



TV USER'S MANUAL





Catalogue

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Important Safety Instructions

- Read these instructions All the safety and operating instructions should be read before this product is operated.
- Keep these instructions The safety and operating instructions should be retained for future reference.
- Heed all warnings All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions All operating and use instructions should be followed.
- Do not use this apparatus near water The appliance should not be used near water or moisture - for example, in a wet basement or near a swimming pool, and the like.
- · Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus
 has been damaged in any way, such as power supply cord or plug is damaged, liquid
 has been spilled or objects have fallen into the apparatus has been exposed to rain
 or moisture, does not operate normally, or has been dropped.
- · Please keep the unit in a well-ventilated environment.
- WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus
 to rain or moisture. The apparatus shall not be exposed to dripping or splashing and
 that objects filled with liquids, such as vases, shall not be placed on apparatus.
- WARNING: The wall socket plug is used as disconnect device, the disconnect device shall remain readily operable.
- WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



- This lightning flash with arrowhead symbol within an equilateral triangle is intended
 to alert the user to the presence of non-insulated "dangerous voltage" within the
 product's enclosure that may be of sufficient magnitude to constitute a risk of
 electric shock.
- To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Safety Information

• 🖂	This equipment is a Class II or double insulated electrical appliance. It does no require a grounded connection.
Ш	require a grounded connection.

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below.

Electrical safety

- The TV set should only be connected to a main power supply with voltage that matches the label at the rear of the product.
- To prevent overload, do not share the same power supply socket with too many other electronic components.
- Do not place any connecting wires where they may be stepped on or tripped over.
- Do not place heavy items on them, which may damage the leads.
- · Hold the main plug, not the wires, when removing from a socket.
- During a thunderstorm or when not using the television for long periods, turn off the power switch on the back of the television.
- Do not allow water or moisture to enter the TV or power adapter. Do not use in wet, moist areas, such as bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if the main plug or cable is damaged, liquid has spilt onto the set, if accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the set does not work normally.
- Do not remove the safety covers. There are no user serviceable parts inside.
 Trying to service the unit yourself is dangerous and may invalidate the product's warranty.

Only qualified personnel should service this apparatus.

- To avoid battery leakage, remove exhausted batteries from the remote control, or when not using for a long period.
- Do not break open or throw exhausted batteries in a fire.

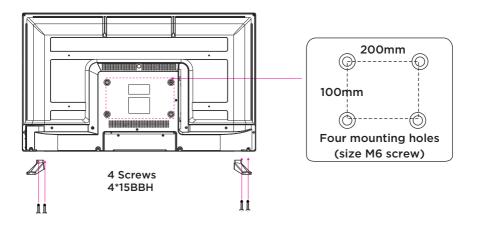
Physical safety

- Do not block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5 cm (2") clearance all around.
- Do not tap or shake the TV screen, this may damage the internal circuits. Take good care of the remote control.
- To clean the TV use a soft dry cloth. Do not use solvents or petroleum based fluids.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A
 polarized plug has two blades with one wider than the other. A grounding type
 plug has two blades and a third grounding prong, the wide blade, or the third
 prong is provided for your safety. If the provided plug does not fit into your
 outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs.
- Unplug the apparatus during lightning storms or when unused for long periods.
- Refer all servicing to a qualified service personnel. Servicing is required when
 the apparatus has been damaged in any way, such as power-supply cord or plug
 is damaged, liquid has been spilled, or objects have fallen into the apparatus,
 has been exposed to rain or moisture, does not operate normally, or has been
 dropped.

What is Included/TV Placement Setup



TV Stand Installation/Removal



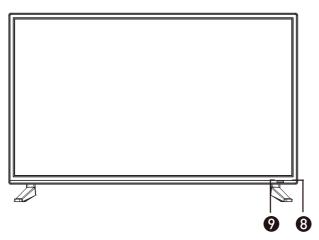
Wall Mounting

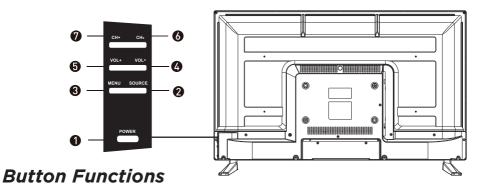
The TV is provided with mounting holes for a VESA approved wall mounting bracket (NOT SUPPLIED). The VESA mounting pattern is 200×100 mm. Remove the screws holding the base to the base bracket and lift the base away (do not remove the base mounting brackets). Mount the VESA bracket using 4 x M6 x 10 isometric threaded screws (not supplied). Do not use screws longer than 10 mm; damage will occur to the internal components.

