



Instruction Manual

V2

Ultra High Definition
Personal Video Recorder

The Beyonwiz V2 digital receiver is fully compliant with the international Digital Video Broadcasting (DVB) standard, and thus is able to receive digital broadcasts of that standard.



Tech Support and Warranty claims.

If you have a problem with your V2 or need some help finding please follow these steps, if you don't find the solution in the first step move to the next.

- 1) Check our FAQs and how to Videos
- 2) Search our user forum for the answer
- 3) Join our user forum and post your question
- 4) Open a Support Request

Frequently Asked Questions

www.beyonwiz.com.au/faqs

How to Videos

www.beyonwiz.com.au/tv

User Forum

www.beyonwiz.com.au/forum

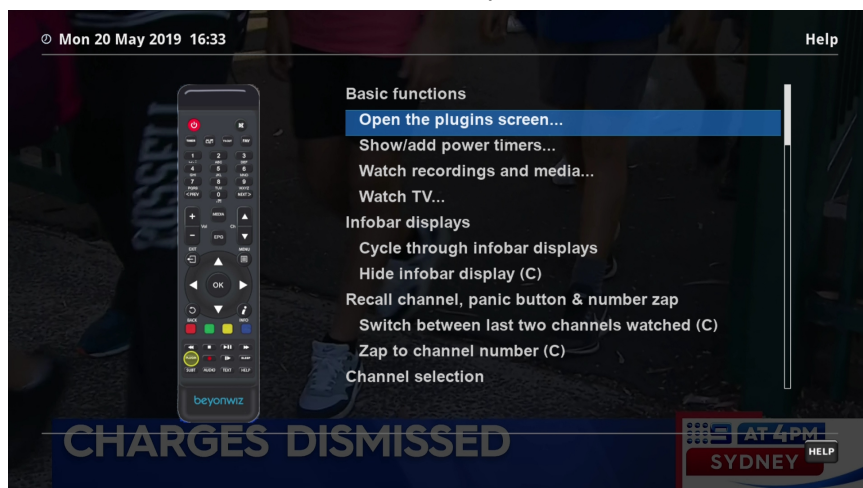
Support and Warranty Requests

www.support.beyonwiz.com.au



Located on the bottom right hand corner of the V2 remote control is the HELP button. You can press this button when there is a HELP button hint on the bottom right of the screen, the feature is also available while watching Live TV, while in timeshift mode, while browsing the EPG and while playing back recordings/media. In addition when in the help screen, pressing HELP gives instructions on how to use the help system.

When you press the HELP button you will get an onscreen interactive menu that explains what each buttons function is in that particular menu or function.



EPG HELP screen

Safety Precautions

This product has been manufactured to act in accordance with the international safety standards. Please read through the safety instructions carefully before using this product as the manufacturer takes no responsibility for any damages due to the consumer's misuse of the product.

1. Power Supply

- Use this product with the type of power supply that is indicated on the marking label. The V2 uses a 12V - 2.0A AC/DC adapter with an operating range is AC 90V~250V and 50/60Hz.
- Use an outlet that has surge suppression or ground fault protection.
- Do not overload a wall outlet, extension cord or adapter as this may result in electric fire or shock.
- Do not alter, bend, or twist the power cord or plug.
- Be sure to route the power supply cords so that they won't be walked on or pinched by items around it.
- Keep the power cord away from any heating appliances to avoid melting the cover vinyl.
- If the cord is damaged, do not plug in the product and be sure to get the cord replaced.
- When unplugging, grip the power plug, not the cord.
- If any of the following occur, unplug the product from the outlet and contact authorized service personnel:
 - The power cord or supply is damaged
 - Liquids of any kind have been exposed to the product
 - The product has been dropped or the casing has been damaged
 - The product is not performing as it should
- If the product won't be used for a long period of time, unplug it

