

RVMedia EVOLUTION

by **CAMEC**

12/24V HD LED TV/DVD/USB with **BLUETOOTH**[®]*



044477	19" TV (excludes Bluetooth)
044695	22" TV
044478	24" TV









Instruction Manual


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IMPORTANT SAFETY INSTRUCTIONS

Read this manual thoroughly before first use and keep it in a safe place for future reference, along with the warranty card, purchase receipt and carton. The safety precautions enclosed herein reduce the risk of fire, electric shock and injury when correctly adhered to.

	47 cm (19")	
	Part Number: 044477	
	INPUT DC 12V  4A Max: 38W	
		
CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN		
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
		
After sales support AU TEL: 1300 422 632 NZ TEL: 09 257 2419		
Date: November 2017 Made in China		
SN: 		

 This symbol is intended to alert you 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 persons.

 This symbol is intended to alert you to the presence of important operating and servicing instructions in the documentation accompanying this unit.

- Before installing this TV set, make sure your outlet voltage corresponds to the voltage stated on the appliance rating label of the power adaptor being used..
- Only use this TV with the power adaptors supplied. If either plug does not fit into your outlets, consult your dealer or an RV service center for replacement of the outlet.
- Do not overload the power outlet.
- **CAUTION** To reduce the risk of fire or electric shock, do not expose this TV set, the power supply cord, plug and antenna cable to rain or moisture; do not use it anywhere near water; do not touch the power plug with wet hands.
- Do not let the cord hang over the edge of a table or counter, or touch hot surfaces.
- Do not allow anything to rest on or roll over the power cord and antenna cable. Protect the cord and run all cables so that no one steps on or trips over them.
- Do not run the cord near heat-producing appliances such as radiators, stoves or irons. The excessive heat could melt the insulation and expose live wires.
- When not in use, disconnect the power cord from the outlet. Hold the plug, not the cord, when disconnecting the unit. Pulling the cord can damage the internal wires and may cause a fire.
- Never touch the TV screen, antenna or cord during thunderstorms. Stop use during thunderstorms; unplug the unit when a thunderstorm is approaching.

Usage conditions and restrictions

- Follow the instructions in this manual when installing and adjusting the TV set. Only adjust those controls that are covered in this instruction manual; improper adjustment of other controls may result in damage. If this happens, unplug the TV and have it serviced by appropriately qualified personnel.
- Do not change or modify the TV set in any way. Only use the attachments/ accessories specified.
- Do not cover the ventilation openings with items such as newspapers, tablecloths, curtains etc., as this could impede ventilation.
- Do not insert any objects of any kind into this unit through the ventilation slots or DVD slot, as they could touch the current-carrying parts or short-circuit parts, resulting in fire, electric shock or damage to the unit.
- Do not touch the screen with fingers, as this may scratch or smudge the TV screen.
- Do not expose the batteries to excessive heat such as sunshine, fire or the like.
- Unplug the TV set in all of the following circumstances:
 - If it has been subject to impact or has been dropped and is damaged.
 - If its voltage adaptor plugs, or the wall socket, are damaged.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Young children should be supervised to ensure they do not play with the TV.

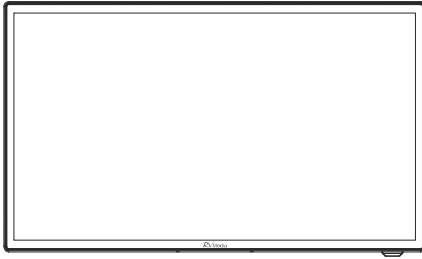
Position

- If a television is not positioned in a sufficiently stable location, when stand mounted, it can potentially be hazardous if it falls. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
 - Using cabinets, shelves or stands that provide a sturdy support for the TV and are not in areas where the TV can be accidentally knocked or bumped .
 - Only using furniture that can safely support the television.
 - Ensuring the TV is not overhanging the edge of the supporting furniture.
 - Not placing the TV on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the TV to a suitable support.
 - Not standing the TV on cloth or other materials placed between the TV and supporting furniture.
 - Educating children about the dangers of climbing up to reach the TV controls.

IMPORTANT SAFETY INSTRUCTIONS Cont'd

- When deciding where to put the TV set, make sure the location is:
 - Well ventilated. Leave at least a 20cm space all around the TV set for good ventilation.
 - Protected from overheating and away from direct sunlight.
 - Away from damp and cold.
 - Away from areas with extremes of temperature (below 0°C or exceeding 40°C) or moisture.
 - Away from moisture drips or splashes.
 - Protected from excessive dust.
- Do not install this equipment in a confined space such as a bookcase or similar.
- Do not put any objects filled with liquids, such as vases, on top of the TV set.
- Do not place any naked flame sources, such as lighted candles, on top of the TV.