Caution: Your new TV is heavy; please consult with a professional wall mount installer to perform this installation.

Getting Started

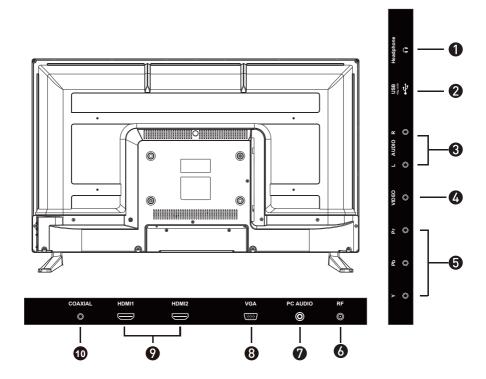
Front/Back View





- 1. POWER: Turn on TV/Stand
- 2. SOURCE: Audio/Video input source selection
- 3. MENU: Open settings menu
- 4. VOL-: Decrease volume
- 5. VOL+: Increase volume
- 6. CH-: Previous channel

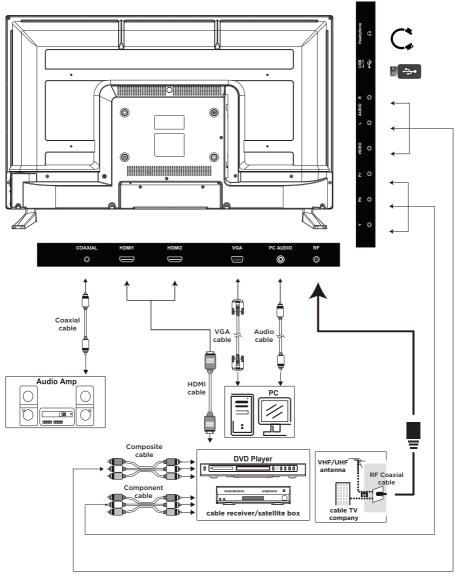
- 7. CH+: Next channel
- 8. IR RECEIVER: Receives infrared signals from the remote control
- INDICATOR LED: Status indicator (Power On / Standby: Red)



- 1. HEADPHONES
- 2. USB
- 3. AUDIO IN R/L: Stereo audio input
- 4. VIDEO: Video input
- 5. YPBPR:Connect to the YPbPr video output terminal of the DVD
- 6. RF: Antenna connection
- 7. PC AUDIO: Connect it to the audio output terminal of the PC
- 8. VGA: PC video input
- 9. HDMI
- 10. COAXIAL

Connecting to External Devices

Connecting external devices to your LED TV



Remote Control

Basic Operations

- 1. POWER: Turn on the TV/Standby.
- 2.AUDIO: Switch the audio channel when DVD or multimedia playing.

I/II: In the TV condition, press this button to select the stereo mode.

3.MUTE: Mute or restore the sound.

4.NUMBER KEYS: Change the channel directly.

5.SLEEP: Auto Power Off Timer.

6.REPEAT :Switches back and forth between

the current and previous channels

7.MENU: Show Menu.

8.EXIT: Exit the Menu.

9.SOURCE: Press to change signal source.

10.INFO: Show information about the current

program.

11.NAVIGATION KEYS (Up, Down, Left,

Right and OK): To move in the menus and confirm settings.

12/13.VOL: Increase and decrease volume.

14/15:CH: Next and Previous channel.

16.P. MODE: Output image mode selection.

:Displays the main index in Teletext mode.

17.S. MODE: Setting audio options.

:Reveals hidden information such as the answers to a guiz in TELETEXT mode.

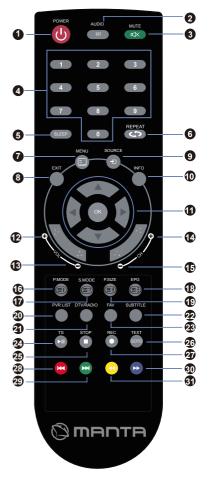
18.EPG: Show the Electronic Program Guide.

:Freeze a multi-page changing on Teletext mode.

19.P. SIZE: Press to select the different picture size.

(=;) :Displays the top, buttom or all of page.

20.PVR LIST: In DTV mode, displays the executed PVR LIST.



21.DTV/RADIO: In DTV mode, press DTV/RADIO button to enter DTV or RADIO mode.

