

**USERS
MANUAL**

TFT LCD MONITOR

**MODEL:
TME19WE/TME22WE/TME24WE**

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FCC INFORMATION

This equipment has been tested and found to comply with the limits for a class B digital device, 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.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Shielded interface cables and A.C. power cord, if any, must be used in order to comply with emission limits.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE INFORMATION

The product must be installed according to the currently valid installation regulations for EMC to guarantee the designed use and to prevent EMC problems.

The device supplied with this manual is according to the EC, EMC Directive, 2014/30/EU & LVD 2014/35/EU

SAFETY PRECAUTIONS

1. Do not modify the three-prong grounding type monitor power plug in any way.
2. Operate this unit only from the type of power source indicated on the label.
3. Do not block or cover ventilation openings on the back or bottom of the monitor cabinet.
4. Do not place this monitor near a radiator or heating vent.
5. Do not push objects of any kind through cabinet openings. This may result in fire or electrical shock.
6. Before adding attachments always ask a service technician to perform routine safety tests to determine that equipment is in safe operating condition. Ground potential tests should be part of the routine safety check made by the service technician.
7. Do not place monitor on an unstable cart, stand, or shelf where it may fall and injure personnel or damage equipment.

8. Route power cords so that they cannot be walked upon or tripped over. Do not allow anything to rest on the power cord.
9. Do not install monitor in wet areas, or where it may be exposed to rain or water. Do not spill liquid of any kind on the unit.
10. Unplug the power cord from the unit before cleaning the display. Use only a damp cloth. Do not use alcohol, spirits, or ammonia to clean the display. **DO NOT ATTEMPT TO CLEAN THE INTERIOR OF THIS UNIT- THIS ACTION MUST BE PERFORMED BY THE SERVICE TECHNICIAN AS REQUIRED DURING NORMAL MAINTENANCE.**
11. Refer all servicing to qualified service personnel. **REMOVAL OF BACK COVER BY UNAUTHORIZED PERSONNEL MAY EXPOSE THE USER TO DANGEROUS VOLTAGES OR OTHER HAZARDS.**
12. Unplug the unit immediately and notify the service technician.
 - A. If liquid has been spilled into the display or the display has been exposed to rain or water.
 - B. If the unit has been dropped or the cabinet damaged.
 - C. If fuses continue to blow.
 - D. If the power cord is damaged or frayed.
 - E. If a distinct change from normal operation is apparent.

When replacement parts are required, be sure that the service technician uses components specified by the manufacturer which have the same characteristics as the original parts. **UNAUTHORIZED SUBSTITUTIONS MAY RESULT IN FIRE, ELECTRICAL SHOCK OR OTHER HAZARDS.**

Upon completion of any service or repairs, ask the technician to perform safety checks to determine that the equipment is in safe operating condition.

WARNING: SERIOUS SHOCK HAZARDS EXIST WITHIN THE COVERS OF THIS MONITOR. DO NOT OPEN THE COVERS UNDER ANY CIRCUMSTANCES, THERE ARE NO USER SERVICEABLE COMPONENTS INSIDE

1. Scope

This specification is used to define the performance of TME19WE/TME22WE/TME24WE color TFT LCD monitor. This system also supports both BNC input and HDMI input. In BNC mode, the system can automatically detect the NTSC signal and PAL signal. In HDMI mode, this system can support up to 1920 x 1080 VESA standard (TME19WE only supports up to 1600x900). The user friendly OSD menu is also provided to make this system easy to operate.

2 Functional Specifications

2.1 Power Supply

The power supply spec is listed below,

DC INPUT

DC power input range : 12VDC

* Power consumption : 25W max.

* Power efficiency : 80% typical at normal line input and full load

2.2 Video Characteristics

Composite Video (CVBS): 1.0 Vp-p (0.5 – 1.5Vpp), Automatic switching from 75 Ω unbalanced termination to Hi-Z with loop-through operation.

2.3 PC Input

● HDMI Input

HDMI Compatible Interface

Digital Signal: TMDS.