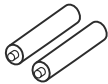
WHAT'S IN THE BOX



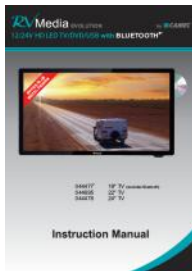
TV with inbuilt DVD Player



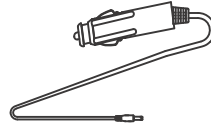
Backlit Remote Control



2 x AAA batteries



Manual



Accessory Plug



Mini AV

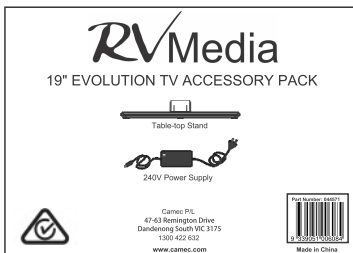


Mini YPBPR

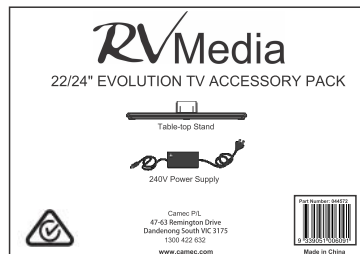


Warranty Card

OPTIONAL ACCESSORIES

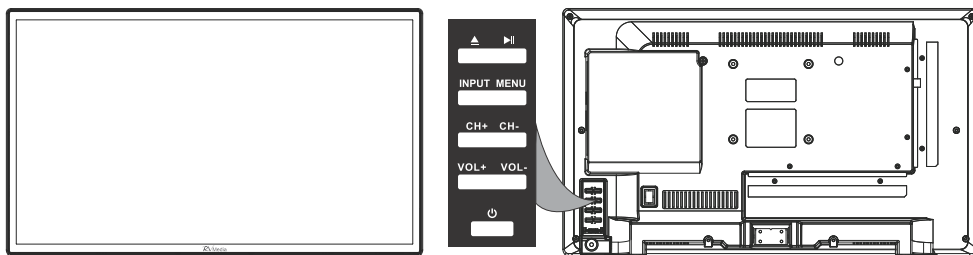


19" TV Stand and 240V Plugpack
kit - Part Number: 044571



22" & 24" TV Stand and 240V
Plugpack kit - Part Number: 044572

CONTROLS ON THE TV



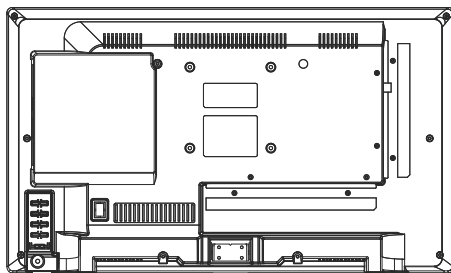
- ▶|| After you insert a disc in the disc tray, press the ▶|| button to play, and press twice to pause. Press the ▲ button when the power is on to eject the disc. Press the ▲ button again to re-load the disc.
- VOL(+)** - This button increases the TV's volume. If the On Screen Display (OSD) menu is active, pressing this button will move the selection to the right.
- VOL(-)** - This button decreases the TV's volume. If the OSD menu is active, pressing this button will move the selection to the left.
- CH(+)** - This button changes the TV channel upward. If the OSD menu is active, this button functions as up control for the menu.
- CH(-)** - This button changes the TV channel down. If the OSD menu is active, this button functions as down control for the menu.
- MENU** - This button activates the OSD menu. If a sub-menu is active, pressing this button will return selection to the previous menu level.
- INPUT** - This button switches between all the different sources of the TV. When the OSD is active, this button acts as the enter button and confirms the menu selection.
- POWER (⏻)** - Turn on the TV by pressing the button once. Press the button again to turn off the TV.

INSTALLATION

Wall-Mounting

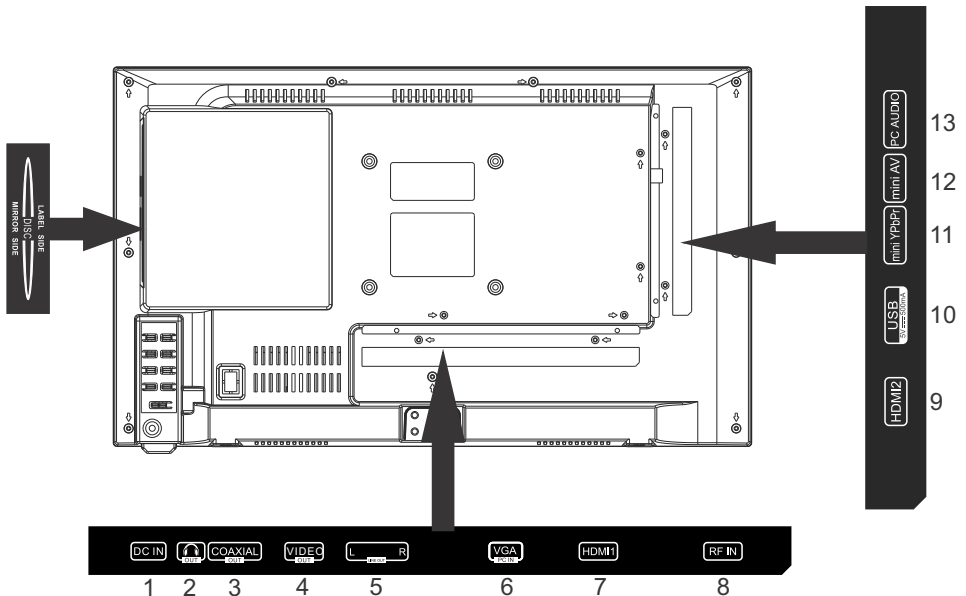
This television set is equipped with VESA mounting points on the back panel for use with wall-mounting brackets (not included).

NOTES: The distance between the holes is 100 x 100 mm in width and height



It is recommended that this TV be removed from the wall bracket when the RV is in transit.

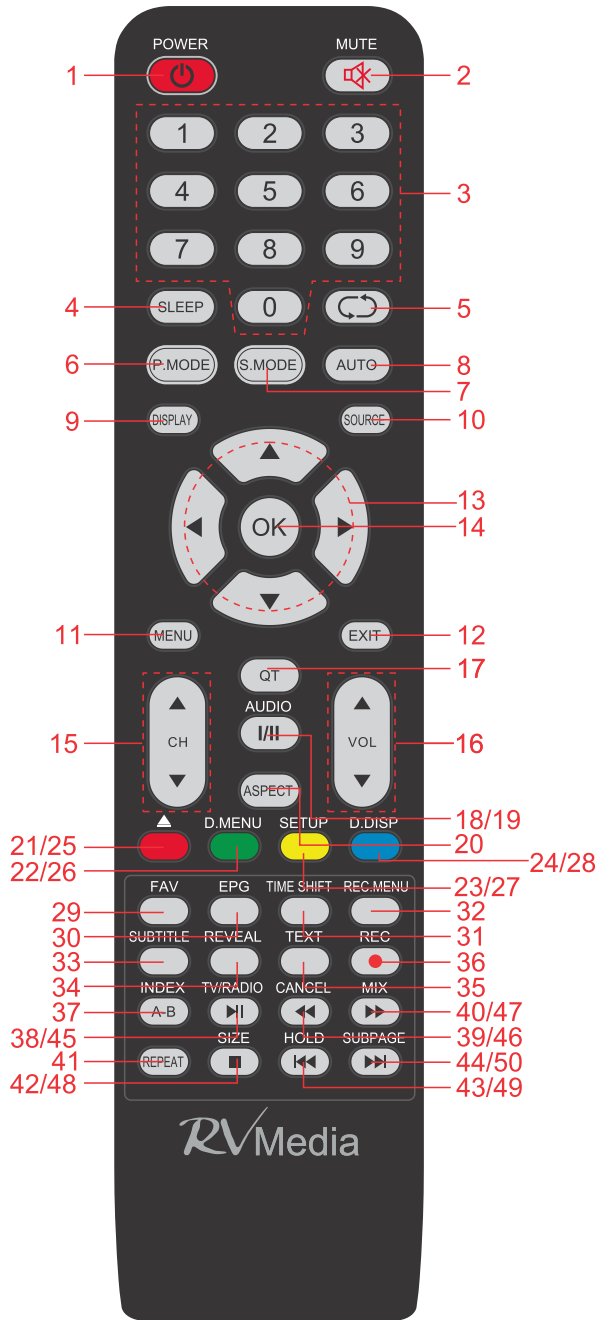
TV INPUT & OUTPUTS







NOTE: Please, make sure the inputs and outputs have solid connections before connecting power.

1. **POWER** (DC12/24V or plugpack) input.
2. **Headphone Jack:** Headphone output jack.
3. **Coaxial Out:** Digital Audio output for surround sound/sound bars etc.
4. **Video Out:** This mirrors the Video Signal from Input 12 (A/V) ONLY. The output is Video only; not audio.
5. **AUDIO output:** Audio output for external devices such as Head Units, amplifiers etc.
6. **VGA Input Jack:** Connect to the VGA output jack on a personal computer.
7. **HDMI 1 Input Jack:** HDMI in.
8. **RF Input:** Connect to external antenna to receive the ATV/DTV signal in DTV/ATV mode.
9. **HDMI 2 Input Jack:** HDMI in.
10. **USB:** USB Port for media playback when Media is the TV's selected source.
11. **Mini Y/Pb/Pr:** Component Video in - use the supplied adaptor lead.
12. **Mini A/V In:** Composite Video & Audio in (A/V).
13. **PC Audio Input Jack:** Connect to the Audio Out jack of a computer.