22.SUBTITLE: Select subtitle of media video file. (needs the support of disk or flie)

23.FAV: Pressing FAV.CH displays favorites.

24.TS: Cycles through wide screen mode settings.

► Play/Pause.

25.STOP ■ :Stop playback.

26.TEXT: Turns on and off the Teletext function.

GOTO: Play from the desired location.

27.REC • :In DTV mode , press REC button to start recording, press ■ button to stop recording.

29. ▶ : Next file or chapter.

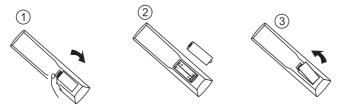
30. **▶** : Fast forward playback.

 :Press the appropriate colour to direct access functions in TELETEXT or EPG OSD mode.

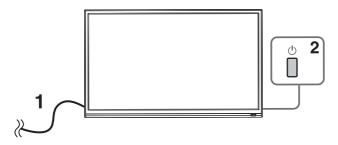
Install the Batteries

If the remote control fails to operate the TV functions, replace the batteries in the remote control.

- 1. Open the battery cover.
- 2. Insert two size-AAA batteries. (Place the batteries with their terminals corresponding to the (+) and (-) indications in the battery compartment.)
- 3. Replace the cover.



Initial Setup



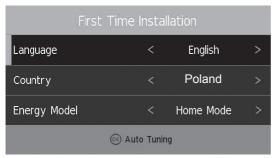
- 1. Connecting your TV on the poweroutlet;
- 2. Press the POWER button on the remote to turn on the TV in green for the LED light. CAUTION:Always disconnect the TV from the power outlet when the TV will not be used for a long period of time. The POWER button on the front panel is only used for switching the TV into standby, it does not disconnect the device from the main voltage. To completely disconnect the main voltage, please remove the power plug from the socket.
- 3. Press the key V/▲/ ◀ / ▶ and following the picture as bellow to operate the subject.

NOTE:

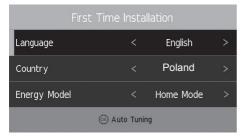
The picture is for reference only.

Installation Guide

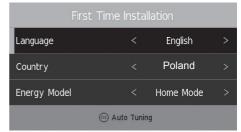
Step one: It shows "OSD Language" for you to choose when boot for the first time



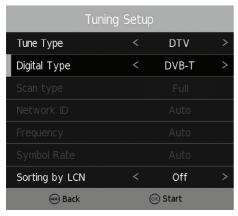
Step two: enter "Country" menu



Step three: Enter "Energy" menu



Step 4: Enter "Tune Type" menu



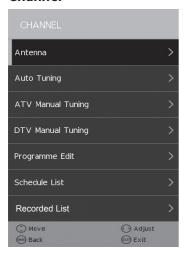
Main Menu

Press [MENU] key to show main menu, there are five functions under main menu, they are Channel, Input Source, Application, Media Play, Setting, Press [LEFT]/[RIGHT] to select these functions



Item	Name	Explanations
CHANNEL.	Channel	Icon for Channel menu. Enter this page to search, edit channels and PVR
PICTURE	Picture	Icon for Picture. Enter this page to have operations on Picture
SOUND	Sound	Icon for Sound. Enter this page to have operations on Sound
(L) TIME	Time	Icon for Time. Enter this page to have operations on Time
{^} SETUP	Setup	Icon for Setup. Enter this page to have operations on Option
Lock	Lock	Icon for Lock. Enter this page to have operations on Lock

Channel

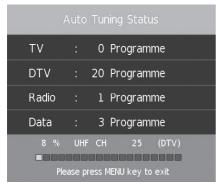


Auto Tuning

Under the Auto Tuning of CHANNEL menu, Press [LEFT]/[RIGHT]/[OK] key to enter Auto Tuning, the following prompt box will appear:



When Tune Type is DTV+ATV, press OK key to enter DTV auto searching



When search DTV, if you want to skip ATV and directly enter DTV, press MENU to enter the menu as follows:



Press left/right key to select Yes/No, Press OK to execute. "Yes" is to skip the ATV searching and enter DTV searching. When searching, if you want to directly exit from searching, press EXIT to exit.

DTV Manual Tuning



Press [LEFT]/[RIGHT] to adjust channels, when there is signal, press OK then begin DTV searching.

ATV Manual Tuning



Program Edit



Operations in Setting Menu are shown in the following table:

LCN	CH Name	Encryption mark	Skip	Fav	Туре
1	FIVE	9		\bigcirc	DTV

Channel edit function includes —Delete/Move/Rename/Skip/Fav \parallel . Fav/Skip mark will appear only after the users have some setting on the channel(Fav and Ship can't be set together).

