

ProofVision

Professional Bathroom TV



USER MANUAL
PV-INST-19-24-27-32-43-3663

This manual covers models

PV19MF-232
PV19WF-232
PV19BF-232
PV24MF-232
PV24WF-232
PV24BF-232
PV27MF-232
PV27WF-232
PV27BF-232
PV32MF-232
PV32WF-232
PV32BF-232
PV43MF-232
PV43WF-232
PV43BF-232

Safety Information

IMPORTANT SAFETY INSTRUCTIONS

Read these instructions.
Keep these instructions.
Heed all warnings.
Follow all instructions.
Do not use this apparatus near water.
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.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

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 mains plug is used as disconnect device, the disconnect device shall remain readily operable.



- 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.

- Warning: 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.

Apparatus with class I construction shall be connected to a mains socket outlet with a protective earthing connection.

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TV Specifications

Screen Size	19"
Display Type	TFT LED
Resolution	1366 X 768
Aspect Ratio	16:9
Alimentation	DC 12V≡4A
Audio Output	L/R 5W X 2
Dimensions of Front Screen	490mm x 335mm x 5mm
Mounting Plate	473mm x 318mm x 51mm

Screen size	24"
Display Type	TFT LED
Resolution	1920 X 1080
Aspect Ratio	16:9
Alimentation	DC 12V≡4A
Audio Output	L/R 5W X 2
Dimensions of Front Screen	594mm x 396mm x 5mm
Mounting Plate	577mm x 379mm x 51mm

Products Fiche

Model No	Energy label	Screen mm/inch	On-Mode power consumption (Max)	Annual energy consumption	Standby power consumption
PV19MF-A PV19WF-A PV19BF-A	A	47/19	18W	26KWH	0.5W
PV24MF-A PV24WF-A PV24BF-A	A	60/24	24W	35KWH	0.5W

TV Specifications

Screen Size	27"
Display Type	TFT LED
Resolution	1920 X 1080
Aspect Ratio	16:9
Alimentation	DC 12V \Rightarrow 6A
Audio Output	L/R 5W X 2
Dimensions of Front Screen	658mm x 454mm x 5mm
Mounting Plate	642mm x 438mm x 54mm

Screen Size	32"
Display Type	TFT LED
Resolution	1920 X 1080
Aspect Ratio	16:9
Alimentation	DC 12V \Rightarrow 7A
Audio Output	L/R 5W X 2
Dimensions of Front Screen	775mm x 508mm x 5mm
Mounting Plate	760mm x 492mm x 57mm

Products Fiche

Model No	Energy label	Screen mm/inch	On-Mode power consumption (Max)	Annual energy consumption	Standby power consumption
PV27MF-A PV27WF-A PV27BF-A	A	68.6/27	35W	51KWH	0.5W
PV32MF-A PV32WF-A PV32BF-A	A	81/32	35W	51KWH	0.5W

TV Specifications

Screen size	43"
Display Type	TFT LED
Resolution	1920 X 1080
Aspect Ratio	16:9
Alimentation	DC 12V \Rightarrow 7A
Audio Output	L/R 5W X 2
Dimensions of Front Screen	1031mm x 661mm x 5mm
Mounting Plate	1006mm x 635mm x 61mm

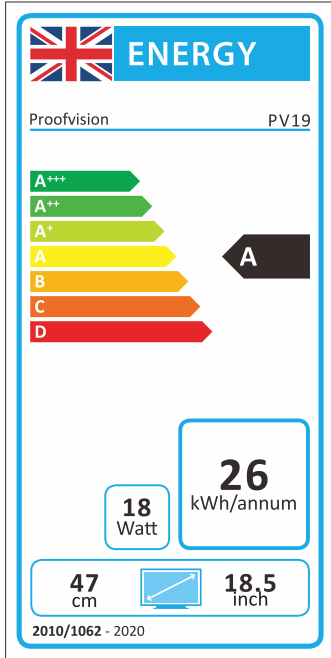
Products Fiche

Model No	Energy label	Screen mm/inch	On-Mode power consumption (Max)	Annual energy consumption	Standby power consumption
PV43MF-A PV43WF-A PV43BF-A	A+	109/43	52W	76KWH	0.5W

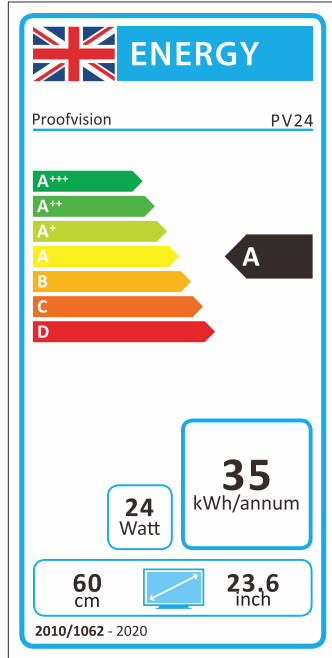
Note:

Design and specification modification may be made at any time without prior notice, all data and dimensions are approximations.