REMOTE CONTROL FUNCTIONS



REMOTE CONTROL FUNCTIONS

No.	Button	Description
1	POWER	Turns the TV on or off to standby mode.
2	MUTE	Press to mute the sound. Press again to regain sound.
3	0-9	Press 0-9 to select a TV channel directly. The channel will change after 2 seconds.
4	SLEEP	Set the delay time for the TV to turn off automatically.
5		Return to the previously viewed program.
6	P.MODE	Select the picture mode.
7	S.MODE	Select the sound mode.
8	AUTO	Use for adjustments in PC mode.
9	DISPLAY	Press to display the source and channel info.
10	SOURCE	Press to select signal the source for the TV.
11	MENU	Allows you to navigate the on screen menus (OSD).
12	EXIT	Exit from the current menu or sub-menu.
13		Allows you to navigate the on-screen menus and adjust the system settings to your preference.
14	OK	Select the option.
15	CH+/-	Press these two buttons to change channels up/down.
16	VOL+/-	Press these two buttons to increase/decrease the volume.
17	QT	Quick Tune. Quick TV Channel Autotune Button.
18	AUDIO	Press to change the DTV or DVD audio language.
19	I/II	Select NICAM audio mode. Only be available for TV programmers with NICAM transmission, and default mode is mono.
20	ASPECT	Press this button to select the aspect ratio of the screen.
21		Eject/insert disc.
22	D.MENU	Quick Teletext navigation or setup settings / DVD: Video DVD Menu button.
23	SETUP	DVD system setup.
24	D.DISP	Quick navigation during Teletext or setup settings / DVD: DVD Information button.
25	R (DELETE)	Delete function button.
26	G (RENAME)	Rename function button.
27	Y (MOVE)	Move function button.
28	B (SKIP)	Skip function button.
29	FAV	Selects favorite channel(s).
30	EPG	Press to display EPG (Electronic Program Guide).
31	TIME SHIFT	Press to switch to TIME SHIFT mode.
32	REC.MENU	Press to switch to REC.MENU immediately (DTV only).
33	SUBTITLE	Press t e.
34	REVEAL	Shows hidden words or pages by Teletext.
35	TEXT	Switch on/off of Teletext window.
36	REC/ 	Press to record the program immediately.
37	INDEX	Returns to Index page b y Teletext.
38	TV/RADIO	Press to switch between DTV and radio programs

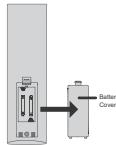
REMOTE CONTROL FUNCTIONS

No.	Button	Description
39	CANCEL	Switches the Teletext window to the background; only the current page no is visible.
40	MIX	Sets the transparency of Teletext window.
41	REPEAT	DVD: Repeat mode selection.
42	SIZE	Zoom In or Out of the Teletext window.
43	HOLD	Holds on the current Teletext page.
44	SUBPAGE	Displays a sup-page of upper Teletext options.
45	⏸	Play and Pause Media-Player / DVD.
46	⏮	Fast Rewind Media-Player and DVD.
47	⏭	Fast Forward Media-Player and DVD.
48	■	Stops playback Media-Player and DVD.
49	⏪	Plays the previous Media Player or DVD file/chapter.
50	⏩	Plays the next Media Player or DVD file/chapter..

REMOTE CONTROL BATTERIES AND RANGE

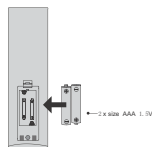
Installing Batteries

- 1 Open the battery compartment cover on the back side.

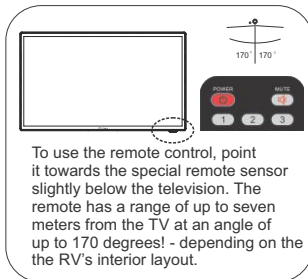
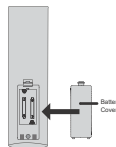


- 2 Insert two 1.5V AAA size Alkaline* batteries in the correct polarity. Don't mix old or used batteries with new.

*Due to the additional power required for the backlight function, we recommend the use of quality Alkaline batteries for best results.



- 3 Replace the cover.



Note:

- Batteries should not be exposed to excessive heat such as direct sunlight, fire or the like.
- If not being used for a period of time, please remove the batteries from the remote in case of leakage.
- Do not mix old & new batteries together.

GETTING STARTED

Power Connection Options

Power Adaptors

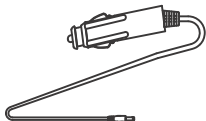
Your RV Media TV with inbuilt DVD & USB functionality can operate from two different power sources allowing you to use your TV in a multitude of applications:

- Caravans, Campers & RV's
- Trucks (12V or 24V operation)
- Marine (12V or 24V operation)
- Store Demonstrations
- Home use
 - Kitchens
 - Bedrooms
 - Garage
 - PC Monitor
 - Security systems etc.

12/24V operation

Your TV is supplied with a 12V style accessory lead (cigarette lighter plug) which can be connected to 12V or 24V sources. This power method also ensures that in 12V applications, your TV is protected from voltage spikes from Charges and Solar Systems etc up to 30V

Note this lead is also available as a spare part should you require a second power connection point or if it gets lost - Part Number: 044575



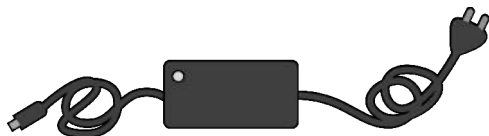
240V Mains Operation

The TV can also operate on 240V. This is done via an optional 240V adaptor.

If you require a 240V adaptor, please order a RV Media TV Accessory Pack (which includes the Adaptor and Table-top stand) from your local Camec dealer or online :

19" TV p/n: 044571

22" & 24" TV's p/n: 044572



GETTING STARTED - BASIC OPERATIONS

Make sure all necessary connections are correctly made before connecting the power adaptor and turning on the power. The power indicator on the TV will turn red to indicate it is in stand-by mode.

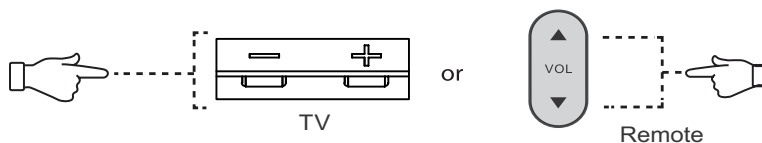
Power on/off

Press \odot/I on the remote control (or on the back of the TV) to turn on TV. The power indicator will change from red (stand-by) to blue (on).

To turn the TV off, press \odot/I . The unit will revert to stand-by mode and the power indicator will turn red.

Volume adjustment

Press [VOL-] to reduce the volume, press [VOL+] to increase the volume.



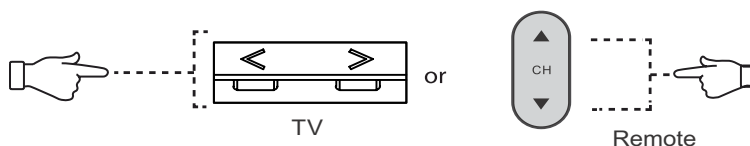
Mute function

Press [MUTE \times] on the remote control to switch off the sound temporarily, press it again (or the [\blacktriangle / \blacktriangleright] button) to restore the sound.

TV channel selection

To select your TV channel, select analogue (ATV) or digital (DTV) as input source first, then choose your channel one of the following ways:

- Press [CH ∇] or [CH \blacktriangle] on the main unit.
- Press [0-9] using [-/+] if necessary if the channel number has 2 digits or more to input the channel number directly.

