. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

Items integrated into TV One products that are made by other manufacturers, notably computer hard drives and liquid crystal display panels, are limited to the term of the warranty offered by the respective manufacturers. Such specific warranties are available upon request to TV One.

If repairs are necessary under this warranty policy, the original purchaser must obtain a Return Authorization Number from TV One and return the product to a location designated by TV One, freight prepaid. After repairs are complete, the product will be returned, freight prepaid.

LIMITATIONS - All products sold are "as is" and the above Limited Warranty is in lieu of all other warranties for this product, expressed or implied, and is strictly limited to two years from the date of purchase. TV One assumes no liability to distributors, resellers or end-users or any third parties for any loss of use, revenue or profit.

TV One makes no other representation of warranty as to fitness for the purpose or merchantability or otherwise in respect of any of the products sold. The liability of TV One with respect to any defective products will be limited to the repair or replacement of such products. In no event shall TV One be responsible or liable for any damage arising from the use of such defective products whether such damages be direct, indirect, consequential or otherwise, and whether such damages are incurred by the reseller, end-user or any third party.

10.0 REGULATORY COMPLIANCE

The LM-1511R and LM-1911R monitors have been tested for compliance with the appropriate FCC and CE rules and regulations.

The Power Supply has been tested for compliance with UL, CSA, CE regulations.

11.0 CONTACT INFORMATION

Should you have questions or require assistance with this product in areas not covered by this manual, please contact TV One at the appropriate location shown below:

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