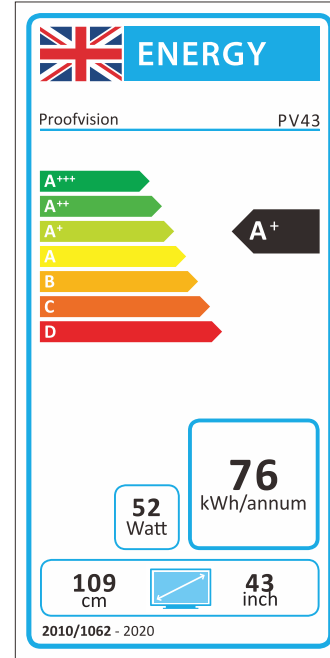
19"



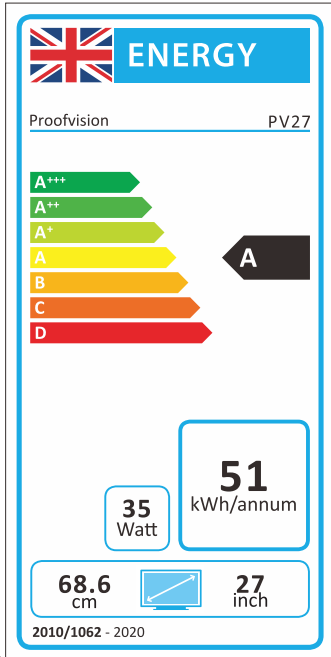
24"



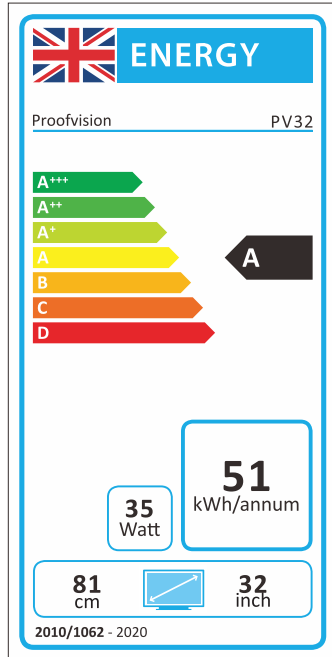
43"



27"



32"



EU DECLARATION OF CONFORMITY

Company Name: Worldwise Trading Ltd T/A ProofVision
Address: Unit 1, Rear of Avad House
Belvue Road
Northolt
Middlesex

Postcode: UB5 5HY

Telephone: 0203 4111 693

Email Address: sales@proofvision.co.uk

This declaration of conformity is issued under our sole responsibility and belongs to the following product

Type of product: 19", 24", 27", 32", 43" Bathroom TV

Model number: PV19MF-A, PV19WF-A, PV19BF-A, PV24MF-A, PV24WF-A, PV24BF-A, PV19MF-232, PV19WF-232, PV19BF-232, PV24MF-232, PV24WF-232, PV24BF-232, PV19MF, PV19WF, PV19BF, PV24MF, PV24WF, PV24BF, PV27MF-A, PV27WF-A, PV27BF-A, PV32MF-A, PV32WF-A, PV32BF-A, PV43MF-A, PV43WF-A, PV43BF-A, PV27MF-232, PV27WF-232, PV27BF-232, PV32MF-232, PV32WF-232, PV32BF-232, PV43MF-232, PV43WF-232, PV43BF-232

Brand: ProofVision

Object of declaration: ProofVision Bathroom TV range 19", 24", 27", 32" & 43"

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

EMC Directive: 2014/30/EU

Low voltage directive: 2014/35/EU

RoHS Directive: 2011/65/EC

RE Directive: 2014/53/EU

Relevant harmonized standards user or other technical specifications in relation to which conformity is declared:

Safety	EN 60065:2014
EMC	EN 55032:2015
	EN 61000-3-2:2014
	EN 61000-3-3:2013
	EN 55035:2017
ROHS	IEC 62321-4:2013 +AMD1:2017
	IEC 62321-5:2013
	IEC 62321-6:2015
	IEC 62321-7-1:2015
	IEC 62321-7-2:2017
	IEC 62321-8:2017
RE Directive	EN55032 EN301489-17

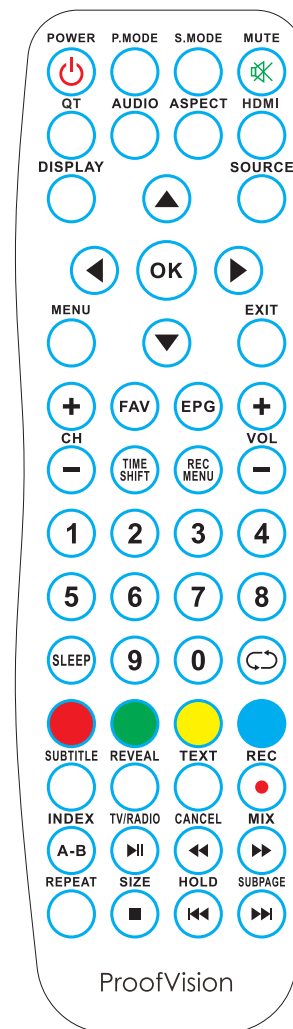
Authorized Signature

William Uttley

1st April 2021

Accessories

Please make sure the following items are included with your LED TV.
If any items are missing, contact your dealer.