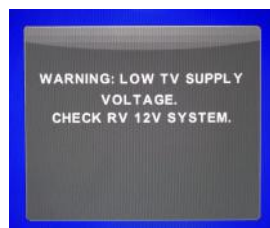


ON SCREEN LOW BATTERY VOLTAGE WARNING

If the RV's system voltage drops below 11V* when powering the TV via the 12V accessory lead, an on screen warning will be displayed warning you of the low voltage state.

Low battery voltage can not only potentially damage electronic devices, it may also reduce the battery life. While RV Media Evolution TV's are designed to operate at voltages as low as 10V, we recommend you charge your battery(s) if this warning is displayed. When the system voltage rises above 11V, the warning message will disappear.

* This voltage may vary depending on battery capacity, vehicle wiring etc.



FIRST TIME INSTALLATION

Firstly connect an RF Antenna cable from the TV's RF output to the TV Antenna socket.

When you turn on the TV for the first time or Reset the TV from the Setup menu, you will be presented with a number of dialogue boxes that will step you through the TV tuning process.

Setup Process

First Time Installation Menu

Selection 1: Language - English - select OK on the remote. Note this is the menu language setting.

Selection 2: Country: Australia. Please select a different country if applicable.

Selection 3: Environment: On. There is no need to adjust this setting.

Tuning Setup Menu

Selection 1: Tune Type - DTV. This does not need to be adjusted unless you need to receive Analogue TV signals (not Applicable for Australia).

Selection 2: Digital Type - DVB-T. This does not need adjusting for Australian & NZ Channels.

After these selections are finalised, press OK on the remote to begin Auto Tuning (see Channel



SELECTING AN INPUT SOURCE

Press Source on the remote, then use the arrow keys ▲▼ to select your desired source. Press OK on the remote to select the source.



SCHEDULE RECORDING & REMINDERS



Press the EPG button on the Remote control to access the Electronic Program Guide (DTV only)

Use the ▼/▲ keys on the remote to select a channel. The current programme on that channel will be displayed in the box on the right. You can then use the ▼/▲ keys to scroll up or down to select a programme. Note programmes will be displayed until midnight of the current day. You need to move to the next day by pressing the blue button on the remote to view after midnight and for the next day. To view programmes from the previous day, press the yellow button on the remote.

Record

Press the RED button on the remote control to enter the Recording sub-menu. You can set the channel, start and end times of the program you want to record using the ◀/▶ and ▼/▲ buttons. A USB drive must be inserted in the TV to record. For more information on recording, please see P25 for more information on the PVR function.

Info

Press the GREEN button on the remote to display detailed information about the program.

Schedule

Press the YELLOW button on the remote to display the Schedule List to display the programmes you have scheduled to record or be reminded of.

Remind

Press the BLUE button on the remote control to set a reminder for a program you would like to watch at a later date. Note this reminder which consists of a popup on the screen will only be displayed if the TV is on and the source is DTV.

NOTE 1: If you select a channel in the EPG and the available programmes are not displayed, briefly exit the EPG and quickly tune in to the channel. This will ensure the programme is downloaded for that channel.

NOTE 2: The EPG for a particular channel will only work if you can tune in to the Channel based on your location and TV signal area.

MAIN MENU OPERATION

Press the Menu button on the remote to select the Main Menu. From there, you can use the ◀/ ▶ buttons to select between the following sub-menus:

- Channel
- Picture
- Sound
- Time
- Lock
- Setup



Once you select a sub-menu, use the ▼/ ▲ buttons to select an option in the sub-menu.

CHANNEL SUB-MENU

Channel Menu (when DTV is selected as the source)



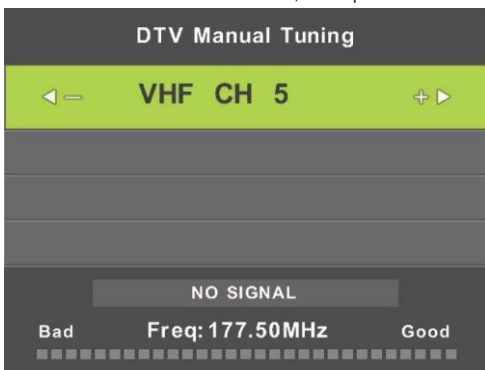
Auto Tuning

Press the ▼/▲ buttons to select Auto Tuning. After pressing the OK button, the auto tuning interface will be displayed. Auto Tuning can also be activated by pressing the “QT” button on the remote control while in DTV mode.

NOTE: You will need to press OK on the remote to confirm the country and language selection first before starting the Auto tune process.

DTV Manual Tuning

Press ▼ / ▲ button to select DTV Manual Tuning, then press **OK** button to enter sub-menu. Press ◀ / ▶ button to select channel, then press **OK** button to search program.



CHANNEL SUB-MENU

Program Edit

Press **▼ / ▲** button to select Program Edit, then press **OK** button to enter sub-menu.



Use the coloured buttons on the remote to edit the channels.

First press the **▲/▼** buttons on the remote to highlight the channel you want to select, then:

Press the **Red** button to delete the channel from the program list.
Press the **Yellow** button to move the channel in the list.

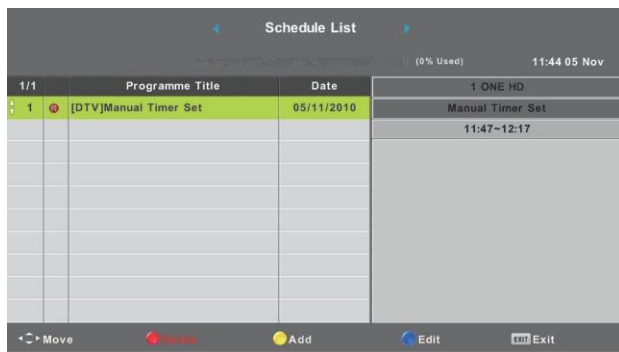
Press the **Blue** button to skip the selected channel (this channel will be skipped when using channel up/down on the remote).

Press the **Fav** button (no: 29) on the remote to add or remove the channel from your favourite list.

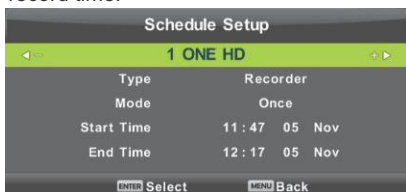
Schedule List

Press the **▲ / ▼** buttons on the remote to select Schedule List, then press **OK** to enter the sub-menu.

For more information on the Schedule List, please see the PVR section on P25



Press the yellow button to select Schedule Setup where you can manually select a PVR record time.



If you try to set a reminder for a programme or record and there is a programme scheduled at the same time, the message below will appear.



Signal Information

This displays the current signal information of the TV Signal. This option can be useful to help you position your RV's antenna.

PICTURE SUB-MENU



Picture Mode

Press ▼/▲ buttons to select Picture mode, and go into next interface by pressing the OK button. Then you can change picture mode to standard/mild/dynamic/personal using the ▼/▲ buttons. Note that you can only adjust the Contrast, Brightness, Colour, Tint & Sharpness settings when the **Personal** Picture Mode is selected.