2. Exposure and Placement

- Only operate the product in moderate temperatures.
- Place the product indoors to avoid exposing it to lightning, rain or direct sunlight.
- Do not expose any liquids or sources of open flame (such as candle flame) to the product.
- Do not place the product near any heat emitting appliances. This may cause impairment in cooling.
- Do not place the product on any unstable surface because it may fall and cause serious personal injuries and/or damage the product.
- Always make sure the product has enough space around it for ample ventilation and heat transfer.
- Do not place the product in a closed space (such as a cabinet) without suitable ventilation.
- Be sure to place the product approximately 10 cm away from any appliances that are exposed to electromagnetic influences, such as a TV or a VCR.
- Do not use any attachments or accessories that are not recommended by the manufacturer. This may cause hazards to the product, and may **void the warranty**.

3. Installation and Maintenance

- Before connecting or disconnecting the antenna cable to the product, be sure that the product is unplugged. Failure to do so may cause damage to the antenna.
- Before connecting or disconnecting the cable from the TV, be sure that the product is unplugged. Failure to do so may cause damage to the TV.
- Before cleaning the product, be sure that the product is unplugged.
- Use a damp cloth (do not use any solvents) to clean the exterior of the product.

4. Warnings

- Do not use this product near any flammable or explosive gases as this increases the risk of explosions.
- Do not use the product if any liquids or foreign objects come in contact with it.
 - Turn the product off, disconnect the power cord, and contact your dealer.
 - Do not use the product since this could cause a fire or electric shock.
- Do not operate this product or hold the power cord with wet hands as the risk of getting electronic shock is very high.
- Unplug the product and disconnect the Antenna cable during a thunderstorm or when left unattended and unused for long periods of time. This will prevent damage to the product due to lightning and power-surges.
- Do not use this product when it is out of order. Continued use when defective can cause serious damage to it and you.
- Do not put any alien items into or block the slots or ventilation openings of the product. This can cause damage to the product and reduce the life span.

5. Warranty

Be aware that any adjustments or handling (such as, but not limited to opening the casing) other than what is specified here may **void your warranty**. Attempting to modify the product may result in fire, injury, electric shock, or other severe damage to you or the product.

- Do not remove the cover, as there is risk of electric shock.
 - If it is absolutely necessary, please contact a trained professional.
- Do not try to modify the product as this may cause fires, injuries, electronic shocks or other severe damage to you or the product.

For full warranty info our Terms & Conditions Page
<https://beyonwiz.com.au/terms-conditions/>

Privacy Policy
<https://beyonwiz.com.au/privacy-policy/>

Contents

1	Introduction	4
1.1	Main Features	4
1.2	Product Descriptions	5
1.3	Remote Controller	7
1.4	Notes	8
1.5	Technical Specifications	9
2	Installation of Beyonwiz V2	11
2.1	Connecting Antenna Cable	11
2.2	Connecting the TV	12
2.3	Connecting Power	15
2.4	Power On/Off	16
3	First Time Installation	17
4	Basic Operations	20
4.1	Channel List	20
4.2	Switching Channel	21
4.3	Program Information	22
4.4	Volume Control	23

4.5	Selecting Audio Track	23
4.6	Subtitle	24
4.7	Sleep Timer	25
4.8	Electronic Program Guide	26
4.9	Timeshift	27
4.10	Recording	28
4.11	Recording Playback	30
4.12	PIP & Interactive Media	31
5	System Configuration	32
5.1	Main Menu	23
	Menu Structure	33
5.2	System Setup	34
	Recording Settings	34
	Subtitle Settings	35
	Initialize / Format Hard Disk	36
	Network Setup	36
	Skin Setup	39
	Channel Scanning	40
	Parental Control	41
	Backing up & Restoring Settings	42

3 Contents

Factory Settings	42
Checking Software version & Information	43
Upgrading the V2 Firmware	44

7 Troubleshooting	45
--------------------------------	-----------

Chapter 1.

Introduction

The Beyonwiz V2 digital receiver is fully compliant with the international Digital Video Broad-casting (DVB) standard, and thus is able to receive digital broadcasts of that standard.

For its operation you need an antenna, which must be installed appropriately.