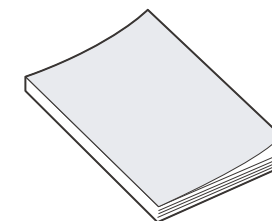
Remote Control



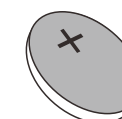
Power Cord



Mains Adaptor



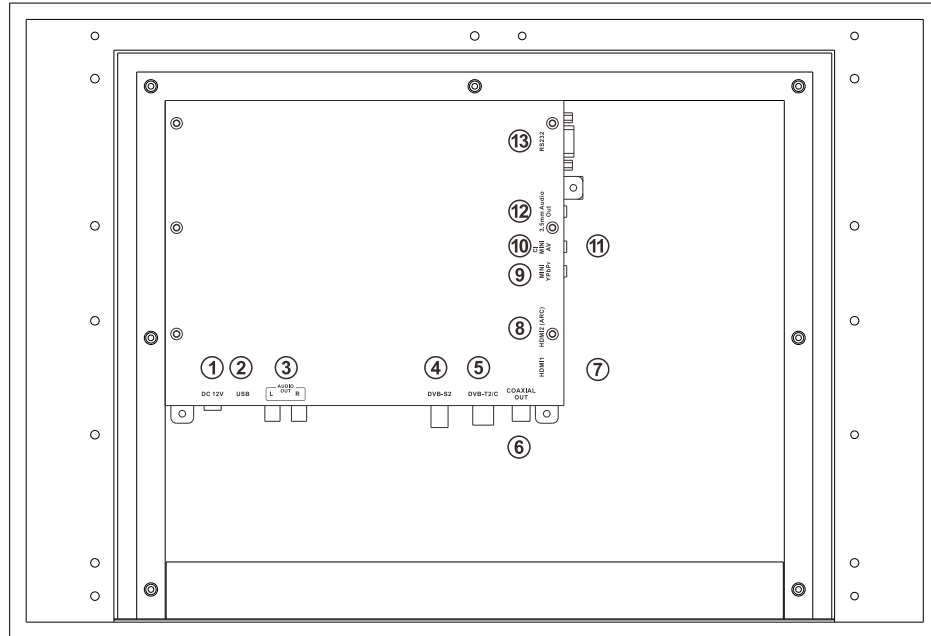
Owner's Instructions



Battery (CR2032)

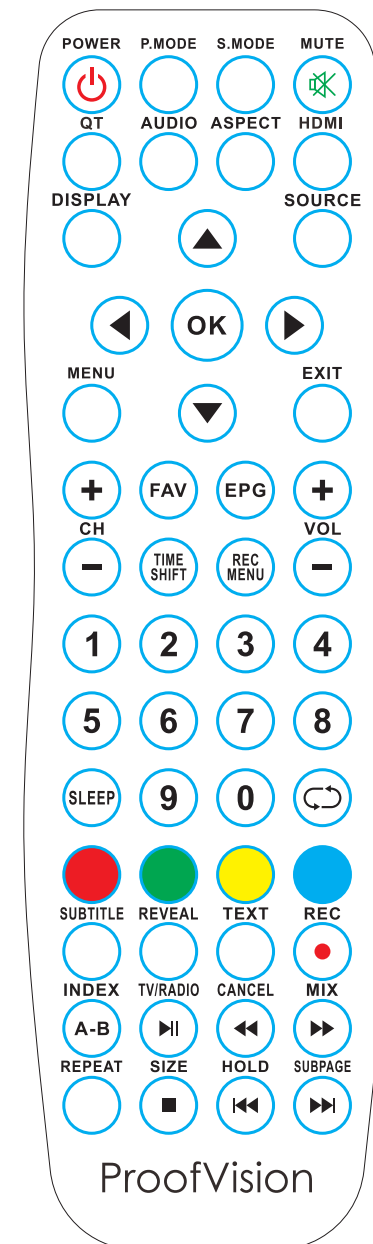
Overview of back panel

19"/24"/32"/43"



- | | |
|---|---|
| <p>1. DC 12V
DV 12V input.</p> <p>2. USB
Connect media stick for content.</p> <p>3. L/R
Connect to the audio output jacks on your amplifier/home theater.</p> <p>4. DVB-S2
Connect to external SATELLITE to receive.</p> <p>5. DVB-T2/C
Connect to external antenna to receive the ATV/DTV program in ATV/DTV mode.</p> <p>6. COAXIAL OUT
Coaxial Digital audio output.</p> <p>7. HDMI 1
Connect for HDMI.</p> | <p>8. HDMI 2(ARC)
Connect for HDMI.</p> <p>9. MINI YPBPR
Connect for the Y/Pb/Pr Input in Component mode.</p> <p>10. CI SLOT
Use to insert the CI card.</p> <p>11. MINI AV
Connect for VIDEO signal input in Composite mode.</p> <p>12. 3.5mm Audio Out
Connect for headphones.</p> <p>13. RS232
Use PC or other device to achieve the application of controlling the TV by RS232 port.</p> |
|---|---|