Colour Temp

Press ▼/▲ to select the Colour Temp menu item, and then the OK button to take you to next menu where you can change Colour Temperature. Modes available are standard, warm, cool and personal. You can alter colour temperature with the ▼/▲ buttons.

Noise Reduction

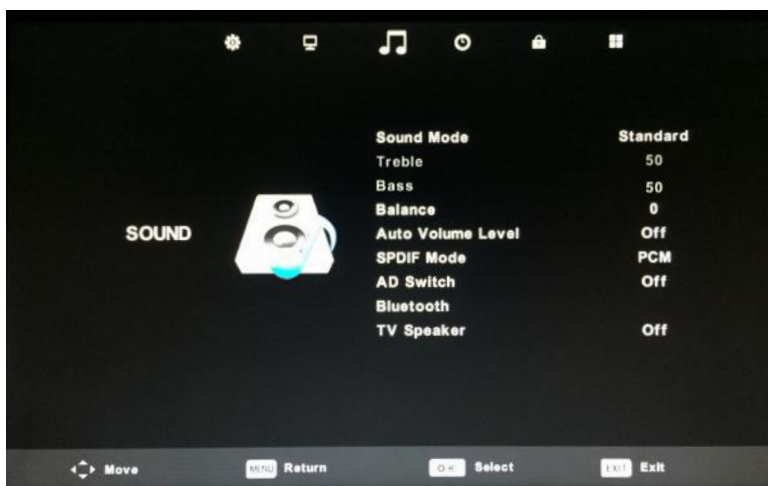
Noise reduction helps filter out and reduce image noise which can improve the picture quality from poor video sources.

Press ▼/▲ to select the Noise Reduction menu option, and then the OK button to take you to next menu. Then press the ▼/▲ buttons to select off/low/middle/high.

HDMI Mode

The default setting for this option is Auto and should not need to be adjusted.

SOUND SUB-MENU



Sound Mode

Press the ▼/▲ buttons to select Sound Mode. Then press the OK button to select from a list of sound modes. The sound mode can be switched between standard/music/movie/sports/personal using ◀/ ▶ buttons.

Personal Sound Mode

Bass & Treble settings can only be adjusted when the Sound Mode selection (above) is set to "Personal". Once this is set, Press ▼/▲ buttons to select the setting you would like to adjust:

Then use ◀ / ▶ buttons to increase or decrease the setting.

Balance

Press ▼/▲ to select Balance and then press OK button to go into the Sub menu. With the ◀ / ▶ buttons, the balance (between left & right speakers) can be adjusted.

Auto Volume (AVL)

This function when turned on will help even out the volume level between different A/V sources so one is not greatly louder than another. It can also help reduce the volume of loud TV ads compared to TV shows. The result depends greatly on the A/V source so this function is set default to off. To turn AVL on, press ▼/▲ buttons to select Auto Volume and then press OK. Press ◀ / ▶ buttons to turn AVL on/off.

SPDIF Mode

This setting selects the output mode for the coaxial digital lead. The default setting is PCM and this should be suitable for most amplifier connections. NOTE a coaxial digital connection is not required with HDMI connections.

AD Switch

This turns on the Audio Description function where available.

BLUETOOTH (ONLY AVAILABLE ON 22" & 24" MODELS)



Bluetooth

Press the ▼/▲ buttons to select Bluetooth. Then press the OK to enter the Bluetooth sub-menu.

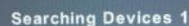
Press ► to activate the TV's Bluetooth Audio transmitter.

Bluetooth Pair

Press ▼/▲ the buttons to select Bluetooth Pair then press the OK button to select. The TV will then search for available Bluetooth playback devices such as Speakers, Headphones etc. This search will take around 1 minute and the number of devices discovered will be displayed on the screen as the search progresses.

Once the search is completed, the paired Bluetooth device list will be displayed. Select the desired Bluetooth device using the ▼/▲ buttons if there is more than one device and then press the OK button to select the device. If a PIN is required, then please enter the PIN using the buttons on the remote.

"Connecting" will be displayed on the screen then once the device is paired, audio will play through the Bluetooth device and the TV speaker will be turned off.



NOTE 1. The Bluetooth device volume level can be both controlled by the TV and on the device itself if it has a volume control. If you prefer to control the volume on the BT device, then we recommend that the volume on the TV be increased to 100. If you would prefer to control the volume of the BT device via the TV, we recommend you turn the volume on the BT device to full.

NOTE 2. If a device has been previously paired to the TV, depending on its Bluetooth Version, it should automatically re-pair to the TV. If not, you do not need to do a search every time you want to connect the device - simply go to the Paired List menu and select it from there.

NOTE 3. While the TV's internal speakers are automatically turned off when a Bluetooth device is connected, they can be turned on if required - see "TV Speaker" section on the next page.

Paired List

Press ▼/▲ to select the Paired List and OK to select. Use this menu to connect to a previously paired Bluetooth Device.

SOUND SUB-MENU - BLUETOOTH cont'd

Disconnect

Press the ▼/▲ buttons to select the Disconnect and OK to select. Use this option to Disconnect the currently paired Bluetooth device, but not turn off the TV's Bluetooth transmitter. This will also re-activate the TV's internal speakers.

Bluetooth Reset

Should your Bluetooth device stop working or its operation become intermittent, or you wish to clear some of the Bluetooth devices from the Paired List, then press the ▼/▲ buttons to select Bluetooth Reset and OK to select.

This will clear the Paired List so you will need to go back to the Bluetooth Pair sub-menu to search for the Bluetooth device you wish to pair.

TV Speaker

This option in the Sound Menu allows you to turn the TV's internal speakers on or off.

Press the ▼/▲ buttons to select the TV Speaker then press the ◀ / ▶ buttons to turn the TV speaker on or off.

This is a particularly useful feature in conjunction with Bluetooth operation as, for example, if you are using a Bluetooth speaker that is outside the RV, you can turn on the TV speaker so the TV programme can be heard both inside and outside the RV.



TIME MENU



Clock

The clock and date is automatically programmed from information received from Digital TV Channels. You should not need to use this sub-menu once you have received a Digital TV signal.

Time Zone

The Time Zone is also programmed from the DTV signal and should not need to be adjusted.

Sleep Timer

Select Sleep Timer with the ▼/▲ buttons and press the OK button. Then with ▼/▲ buttons, the sleep timer can be set to automatically turn the TV off in 15/30/45/60/90/120 or 240 minutes.

Auto Standby

Select Auto Standby with the ▼/▲ buttons and press OK button. Then with the ▼/▲ buttons, select 3,4 or 5 hours. The TV will turn off if there is no activity using the remote or buttons on the TV for this period of time.

OSD Timer

The OSD Timer sets the amount of time the on-screen menus are displayed on the TV. The default time is 15 seconds but should you wish to change this, select OSD Timer with the ▼/▲ buttons then press the OK button. Then with the ▼/▲ buttons, select 5, 15 or 30 seconds.



System Lock

Select Lock System with the ▼/▲ buttons and then enter the password (default is "0000") to then access the Channel Lock, Parental guidance, Key Lock & Hotel Mode menus.

SET Password

Select Set Password with the ▼/▲ buttons. Then press the OK button to enter the old password (default is "0000") and then set a new password by entering it twice.

Channel Lock (DTV TV only, DTV must be selected as the source)

Select Block Program with ▼/▲ buttons, and press OK button. You can then add the channels you wish to block.