1.1 Main Features

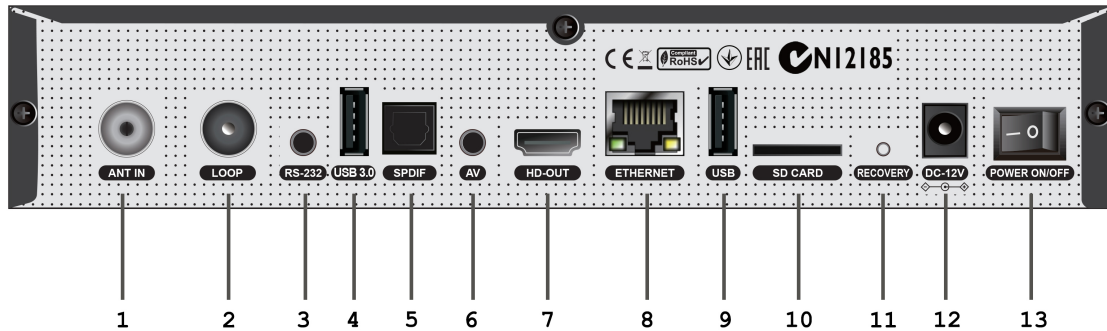
- Quad Core 64Bit (4 x 1.6GHz)
- Linux Operating System
- 4K H.265
- Media Player
- Downloadable Plug-ins supported
- HDMI Output
- MPEG2 / H.264 / H.265 Hardware Decoding
- 2 x DVB-T2 Tuners - Expandable up to 4 tuners via USB (Sold Separately)
- 7 Segment Front Display
- 8GB NAND Flash
- 1GB DDR SDRAM
- Gigabit 10/100/1000MB Ethernet Interface
- 1 x USB 3.0 / 1x USB 2.0
- Remote control
- S/PDIF for digital bit stream out (optical)
- EPG supported
- Automatic & Manual Service Scan supported
- h.265 transcoding support
- Skin change supported

1.2 Product Descriptions

Front Panel



- ① **7 SEGMENT DISPLAY:** Displays clock, Boot Status, Upgrade Status.
- ② **Power Button:** Power on/off also used for USB upgrades.

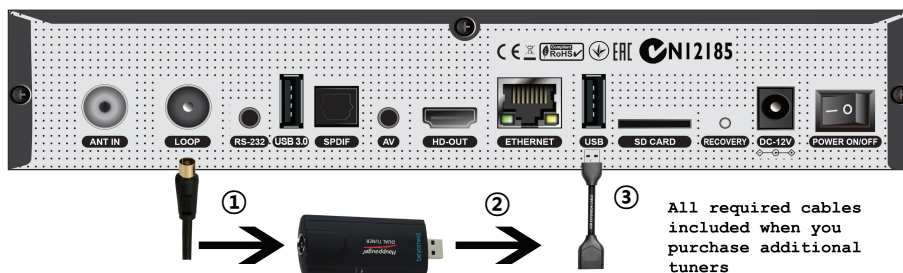
Rear Panel

- ① **Tuner A/B (Dual)** : Single input dual DVBT Tuner. Connect main antenna to ANT IN
- ② **Tuner Loop Out** : Loop Antenna signal to additional USB Tuners or to TV
- ③ **RS232** : For Service and Software Development. (Cable available from Beyonwiz Shop)
- ④ **USB 3.0** : High Speed USB Port, connect Hard Drive here.
- ⑤ **S/PDIF** : Connects to a digital audio system using S/PDIF cable.
- ⑥ **AV Output** : Connect to older TVs via AV Ports (Cable Available from Beyonwiz Shop)
- ⑦ **HDMI Out** : Connect HDMI Cable from TV
- ⑧ **Ethernet** : Connect LAN cable from your router or home network wall plate.
- ⑨ **USB 2.0**: Best port for connection USB Tuners or Wifi Dongles
- ⑩ **Micro SD Slot**: Insert Micro-SD Card to Expand storage
- ⑪ **Recovery**: Recover to factory settings if menu inaccessible
- ⑫ **12V DC Input**: Connect 12V power cable here.
- ⑬ **Power Switch**: Switch Power On/Off.