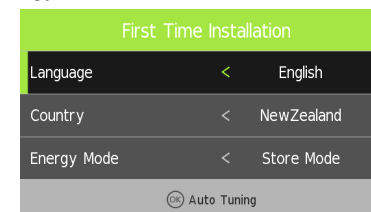
Remote Control Unit



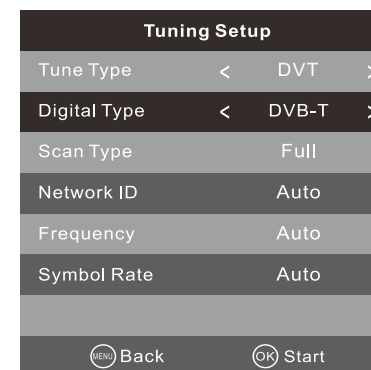
No.	Button	Description
1	POWER	Set your TV to power on or standby mode.
2	P.MODE	Select the picture mode.
3	S.MODE	Select the sound mode.
4	MUTE	Press to mute the sound. Press again to regain sound.
5	QT	Quick Tune. Quick TV Channel Autotune Button.
6	AUDIO	Press to display the language of the audio in DTV.
7	ASPECT	Press this button to select the aspect of screen.
8	HDMI	Press this button to select the HDMI.
9	DISPLAY	Press this button to display the information on current input.
10	SOURCE	Press this button to display the input source.
11	MENU	Allows you to navigate on the screen menus (OSD).
12	EXIT	Exit from the current menu or sub-menu. Press twice to enter HOME.
13	◀▶▶▲▼	Allows you to navigate the on-screen menus and adjust the system settings to your preference.
14	FAV	Selects favorite channels.
15	EPG	Press to display EPG (Electronic Program information).
16	TIME SHIFT	Press to switch to TIME SHIFT mode.
17	REC.MENU	Press to switch to REC.MENU immediately (DTV only).
18	CH+/-	Press these two buttons to change channels up/down.
19	VOL+/-	Press these two buttons to increase/decrease the volume.
20	0-9	Press 0-9 to select a TV channel directly. The channel will change after 2 seconds. Applicable for enter page number in TELETEXT mode.
21	SLEEP	Set the time for the TV to turn off automatically.
22	↺	Return to the previously viewed program.
23	R (DELETE)	Delete function button.
24	G (RENAME)	Rename function button.
25	Y (MOVE)	Move function button.
26	B (SKIP)	Skip function button. Open and close the mouse.
27	SUBTITLE	Press to select the subtitle language.
28	REVEAL	Shows hidden words or pages by Teletext.
29	TEXT	Switch on/off of Teletext window.
30	REC/●	Press to record the program immediately.
31	INDEX	Returns to Index page by Teletext.
32	CANCEL	Switches the Teletext window to the background; only the current page is not visible.
33	MIX	Sets the transparency of Teletext window.
34	REPEAT	DVD: Repeat mode selection.
35	SIZE	Zoom In or Out of the Teletext window.
36	HOLD	Holds on the current Teletext page.
37	SUBPAGE	Displays a subpage of upper Teletext options.

Main Menu

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.