Parental Guidance (DTV TV only, DTV must be selected as the source)

Select Parental Guidance with ▼/▲ button, and then press the OK button. With the ◀ / ▶ buttons, the parental guidance function can be turned on or off.

Key Lock

This function disables the buttons on the back of the TV. To activate, select Key Lock with the ▼/▲ buttons. Then with the ◀ / ▶ buttons, the Key Lock function can be turned on or off.

Hotel Mode

Hotel model allows you to select a number of features that make this TV also useful for shop displays, promotions or where you are after simple operation from one source.

Select Hotel Lock with the ▼/▲ buttons after you have turned the system lock off.

Source Lock

Source Lock allows you to limit the input sources available on the TV - for example, just DVD

Default Source

Default Source allows you to select which input source is selected when the TV is first turned on.

Default Prog

This allows you to set the default DTV channel when the TV is turned on.

Default Volume

The Default Volume setting allows you to set the desired volume level for when the TV is turned on.

Max Volume

Max Volume limits the maximum volume that the TV can be turned up to.

Import Database/Export Database

Allows specific Hotel Mode settings to be imported/exported to & from other TV's

SETUP MENU



Language

Select Language with the ▼/▲ buttons then press OK to adjust the on-screen Language.

TT Language

This setting is not used in Australia & New Zealand

Audio Languages

Press ▼/▲ to select Audio Language and select language with ▼/▲ or ◀/▶ buttons. Press the OK button to confirm then the menu button to return to the previous menu.

Subtitle Languages

Press ▼/▲ to select Subtitle Language and select language with ▼/▲ or ◀/▶ buttons. Press the OK button to confirm then the menu button to return to the previous menu.

Hearing Impaired

Select Hearing Impaired (where supported) with ▼/▲ buttons and then press the OK button.

PVR File System

To check the status of the USB drive, format a drive or change the maximum record/timeshift setting, select PVR File System with ▼/▲ buttons and then press the OK button enter



Aspect Ratio

Press the ▼/▲ buttons and OK to select the Aspect Ratio. Use the ▼/▲ buttons to select your desired Aspect Ratio.
NOTE: This function is also available on the remote control (button 20).

Blue Screen

To have a Blue Screen rather than Black when no input signal is available, select Blue Screen with ▼/▲ buttons and then press the OK button to select on/off then the menu button to return to the previous menu.

First Time Installation

Press the ▼/▲ buttons and OK to select First Time Installation. This will clear and re-tune the TV channels.

SETUP MENU cont'd



Reset

Press the ▼/▲ buttons and OK to select the Reset. This will clear all of the user adjusted settings on the TV, but not delete the Bluetooth device Paired List.

Software Update (USB)

Software updates may become available for this TV from time to time. To update the software, copy the Software on to an empty USB drive and insert in the TV. Press the ▼/▲ buttons and OK to start the update process. .

HDMI CEC

HDMI CEC allows devices connected to the TV via HDMI to communicate back and forth with the TV. Please see below for specific CEC settings



CEC Control:

Press the ◀ / ▶ buttons to turn CEC Control on of off. The default setting is On

Audio Receiver:

Press the ◀ / ▶ buttons to turn Audio Receiver communication on or off

Device Auto Power Off:

Press the ◀ / ▶ buttons to allow HDMI CEC connected components to turn each other off.

TV Auto Power On:

Press the ◀ / ▶ buttons to turn HDMI CEC Auto TV power up on/off.

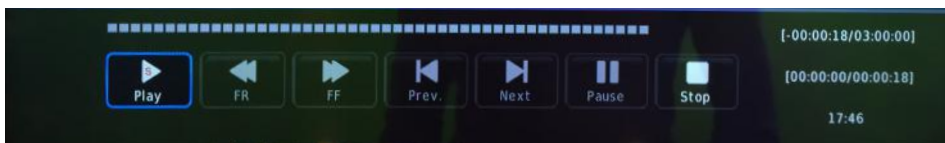
Device List

Press the ◀ / ▶ buttons to show HDMI CEC connected components

Device Menu

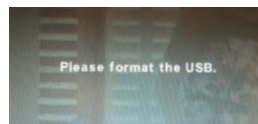
Press the ◀ / ▶ buttons to how the device menu.

PVR - PERSONAL VIDEO RECORDER FUNCTIONS



RECORD Live TV (DTV Only)

Ensure you have a correctly formatted USB drive inserted in the TV before recording. If the USB drive is not formatted properly, the TV will display a message advising that the USB drive needs to be formatted. To do this, go to the Setup Menu (P23), select PVR File System and follow the steps in the PVR File System sub-menu to format the USB Drive. Please ensure that you do not have any valuable data on the drive before you do this.



When watching DTV, you can press the **Record** button on the remote to start recording a programme. The Power light will also start flashing red/blue to confirm that recording is in progress. The TV will also display the recording control menu (shown above) when you commence recording.

NOTE: If you want to display this menu at any time when recording, simply press the OK button on the remote.

Stop Recording

Press OK on the remote to display the Record Menu then press the **Stop** button to stop recording. You can also press the **Stop** button twice to stop recording (the first press will bring up the Record Menu). The TV will then display a confirmation message to stop recording. Press **Left** on the remote to confirm. When the storage space of the USB drive is full, the TV will display a warning message then stop recording and return to normal broadcast Television.

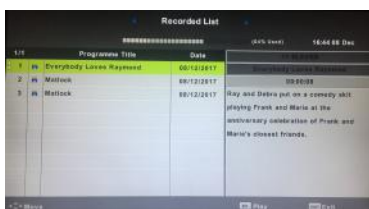
Time Shift/Pause Live TV

While watching DTV, press the "TIME SHIFT" button on the remote control to Pause Live TV plus bring up the time shift control menu. The time shift control menu is similar to the Record menu and you can perform various functions such as exit time shift, or fast forward to catch up to the live program etc. Pressing the "TIME SHIFT" button again will continue the live program from where you paused it (time shift).

NOTE: To display the Time Shift menu when the TV is either paused or on Time Shift playback, press the "OK" button on the remote control.

NOTE. The PVR function is only available for the TV channel that is being viewed. If you change the channel, the PVR function will stop. You cannot switch to another Source while recording. If you change the source, the recording will also be stopped.

To view programmes already recorded on the USB or view upcoming reminders, press the REC MENU button on the remote (button 32 - see P8). Use the **Left / Right** buttons to switch between the Recorded List & Schedule List. See P 16 to manage the Schedule List.



MEDIA PLAYBACK

Select "MEDIA" as a Source on the TV using the remote Control
Press the ◀ / ▶ buttons to select Photo/Music/Movie/Text, and then press the ENTER button to select the appropriate selection.

NOTE: A USB device must be plugged in to use these functions.

Important Advice on USB operation.