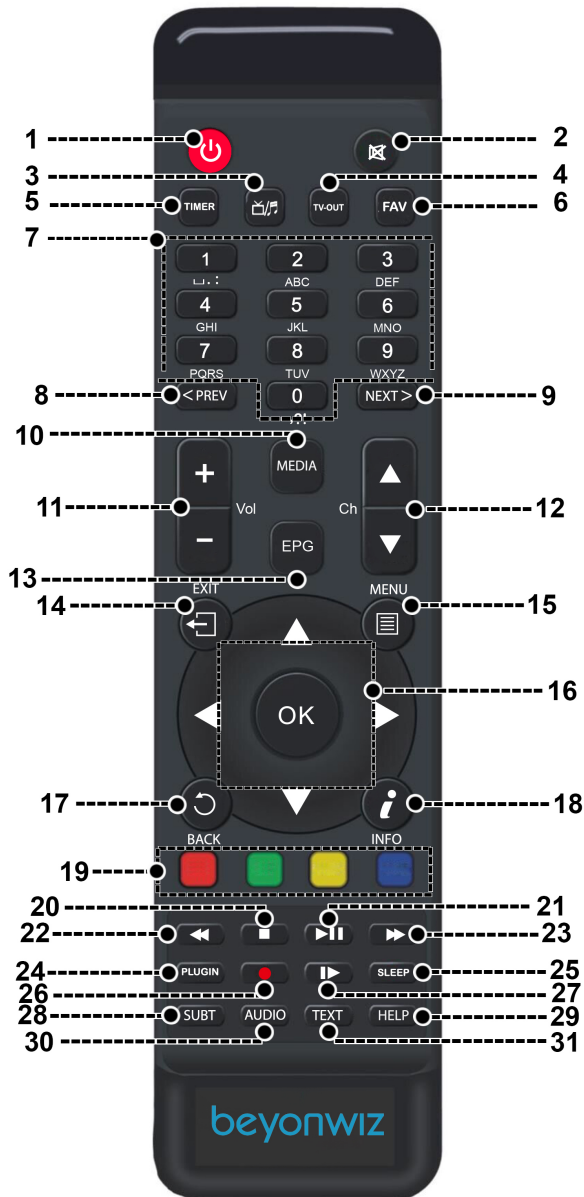
Optional USB Tuner (Sold Separately)

Please make sure V2 power switch is off when connecting USB Tuner.

- ① **Loop Cable** connects at one end to Loop Out and the other end to USB Tuner
- ② **USB Tuner** connects at one end to Loop Cable and other end to USB Extension Cable
- ③ **USB Extension** Cable Connects at one end to USB Tuner and other end to USB 2.0 port



1.3 Remote Control



No.	Name	Description
1	Power	Switch between standby / On. Long press for power options menu.
2	Mute	Mute / Unmutes Sound
3	TV/Radio	Switch between TV and Radio Services
4	TV-Out	Change Video output mode - 567i - 576p - 720p - 1080i - 1080p - 2160p
5	Timer	Opens the Timer List menu
6	Favourites	Opens your favourites channel list
7	Numbers / Keyboard	Zap to channel directly - Enter Keyboard text when required
8	Previous	Previous page / Zap history. Previous program in timeshift mode
9	Next	Next page / Zap history. Next program in timeshift mode
10	Media	Launches Your Recordings
11	Volume	Volume controls UP/DOWN
12	Channel	Channel changing controls UP/DOWN
13	EPG / Guide	Launches the Electronic Program Guide (TV Guide) - Long press Options
14	Exit	Exits to previous Menus
15	Menu	Enters the Main Menu
16	Navigation / OK	Brings up Info Bar in Live TV and Recordings - Used to Select menu items
17	Back	Go back to previous viewed channels
18	Information	List current program information - Long-press for more options
19	Coloured Nav	These buttons are utilized in the EPG and Menus for options
20	Stop	Stops recordings / Returns to Live TV when in Timeshift
21	Play/Pause	Pause Live TV and Recordings and press Play to resume
22	Rewind	Rewind live TV or recordings - Press again for next speed
23	Fast Forward	Fats Forward Live TV or recordings press again for next speed
24	Plugin	Launches Plugins menu
25	Sleep	Open Sleep menu
26	Record	Press record in Live TV to start instant recordings - Press in EPG for options
27	Slow Motion	Enters slow motions mode
28	Subtitle	Toggle Subtitles / Closed Captions On / Off
29	Help	Launches Help Screens
30	Audio	Toggles Audio format (e.g. AC3, Stereo). Long press for more options
31	Text	Launches onscreen Keyboard in text entry screens