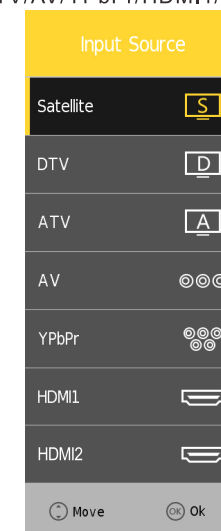


Enter "Tune Type" menu

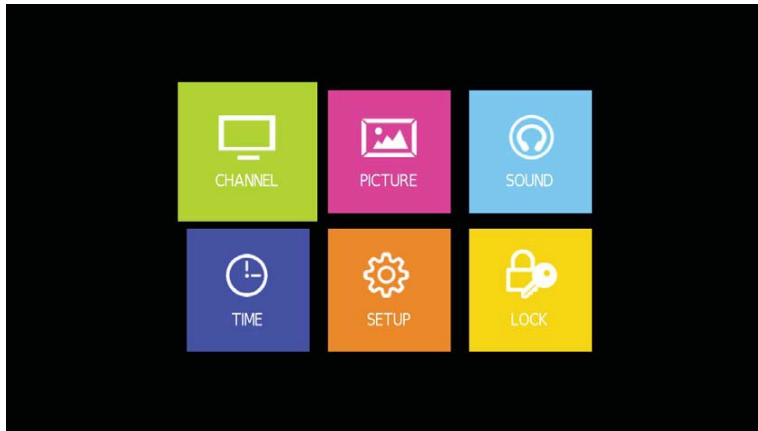


Input Source

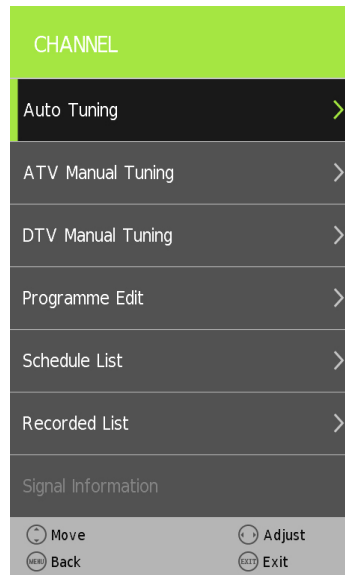
There are only 9 ports input source menu page.
It supports Satellite/DTV/ATV/AV/YPbPr/HDMI1/HDMI2/SMART TV/USB.



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

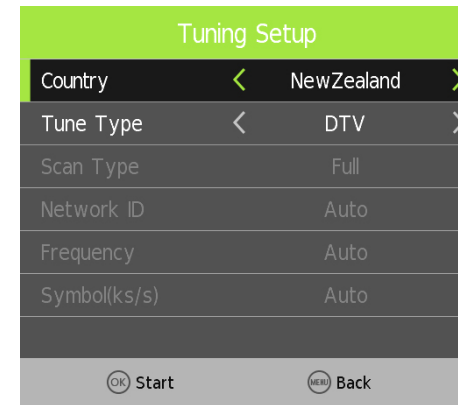


Channel

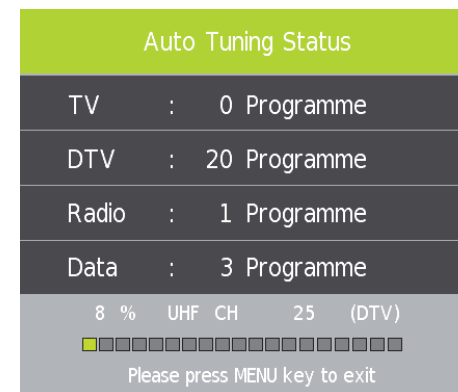


Auto Tuning

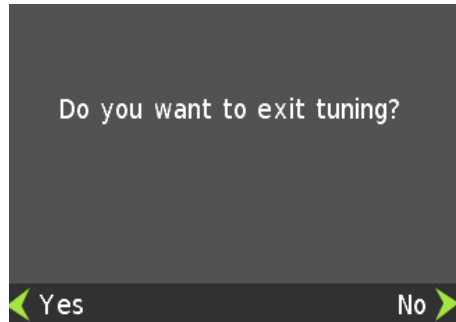
Under the Auto Tuning of CHANNEL menu. Press [LEFT]/[RIGHT]/[OK] key to enter Auto Tuning, the following prompt box will appear.



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

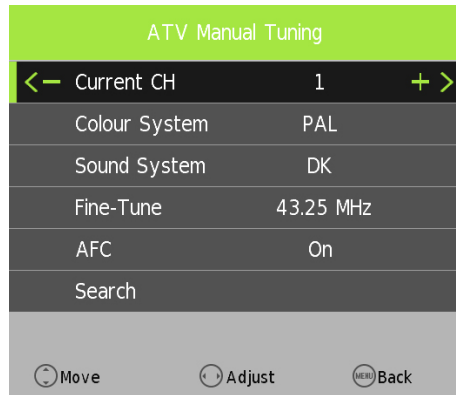


When search DTV, if you want to skip ATV and directly enter DTV, press MENU to enter the menu as follows:



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.

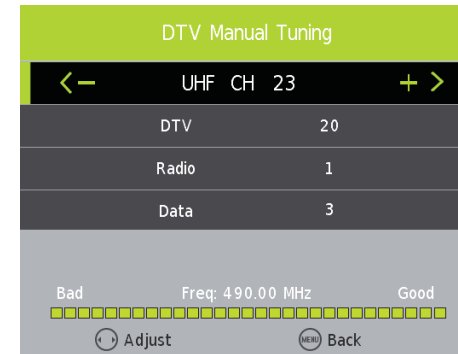
ATV Manual Tuning



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

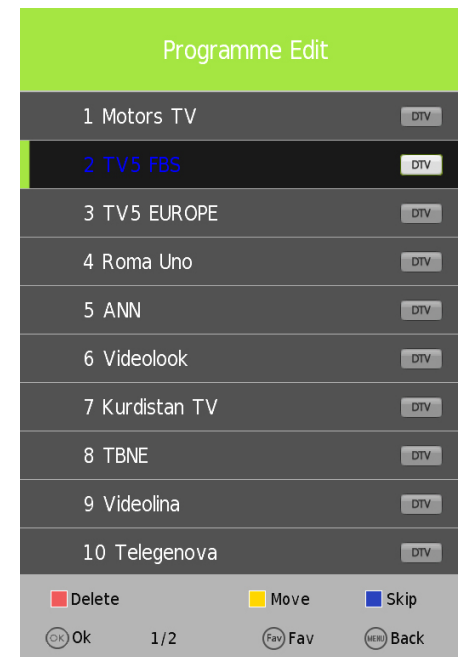
Tips: After searching the channel manually, press red key to save the channels, or, the channel you searched won't be saved.