- Delete: Press [RED] key to cancel the program that the cursor is in.
- Move: Press [YELLOW] key, according to the prompt, execute MOVE function, move the program order
- Skip: Press [BLUE] key, the program the cursor is will be marked with SKIP. When execute CH+/CH-, skip this program, and this program can't be selected even press the number key
- Rename: Rename function only appear and can be used under ATV program.
 Press [GREEN] key under ATV, the program can be renamed
- Favorite: Press [FAV] key, mark the program the cursor is in as favorite program.

Input Source



There is 12 ports at most in Input Source menu page. It supports DTV/ATV/AV/YPbPr/PC/HDMI /USB.

Media Play

It supports Movie/Music/Photo, see 7. Media Player into details

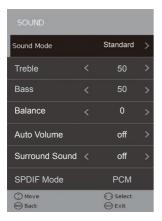
Setting



Function explanation:

Item	Support mode	Explanation
Picture Mode	Standard->Mild->Dynamic->User ->ECO Home	Picture mode selection
Color Temperature	Standard-> Cool -> Warm -> User	Color Temperature selection
Noise Reduction	Off->Low->Middle->High-> Auto	Noise reduction; it is under Hide status under VGA

Sound:



Function explanation:

Item	Support mode	Explanation
Sound Mode	Standard -> Music -> Movie -> Sports -> User	Picture mode selection. Default is Standard
Balance	(-)50-50	Volume balance
Auto Volume	On/Off	Auto volume on/off
Surround Sound	On/Off	Surround sound
SPDIF Mode	PCM/Auto	Coaxial setting

Time



explanation:

Item	Support mode	Explanation
Clock	Hour:Min	It shows current time information. It is under Hide status and can't be selected. When there is no searching, after power on, it shows time beginning from 00: 00; after DTV searching, it shows current code's time
		information under DTV
Auto standby	1.2.3.4H	
Sleep timer	On/off	
Time Zone	CanaryGMT NewZealand GMT +12 There are 33 time zone options in total	It is set default according to shipping area and clients requirements; when Auto Tuning searching, it will auto switch according to current selected country

Lock:



Function explanation

Item	Support mode	Explanation
Lock Channel	On/Off	You need to input password to enter submenu, the password defaultis 0000
Set Password		Set system password
Bolck Program		Press green (LOCK), then there is LOCK icon on this selected channel, and the channel is locked
Parental Guidance	OFF/4/5/6/7/8/9/10/11/12/13/ 14/15/16/17/18	Set parental guidance
Hotel Setting		

Option



Function explanation

Item	Support mode	Explanation
OSD Language	328 supports 23 languages. See pecial explanation for details	Select the language and default language according to shipping area and clients requirements
Audio Language 1st		It can't be selected if not under DTV
Audio Language 2nd		It can't be selected if not under DTV
Subtitle Language 1st		It can't be selected if not under DTV
Subtitle Language 2nd		It can't be selected if not under DTV

Favorite List

Favorite channel list menu, Entries displayed for the user settings in Program Edit inside the Favorite channel, [FAV] button to display and turn off Favorite List menu



Channel Info

Channel information. Press [INFO] button under the DTV to display the menu. In the menu, press [LEFT]/[RIGHT] button to display the programme information. [INFO] key to display simple information in other ports



Subtitle Language

Press [SUBTITLE] button to display the menu. The entries display the current Subtitle Language of the stream types and attributes.



EPG:

Press [GUIDE] hotkey to display the EPG menu, only effect under the DTV.



- Info: Press [INFO] button to display the current time or the current channel program information.
- Record: Press [RED] button to enter the recorder menu to set .
- Remind: Press [Green] button to enter the Reminder setting menu .



Schedule: Press [YELLOW] button to enter the schedule list menu. It will display the mission of reminder and recorded set under the EPG. See picture as follows:



Mute

Press [Mute] button to display the Mute menu, implementation of the mute function.

Press [Mute] to cancel the mute function.



Press [V+]/[V-] button, it will display volume adjustment menu. Press [V-] button to turn down the volume. The number at right side represent the current volume size which ranges from 0-100.



Media Player

In the option of Media Player on MainMenu, Press [OK] to enter the Media Player menu, see the picture as follows:

Press [LEFT]/[RIGHT] to select Movie, Music or Photo.