HDCP: HDCP 1.1

2.4 Environmental

● Temperature

Operating: 0°C to +40°C

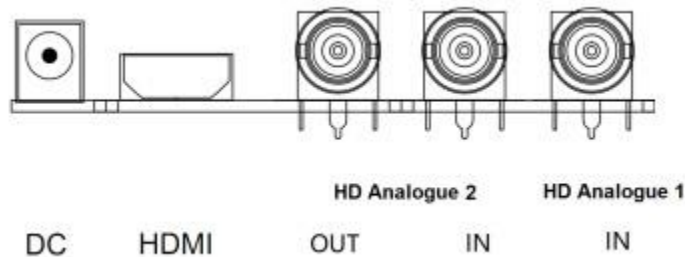
Storage: -20°C to +60°C

● Humidity

Operating: 10% to 85% (non-condensing)

Storage: 10% to 95% (non-condensing)

2.5 Connectors



DC INPUT: Use the supplied 12V DC power supply

HDMI: HDMI Connector

HD Analogue 1 IN: BNC Connector support CVBS/TVI/AHD/CVI

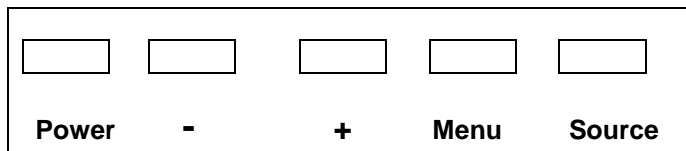
HD Analogue 2 IN: BNC Connector support CVBS/TVI/AHD/CVI

HD Analogue 2 OUT: BNC Connector support CVBS/TVI/AHD/CVI

Set up sequence

1. **Make sure the power of PC and/or Video source were turned off.**
2. **Connect the video signal to monitor.**
3. **Turns the PC and/or Video source power on.**
4. **Plug the power supply to DC jack**
(Use reverse sequence to teardown the monitor)

3. Controls and indicators



SOURCE: Select input source – HDA1, HDA2, HDMI.

MENU: Access the On Screen Display (OSD) menu.

+ and -: Controls left/right, Change the size of the value.

POWER: Turns the monitor on or off.

1. To access the OSD Menu press 'MENU'.
2. Press the 'SOURCE' buttons to select the function, then press the '+' or '-' button to select the sub menu.
3. Press the 'SOURCE' button to confirm the sub menu, then press '+' or '-' to adjust the setting.
4. Press the 'MENU' button to return to previous menu.
5. Press the 'MENU' button again to exit the OSD Menu.

4. OSD Menu

BNC (HD Analogue) mode :

PICTURE

Picture	Brightness	50
Menu	Contrast	50
Information	Saturation	50
	Hue	50
Exit		

Brightness: Adjust the image brightness (0-100)

Contrast: Adjust the image contrast (0–100)

Saturation : Adjust the image Saturation (0–100)

Hue: Adjust the image hue (0–100)

MENU

Picture	Language	English
Menu	OSD H Pos.	50
Information	OSD V Pos.	50
	OSD Time	20
	Reset	>
Exit		

Language: OSD language selection

OSD H Pos.: OSD horizontal position adjustment (0-100)

OSD V Pos.: OSD vertical position adjustment (0-100)

OSD Time: OSD display dwell time selection (5-30s)

Reset: OSD setting data recovery factory settings

Information

Picture	
Menu	HDA1

Information	CVI
	720P25
Exit	

Display video format, resolution, and frequency of the video signal

HDMI mode :

PICTURE

Picture	Brightness	50
Menu	Contrast	50
Information	Saturation	50
	Hue	50
Exit		

Brightness: Adjust the image brightness (0-100)

Contrast: Adjust the image contrast (0–100)

Saturation : Adjust the image Saturation (0–100)

Hue: Adjust the image hue (0–100)

MENU

Picture	Language	English
Menu	OSD H Pos.	50
Information	OSD V Pos.	50
	OSD Time	20
	Reset	>
Exit		

Language: OSD language selection

OSD H Pos.: OSD horizontal position adjustment (0-100)