DTV Manual Tuning



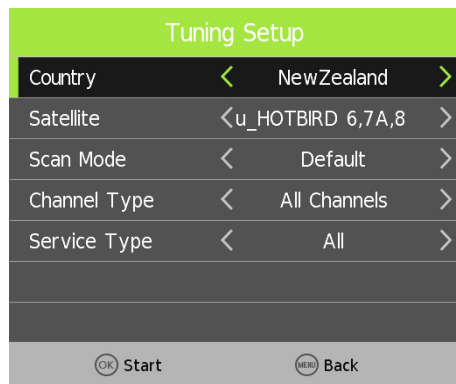
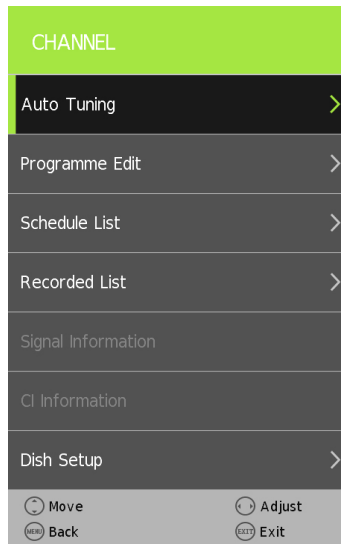
Press [LEFT]/[RIGHT] to adjust channels, when there is signal, press OK then begin DTV searching.

Program Edit



Satellite

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



Dish Setup			
Satellite	TransPonder	Ku_HOTBIRD 6,7A,8	
01 Ku_HOTBIRD 6,7A,8	001 10723 H 29900	LNB Type	09750/10600
02 Ku_ASTR A 19.2E	002 10775 H 28000	LNB Power	13/18V
03 Ku_Eutelsat 5W A	003 10830 H 3333	22KHz	Auto
04 Ku_ASTR A 1E,1G,3A	004 10853 H 27500	Toneburst	None
05 Ku_TURKSAT 2A, 3A	005 10892 H 27500	DiSEqC1.0	None
06 Ku_Astra 2E,2F,2G	006 10930 H 27500	DiSEqC1.1	None
07 Ku_EUTELSAT W2	007 10971 H 27500	Motor	None
08 Ku_Eutelsat 9B	008 11013 H 27500		
Quality			
Delete	Edit	Add	Scan
Move	Select	Exit	

Channel edit function includes "Delete/Move/Rename/Skip/Fav". Fav/Skip mark will appear only after the users have some setting on the channel (Fav and Skip 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.

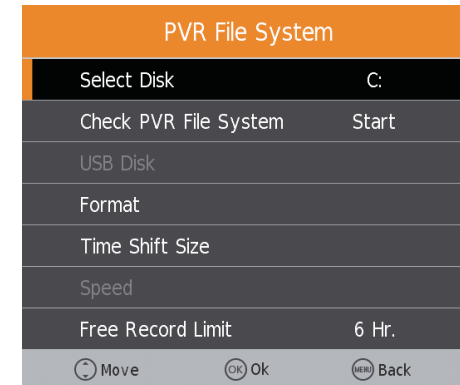
Skip: Press [BLUE] key, the program the cursor is in will be marked with SKIP. Then press CH+/CH-, to skip this program, and this program won't be selected; even when you press the number key.

Rename: Rename function only appears and can be used under ATV program. Press [GREEN] key under ATV, to rename the program.

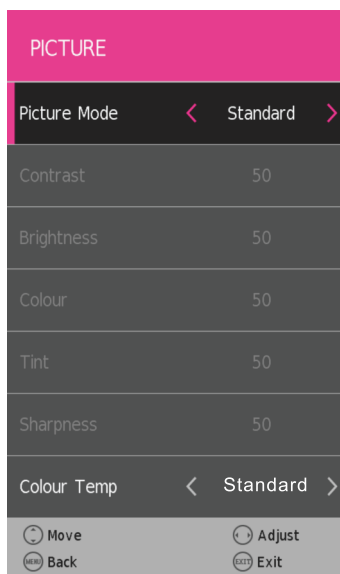
Fav Favorite: Press [FAV] key, to mark the program the cursor is in as a favorite program.

PVR

In CHANNEL menu, under PVR File system option, press [LEFT]/[RIGHT]/[OK] key to enter PVR menu, as follows:



Picture



Picture Mode

Standard->Mild->Dynamic->User->ECO Home, Picture mode selection.

Colour Temperature

Standard-> Cool -> Warm -> User Colour Temperature selection

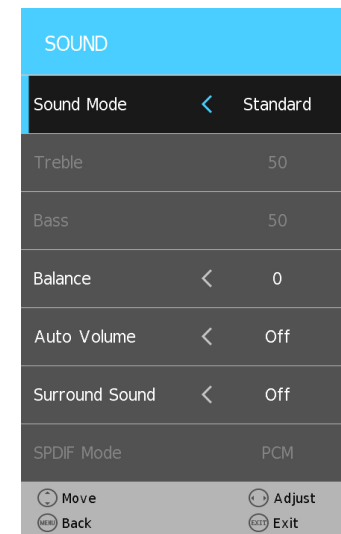
Noise Reduction

Off->Low->Middle->High-> Auto Noise reduction; it is under Hide status under VGA.