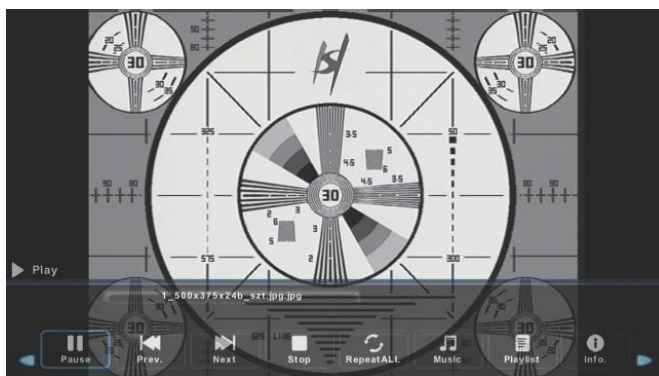
1. For best results, please insert the USB device after the TV has been turned on.
2. If a USB device is not recognised by the TV, please remove the USB and re-insert it.
3. It is recommended that your USB device be formatted to FAT32 for optimal Media playback. To check the formatting of your USB device, on a Windows PC, right-click on it's drive letter and select Format. If the File System is shown as anything other than FAT32, the select FAT32 from the drop-down box, check Quick Format and click Start to re-format the USB drive.

Please remove any valuable data you may have on the USB before doing this.



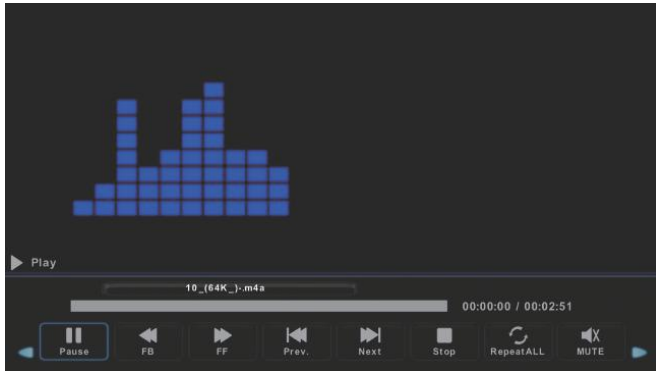
PHOTO VIEWER

1. Select PHOTO with the ◀ / ▶ buttons, and then press the OK button to enter sub_menu.
2. Select C:\, then press the OK button to select the USB drive.
3. Select the specific photo, and press ▶ button to view, press the ◀ button to view the previous image, press the ▶ button to view the next image. A menu with further options will also be displayed where you can use the arrow key to make further selections.
4. Press the Exit button to exit.



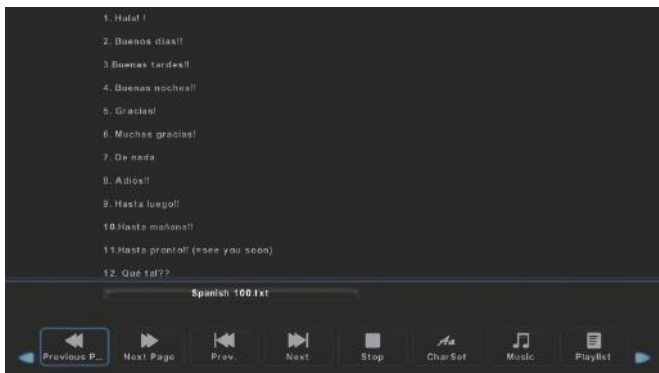
MUSIC PLAYBACK

1. Select MUSIC with the ◀ / ▶ buttons, and then press the OK button to enter sub_menu.
2. Select C:\, then press the OK button to select the USB drive.
3. Using the arrow keys, select a specific song, and press the ▶ button to play, press the ◀ button to play the previous song, press the ▶ button to play the next song. Selecting particular songs with the "OK" button will form a playlist of songs you want to play. Not doing this will mean that all of the songs are played in order after your first selection.
4. Press the RED button to delete a selected song/track.
5. Press the Exit button to exit.



TEXT VIEWER

1. Select TEXT with the ◀ / ▶ buttons, and then press the OK button to enter sub_menu.
2. Select C:\, then press the OK button to select the USB drive.
3. Select the specific file, and press the ▶ button to play, press the ◀ button to play the previous file, press the ▶ button to play the next file.
4. Press the RED button to delete the selected file.
5. Press the Exit button to exit.



MOVIE PLAYBACK

1. Select VIDEO with the ◀ / ▶ buttons, and then press the OK button to enter sub_menu.
2. Select C:\, then press the OK button to select the USB drive.
3. Highlight the specific video. When highlighted, the file information will be displayed and a preview of the video will start playing in the middle of the screen.

Press the “OK” button to start playback.

A player menu will be displayed where you can select options such as repeating videos etc. Select ◀ to play the previous title, select ▶ to play the next title.

4. Press the RED button to delete the selected video title.
5. Press the Exit button to exit.



CAUTION:

- Only the types of disc mentioned on the previous page can be played on this unit; DVD-ROM, CD-ROM, CVD, VCD etc. cannot be played back.
- A DVD-RW (video mode) can generally be played back, but not necessarily all DVDs of this type: playback capability depends on the recording conditions.
- A DVD-RW (VR mode) cannot be played back.
- A DVD+R/+RW can generally be played back, but not necessarily all DVDs of this type: playback capability depends on the recording conditions.
- A DVD-R that has recorded movie data can generally be played back on this unit, but not necessarily all DVDs of this type: playback capability depends on the recording conditions.
- A DVD-R without any recorded movie data cannot be played back.

Handling, storing and cleaning discs

- Never put anything except a 12cm DVD (or CD) into the disc slot. Foreign objects can damage the unit.
- Carefully wipe any fingerprints and dust from the signal surface of the disc (glossy side) with a soft cloth. Wipe straight from the center to the outside of the disc.
- Never use chemical cleaning spray, liquids or solvents to clean discs. These chemicals will permanently damage the plastic surface of the disc.
- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.
- Return any discs to their cases after use to protect them from dust and scratches.
- To prevent warping the disc, do not expose it to direct sunlight, high humidity or high temperatures for extended periods of time.
- Do not apply paper labels or write anything on either side of the disc. Sharp writing instruments, or the inks used in some felt-tip pens, may damage the surfaces of the disc.

DVD set up

Once you have made your initial settings, you can always operate the unit under the same conditions. The settings will be retained in the memory until they are changed, even if the power is turned off.

NOTE:

- Press [DVD SETUP] to activate the DVD player OSD menu.
- Press ◀/▶ to highlight and move between different sub-menus, then press ▼ to enter the sub-menu.
- Press ▲/▼ to move the highlight to the item you wish to select, then press ▶ to enter.
- Press ▲/▼ for adjustments.
- Press [DVD SETUP] to exit the OSD menu

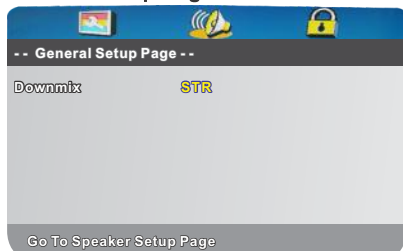
INITIAL SETTINGS (DVD)

General Settings page



1. **TV DISPLAY:** Set the screen ratio options are: Normal/PS (4:3 Pan Scan), Normal/PS (4:3 Letter Box) and Wide (16:9). The default settings is wide.
2. **OSD Lang:** Set the OSD Language options.
3. **CAPTION:** Play captions on supported DVD titles, Options: ON/OFF.
4. **LAST MEMORY:** Play DVD from last point. Options are: ON/OFF.

Audio Setup Page



1. **LT/RT:** Logic Surround stereo audio output. This matrix-based coding process enables stereo audio tracks to carry four channels (left, center, right and surround) of audio data.
2. **Stereo:** Analog stereo audio output. The player sends the subwoofer and speech signals to the Tv's speakers.