OSD V Pos.: OSD vertical position adjustment (0-100)

OSD Time: OSD display dwell time selection (5-30s)

Reset: OSD setting data recovery factory settings

Information

Picture	HDMI
Menu	
Information	
Exit	
1080P60	

Display video format, resolution, and frequency of the video signal

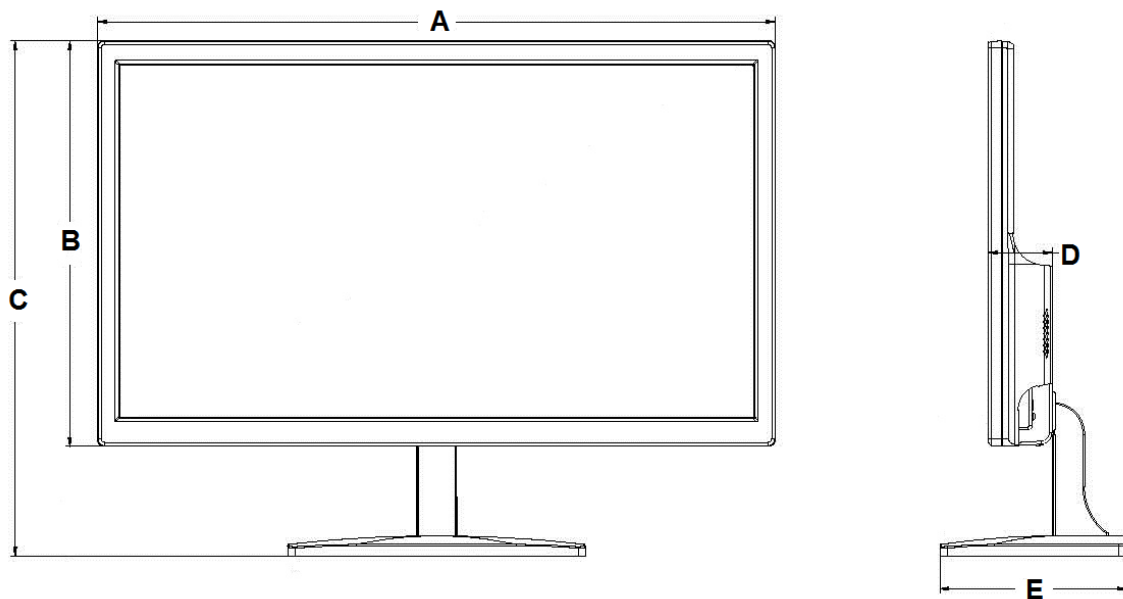
5. Mechanical

5.1 Cabinet

Material: Plastic

Finish: Black

5.2 Dimensions



Model	Unit	A	B	C	D	E
TME19WE	mm	461.7	275.8	350.6	43.5	127.0
	Inch	18.18	10.86	13.80	1.71	5.0
TME22WE	mm	508.0	305.9	379.4	43.3	137.0
	Inch	20.0	12.04	14.94	1.70	5.39
TME24WE	mm	555.7	334.4	407.9	46.2	142.0
	Inch	21.88	13.17	16.06	1.82	5.59

VESA Mount: 100mmx100mm (M4)

5.3 Dimension (Packing)

- Size

Model	Unit	W	L	H
TME19WE	mm	505	350	110
	Inch	19.88	13.78	4.33
TME22WE	mm	548	370	110
	Inch	21.57	14.57	4.33
TME24WE	mm	598	400	110
	Inch	23.54	15.75	4.33

- Weight:

Model	kgs	lbs
TME19WE	3.5	7.72
TME22WE	3.75	8.27
TME24WE	4.8	10.58

**TATUNG COMPANY OF AMERICA, INC.
LIMITED WARRANTY
COMMERCIAL DISPLAY MONITOR PRODUCT**

**TATUNG COMPANY OF AMERICA, INC.
LIMITED WARRANTY COMMERCIAL DISPLAY MONITOR PRODUCT**

Tatung Company of America, Inc. (“Tatung”) warrants to you, the original commercial purchaser of this new Tatung product (the “product”), that all parts of this product will be free from defects in materials or workmanship, as hereinafter provided, for three years from the date of original purchase.