1.5 Technical Specifications

Front Panel

- Display: 7 Segment display can display time, Recording Status, Boot Progress & Firmware Update Info.
- Power Button: Standby On/Off & Start USB Upgrade

Rear Panel

- Power Switch: **Rear switch**
- Terrestrial-RF input/output: **1 input / 1 loop outputs**
- Video/Audio output (digital): **HDMI**
- Audio output (digital): **S/PDIF Optical**
- USB: **1 x USB 3.0 / 1 x USB 2.0**
- Ethernet: **1 x 10/100/1000 GIGA LAN**
- AV Output (Analogue) **Adapter Required (Sold separately in Beyonwiz online shop.**
- SD Card **Micro SD Expansion Slot**

Power

- Mains voltage: 240 - 12V 2.0A
- Power consumption: Power Adapter 65/40/<1 Watts
(Max./typ. operation/stand-by)

10 Introduction

RF

- RF range: 177.5 ~ 816.5 MHz
- Modulation, FEC, de-multiplexer: DVB-T/DVB-T2 standard

Video

- Video resolution: 3840x2160 interlaced, progressive
2160p, 1080p@60, 1080i and other size
- Video decoding: H.265, H.264, MPEG-2, MPEG-4
- Input data rate: compatible 2~45 MSymb/s
- S/N: > 53 dB

Audio

- Decoding: AC3, MPEG-4(AAC-HE), MPEG-1 Layer1, 2 and 3
- Sampling rate: 32 / 4.1 / 48 KHz
- S/N: > 65 dB

General

- Dimensions (W x H x D): 220 x 40 x 125 mm
- Weight (without HDD): Approx. 1KG

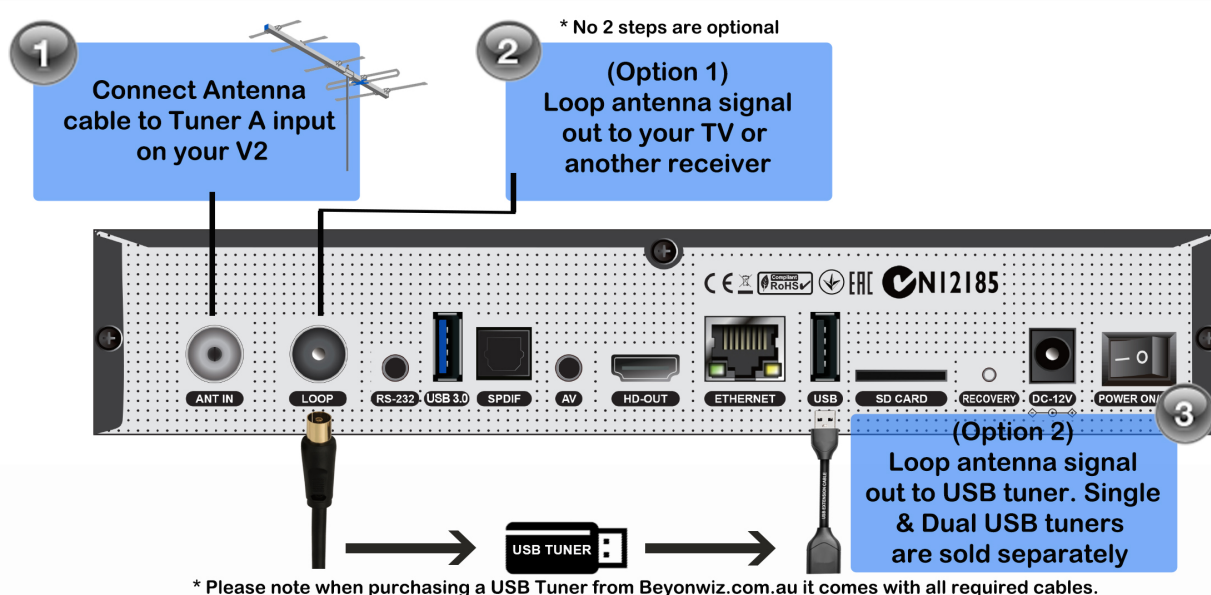
Chapter 2 .