Preference Page



1. **TV Type:** The DVD player supports output of various systems including Multi, NTSC, PAL. The default setting is PAL and this should not need to be changed.
2. **Audio:** DVD language selection options.
3. **Subtitle:** This player can display DVD subtitle languages if supported by the DVD disc. When playing DVD's, you can hide the subtitle or choose any of them as the current subtitle language.
4. **Disc menu:** DVD Disc menu language selection options.
5. **PARENTAL** This function disables playback of specific DVD's which may be unsuitable for children. Some DVDs are encoded with specific rating levels. If the rating level of the disc is higher than that preset in this menu, playback of the disc will be prohibited. After selecting one of the PARENTAL codes, the screen will display the PASSWORD page. The default password is "8888".
6. **PASSWORD [DVD only]:** Allows you to change the current PASSWORD.
7. **Default:** This option will return the DVD to it's factory default settings.

WARNING!

For your personal safety, be sure to disconnect the power adaptor before proceeding with any maintenance or cleaning.

Cleaning the TV screen

- Do not touch the TV screen with sharp objects.
- Use a clean, soft cloth to wipe off any dust and fingerprints from the TV screen surface. Wipe in a straight motion from the center of the TV panel to the outside.
- Do not clean the screen with water or chemical cleaners, as this may damage the TV screen surface.
- Never use chemicals such as household cleaning sprays, antistatic sprays or fluids, benzene or thinner to clean the TV screen.





Cleaning the main unit

- Dust the TV set by wiping the screen and cabinet with a soft, clean cloth.
- If necessary, wipe the outside of the unit with a clean, soft cloth, moistened with lukewarm water.
- Do not use benzene, thinner or alcohol as these chemicals will smudge the surface finish.

Maintenance

- Do not dismantle this product by yourself, as this may cause damage. There are no user-serviceable parts contained in the TV set.
- If your TV set has been damaged, contact the after sales support line for advice or take it to a local service center for inspection or repair. No liability can be accepted for any damage caused by non-compliance with these instructions or any other improper use or mishandling of appliance.
- This product should not be adjusted or repaired by anyone except properly qualified personnel.

TROUBLESHOOTING

Problem	Possible cause	Possible solution
No picture and sound.	<ul style="list-style-type: none"> • The power adaptor is not plugged in or not working. • The wrong input source is selected. • The input source has failed to connect with the TV or is not turned on. 	<ul style="list-style-type: none"> • Plug the power adaptor into a suitable outlet. Try both the 12/24V & 240V adaptors • Select the correct input source. • Make sure the input source is correctly connected and turned on.
No sound.	<ul style="list-style-type: none"> • The volume control is set to minimum. • The mute  button on the remote control has been pressed • An incorrect sound system mode is set. 	<ul style="list-style-type: none"> • Press the  button to increase the volume. • Press  or the (or ) button to restore/increase the volume. • Set a correct sound system mode from the main menu to match your TV source.
No picture, or monochrome picture only.	<ul style="list-style-type: none"> • The colour system setting does not match the program. • The sound system setting does not match the program. 	<ul style="list-style-type: none"> • Select the appropriate colour system setting. • Select the appropriate sound system setting. (If unsure, use Auto settings where available).
Sound or picture interference.	<ul style="list-style-type: none"> • Some equipment that causes interference is close to the TV. • More than one device is plugged into the same power outlet. • An incorrect sound system mode is set. 	<ul style="list-style-type: none"> • Keep interference-causing equipment away from the TV. • Plug the power adaptor into another, separate power outlet. • Set a correct sound system mode from the main menu to match your TV source.
PVR recording failed, or "DISK NOT READY" is displayed.	<ul style="list-style-type: none"> • You may not have removed your USB device after the last recording, which is necessary to protect the device from damage. 	<ul style="list-style-type: none"> • Remove the USB device after each recording if you experience recording problems. If "DISK NOT READY" is displayed, remove the device, reconnect and then proceed with your recording.

TROUBLESHOOTING Cont'd

Problem	Possible cause	Possible solution
DTV Picture Pixelation	<ul style="list-style-type: none"> • Poor Signal 	<ul style="list-style-type: none"> • Adjust the position or orientation of the TV antenna. • Check the antenna connection from the wall plate to the TV. • Try re-tuning the channels as the channel frequencies may be different in some areas.

NOT ALL TV CHANNELS CAN BE TUNED IN

This is caused by a weak TV Signal which can be due to many factors such as RV location (in relation to the TV Transmitter), incorrect antenna rotation, poor quality antenna or poor quality antenna leads (eg the lead between to TV an wall socket). Even being located in a valley or gully or behind a large hill will affect the TV signal quality.

Further, if the TV Channels are tuned in a weak signal area where not all channels can be received, and the RV is then moved to a stronger TV reception area, the TV will still not pick all channels up as they may not have been tuned in or stored. **In this situation the TV should be re-tuned.**

If you cannot tune in all of the TV channels, one option is to plug the TV into better antenna (eg a home antenna) and re-tuning the channels to ensure they are all picked up. This will ensure that all TV channels can be tuned in when a strong enough signal is available.

TV Tuning can be activated easily by pressing the “QT” button on the remote control.

SPECIFICATIONS

Picture & Sound

Model	044477	044695	044478
Screen Size	19" (47cm)	22" (56cm)	24" (61cm)
Panel Resolution (pixels)	1366 x 768	1920 x 1080	1920 x 1080
Bluetooth	No	Yes	Yes
Brightness	200 cd/m ²	250 cd/m ²	250 cd/m ²
Contrast Ratio	1000:1	3000:1	3000:1
Response Time	14ms	8ms	8ms
Viewing Angle	178 (H) x 178 (V)	178 (H) x 178 (V)	178 (H) x 178 (V)
Display Type	LED		
Aspect Ratio	16:9		
Speakers	2 x 3W		
HD Modes	480i, 480P, 576i, 576P, 720P, 1080i, 1080P		
TV System	DVB-T/PAL		
Sound System	B/G, I, D/K		

Input/Output

TV Antenna In	1
HDMI Input	2
USB 2.0 Input	1
Component A/V in	1
Composite A/V in	1
PC (VGA) in	1
PC Audio in	1
DVD/CD Player	1
Headphones out	1
Coaxial Digital Audio out	1
Audio out (RCA)	1

USB Playback Formats

Movie	.mpg, .avi, .ts, .mov, .mkv, .dat, .mp4, .vob
Music	.mp3, .wma, .m4a/aac
Photo	.jpg, .jpeg

General Specifications

Dimensions excl. base	427 x 262 x 48mm	503 x 305 x 48mm	551 x 328 x 48mm
Dimensions incl. base	427 x 291 x 139mm	503 x 334 x 176mm	551 x 357 x 176mm
Net Weight	2.3kg	3.5kg	3.8kg
Wall Mount	100 x 100		
Operating Voltage	10-30V		
Operating Temperature	0-35 °C		

As RV Media continually strives to improve its products, Specifications may be subject to change without notice.

Warranty

This product is backed up with a 2-Year Nationwide Warranty.

Warranty Help line	Australia:	1300 654 936
	New Zealand:	09 257 2419

Evolution V1.1 April18