Tatung will, at our option, repair or replace the product or any part thereof which becomes defective, malfunctions or otherwise fails to conform with this warranty under normal use and service during the term of this warranty, at no charge to you for parts and labor. Repaired or replacement products or parts may include remanufactured or refurbished parts and components. The repaired or replacement product will be covered for the balance of the time remaining on the product's original limited warranty period.

You may obtain warranty service by contacting Tatung Customer Support at (800) 827-2850, Ext. 242, to obtain a Return Merchandise Authorization number (RMA). You will be required to provide:

- A copy of the dated sales receipt from Tatung (Proof of Purchase).
- Your Name or Company Name
- The model number and serial number of the product
- A description of the problem
- Your ship-to address, email address, fax number and phone number

Upon receipt of the RMA, you can bring or ship the product at your expense to the address provided with the RMA. Please make sure that the product is packed in a suitable carton that is large enough and strong enough to allow you to properly secure the product. Tatung will not be responsible for any loss or damages as a result of shipping in the product for service, and shipping insurance is recommended to protect you against any loss or damages resulting from shipping.

TATUNG SHALL NOT BE LIABLE FOR ANY LOSS OR DESTRUCTION OF, OR TO MAINTAIN THE CONFIDENTIALITY OF, DATA, MEDIA OR ANY CONTENT COMPONENT, SUCH AS PHOTOS, FEEDS, TEMPLATES, ETC., RESULTING FROM WARRANTY SERVICE OF THE PRODUCT. IT IS YOUR RESPONSIBILITY TO SECURE AND/OR BACK-UP ALL PROGRAMS AND DATA CONTAINED IN OR AFFECTED BY THE PRODUCT.

This warranty does not cover:

1. Defects, malfunction or failures resulting from causes beyond the control of Tatung or the manufacturer of the product, including, but not limited to, shipping or transit accident, abuse, misuse, operation contrary to furnished instructions, improper or insufficient ventilation, operations with incorrect power supplies, operation with faulty associated equipment, modification, alteration, improper servicing, accidents, fire, power surges, viruses, malware, acts of God, tampering, reckless, willful or intentional conduct, or normal wear and tear;
2. Cosmetic damage, such as scratches, plastic discoloration, etc., to the exterior finish during the warranty period;
3. Burned-in images (screen burn) resulting from viewing of images on the display screen for an extended period of time;
4. Display problems or reception interference and distortion related to echo, interference, noise or other signal transmission and delivery/reception problems;
5. Minor display imperfections within the product's design specifications that do not materially alter functionality;
6. Any reimbursement cost for removal, installation and set-up, including wall-mounting of product;
7. Products on which the serial number has been altered, defaced or removed; and
8. Products purchased outside of the United States.

Should any product submitted for warranty service be found ineligible for warranty service, we will provide you with an estimate of cost of repair and will repair the product upon your request and upon receipt of payment or acceptable arrangements for payment.

WITH RESPECT TO YOU, THE COMMERCIAL PURCHASER, ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT ARE EXCLUDED AND DISCLAIMED.

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**TATUNG COMPANY OF AMERICA, INC.
LIMITED WARRANTY
COMMERCIAL DISPLAY MONITOR PRODUCT**

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. This is the only express warranty applicable to the product; Tatung neither assumes nor authorizes anyone to assume for it any other express warranty. This warranty may not be modified, altered, or amended without the written agreement of Tatung which specifically states that the writing is intended to modify, alter, or amend this warranty. If any term of this warranty is illegal or unenforceable, the legality and enforceability of the remaining provisions shall not be affected or impaired.

This warranty extends only to you, the original commercial purchaser, and is not transferable to anyone who subsequently purchases, leases, or otherwise obtains the product from you.



TATUNG Co. of America, Inc
2850 El Presidio Street
Long Beach CA 90810
Tel: 1-800-829-2850 x242

www.tatungusa.com
service@tatungusa.com