Take Movie function for example, when there is focus point on Movie function, press [OK] button to enter into File Selector menu



On FileSelector menu, select film source that needs to be play according to the hint. Press [PLAY/PAUSE] button to enter into the play mode of full screen; press [PLAY/PAUSE] to return to Media Player menu.

Movie

on Media Player menu, move cursor to moive, press [OK] button to enter into FileSelector menu. Select the file you want to play, press [PLAY/PAUSE] to enter into full screen play. Press [LEFT]/[RIGHT] button to move cursor, and operate according to different hint.



Music

In the same way, on Media Player menu, move cursor to Music, press [OK] button to enter into FileSelector menu. Select the file you want to play, press [PLAY/PAUSE] to enter into full screen play. Press [LEFT]/[RIGHT] button to move cursor, and operate according to different hint.



Photo

In the same way, on Media Player menu, move cursor to Photo, press [OK] button to enter into FileSelector menu. Select the file you want to play, press [PLAY/PAUSE] to enter into full screen play. Press [LEFT]/[RIGHT] button to move cursor, and operate according to different hint.



Troubleshooting

If the device performance fails, check whether the detected problem is in the following table. If your device still fails, contact customer service.

SYMPTOM	POSSIBLE CAUSE	REMEDY
TV - No signal input connected, loose or disconnected.	Signal cable is loose or not connected.	Ensure signal cable is not loose or disconnected. Reattach and try again.
Remote Control Distance is short,	Receiver of remote control is covered.	Ensure the remote receiver is not obstructed.
no control.	The battery energy of the remote control is too low.	Change the batteries.
TV	Adjustment is incorrect.	Use auto-adjustment function.
Display is faint.	Display mode is incorrect.	Use recommended mode.
TV	Adjustment is incorrect.	Use auto-adjustment function.
Display image does not fill the screen.		Enter PICTURE to adjust the horizontal and vertical position.
	Display mode is incorrect.	Use recommended mode.
TV Unable to operate the TV	Exterior influence, for example lighting, static electricity and so on, which might disturb the normal operation of the TV.	Press the (1) button to tum off electrical source, then press the (1) button to turn on the TV again after 1-2 minutes.
Static and sound noise.	Antenna cable connector is loose, cable is damaged.	Check the antenna cable connector plug for secure connection and any damage.
	Antenna cable type is not correct.	Check antenna cable type (VHF/ UHF).
	Direction or position of antenna is incorrect.	Adjust the direction or position of antenna.
	Signal is weak.	Attempt to use signal amplifier.
TV image is better, but has noise.	Antenna cable connector is loose, cable is damaged.	Check the antenna cable connector plug for secure connection and any damage.
No image. No sound.	Power plug is loose, power cord does not	Check to ensure power cord is connected.
	connect well.	Press POWER on panel or remote control.
		Check if the Ů button is on.
TV image has stripes.	Signal is exposed to interference, such as a car,	Do not use an electric blower around unit.
	neon light, electric blower, etc.	Adjust antenna cable direction to reduce interference.
TV image has shadows.	TV signal is reflected by valley or building.	Use a high-directional antenna.
	Direction of antenna is incorrect.	Adjust direction of the antenna.
TV has no sound.	Volume setting is too low.	Adjust volume to proper level.
	Sound is muted.	Press MUTE to deactivate mute.

CAUTION: Do not allow your TV screen to display the same image for an extended period of time. Please set up a screen protection procedure. If a high-contrast picture remains on the TV screen for a long time, this picture could burn the image onto the screen. Usually the burnt image will disappear gradually when you turn off the TV's power. However, this damage cannot be repaired.

Specifications

Specifications

TV System	DVB-T2+C
Maximum	1366x768
Brightness	180 cd/m2
Static Contrast	5000:1
Response Time	8.5ms
Consumption	<48W
Power Supply	AC 100-240V- 50/60Hz
Connectivity	Composite Cable
	Component Cable
	PC Video Input (VGA)
	PC Audio Input
	HDMI input x 2
	RF Antenna Input
	Headphones Output
	Coaxial Output
Data Interface	USB
Supported System Files	FAT32 and FAT16

Multimedia Playback Format

Multimedia Categories	File Extension
Video	avi/.mp4/.mpg/.mkv/.mov/.dat/.vob/.rm/.rmvb
Music	.mp3/AAC(.aac,m4a)/.wav
Photo	.jpg/.jpeg
Text	.txt

Remote Control

Signal Type	Infrared
Control Distance	8 meters
Control Angle	30° (Horizontal)
Power Supply	AAA 1.5V x 2