Sound

Sound Mode

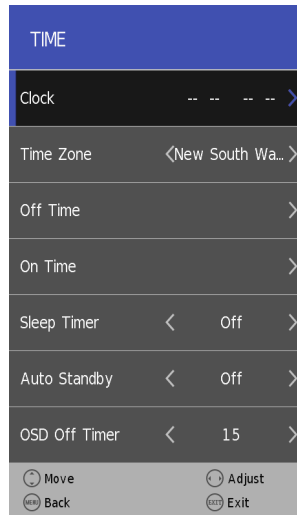
Press [UP]/[DOWN] button to select Location, then press [LEFT] / [RIGHT] button to select, then press OK button to confirm.



Time

Time Mode

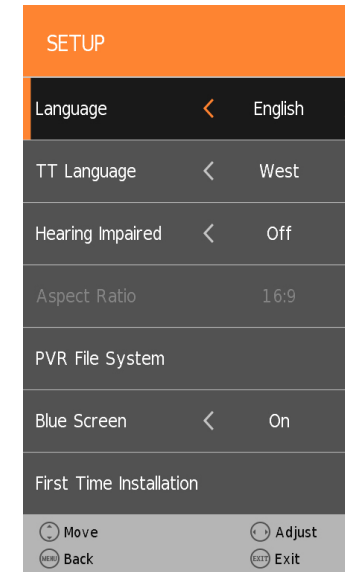
Press [UP]/[DOWN] button to select Location, then press [LEFT] / [RIGHT] button to select, then press OK button to confirm.



Setup

Setup Mode

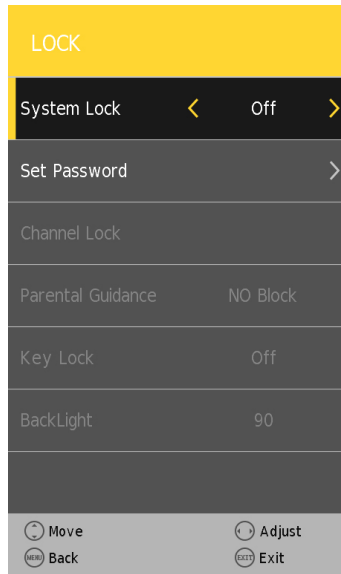
Press [UP]/[DOWN] button to select Location, then press [LEFT] / [RIGHT] button to select, then press OK button to confirm.



Lock

Lock Mode

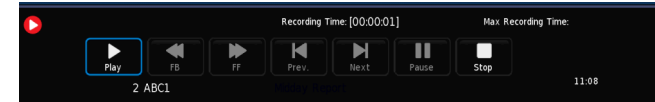
Press [UP]/[DOWN] button to select Location, then press [LEFT] / [RIGHT] button to select, then press OK button to confirm.



PVR

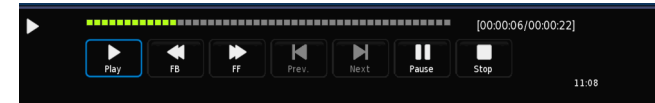
Record

In DTV, press [REC] button, it will display the following menu below, and start to record the current DTV program. Press [LEFT]/[RIGHT] button to move cursor to exercise different function according to hint.



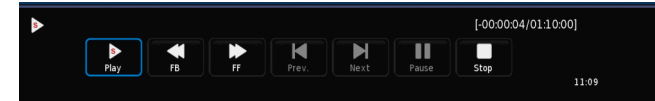
Playback

After recording the program, exit from Record, press [PLAY] button to implement Playback function. Different function can be implemented according to hint.



Timeshift

In DTV, press [PLAY/PAUSE] button to implement the function of Timeshift. Press [LEFT]/[RIGHT] button to move cursor to exercise different function according to hint.

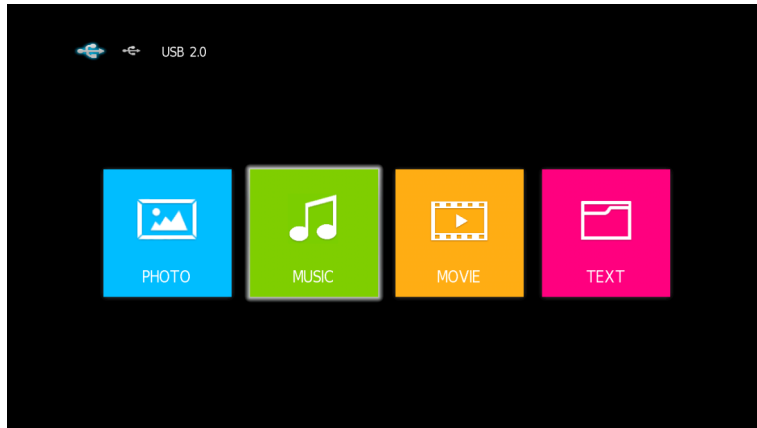


Media

Media Player

In the option of Media Player on Main Menu, 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.

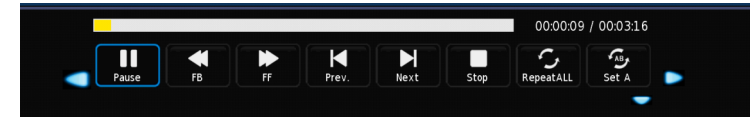


On File Selector menu, select film source that needs to be play according to the hint. Press [PLAY/PAUSE] button to enter into the play mode of full screen; press [PLAY/PAUSE] to return to Media Player menu.

Media Player

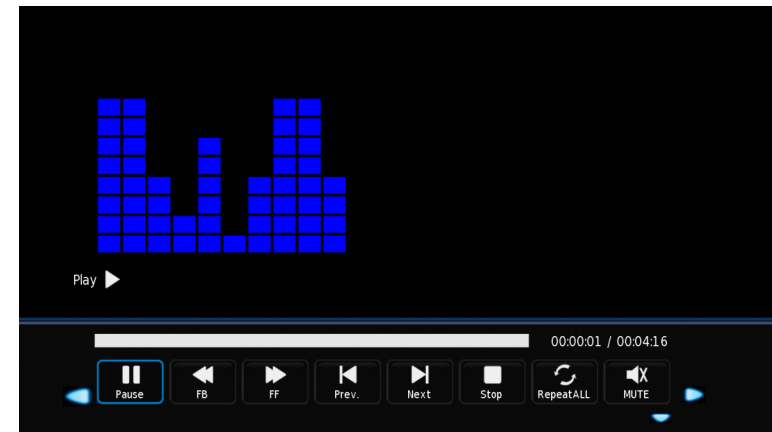
Movie

On Media Player menu, move cursor to movie, press [OK] button to enter into File Selector 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.



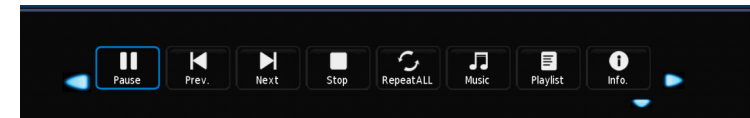
Music

In the same way, on Media Player menu, move cursor to Music, press [OK] button to enter into File Selector 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 File Selector 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

Area	Problem	No	Potential Cause	Solution
Power	No red standby light on TV		Power supply not receiving/giving power	Check connection between power lead and PSU - green light should be visible on PSU
	Standby light stuck on red		Remote not emitting signal	Try new battery in the remote
	Standby light green; no picture		Power supply not receiving/giving power	Check connection between power lead and PSU - green light should be solid on PSU
Signal/ Input	DTV - No signal	1	Not tuned in with channels	Auto-tune using DTV Auto-search in menu
		2	Aerial problem	Try TV on another aerial in different location - if picks up channels, likely an issue with the location of the bathroom aerial
	DTV - Inteference on screen		Caused by equipment around the the aerial	Move aerial to different position away from any power cabling
	HDMI - No signal	1	No signal received from source	Check connection on TV and source
		2	Source emitting 4K signal	Scale down resolution from source to 1920x1080 (1080p)
USB - Media cannot be played		File format not compatible	Change file format and attempt to play	
Audio	No sound - Speakers	1	Mute	Try mute button on remote
		2	Sound trying to route to external speakers	Disconnect audio out/earphone port
	No sound - external speakers		No signal bewteen TV and external speakers	Check audio connection at either end

NOTE: Thank you for purchasing a ProofVision TV. Our products have been designed with over 10 years of engineering excellence and are designed of the highest quality standard in the Waterproof electronics industry. Should you encounter any problems that cannot be easily addressed within this instruction manual, please feel free to contact us on: +44(0)2034111693, or email us on technical@proofvision.co.uk.

“Proofvision Unit 1 Avad House Notholt UB5 5HY United Kingdom”

WEEE Compliance Scheme

Worldwisetrading Ltd is a producer of Electrical and Electronic Equipment (EEE) and is therefore obligated under the Waste Electrical and Electronic Equipment (WEEE) Regulations. We are fully compliant with all responsibilities as a registered member of UK government approved WEEE Compliance Scheme, Comply Direct. Our WEEE producer registration number is WEE/CF2743YR.

We have formally documented policies relating to the WEEE Regulations and we review our processes on a formalised and regular basis to ensure we remain fully compliant.

The UK WEEE Regulations were first introduced in 2007 with the aim of reducing the amount of EEE ending up in landfill. As per the requirements of the Regulations, we finance the recovery and recycling of WEEE when it reaches the end of its life and ensure our EEE products are marked accordingly with a crossed out wheeled bin symbol and a date mark. We also provide information on reuse and environmentally sound treatment of the products.