Installation of Beyonwiz V2

This chapter will guide you through the whole installation process of Beyonwiz V2. Please read each section carefully to make sure that the system runs properly.

2.1 Connecting Antenna Cable

Beyonwiz V2 is integrated with 1 DUAL digital DVBT2 tuner and works best when connected to an external Digital TV Antenna mounted on the outside of your home or apartment. You have the option of purchasing either a Single or Dual USB tuner separately that will transform your V2 into a Triple or Quad tuner PVR. If you do not use a USB tuner you can loop the antenna signal through to your TV or other receivers or you can simply leave the loop out disconnected, it is not required for the V2 to work.



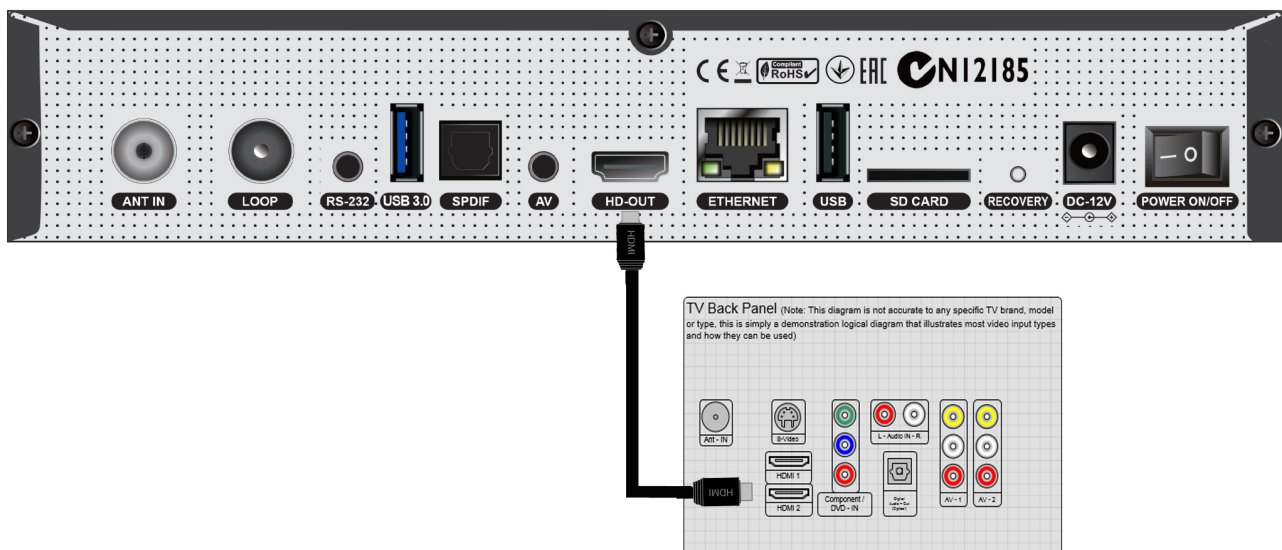
2.2 Connecting the TV (and VCR)

Beyonwiz V2 provides a variety of audio/video connection methods.

A. Connecting TV via HDMI Cable

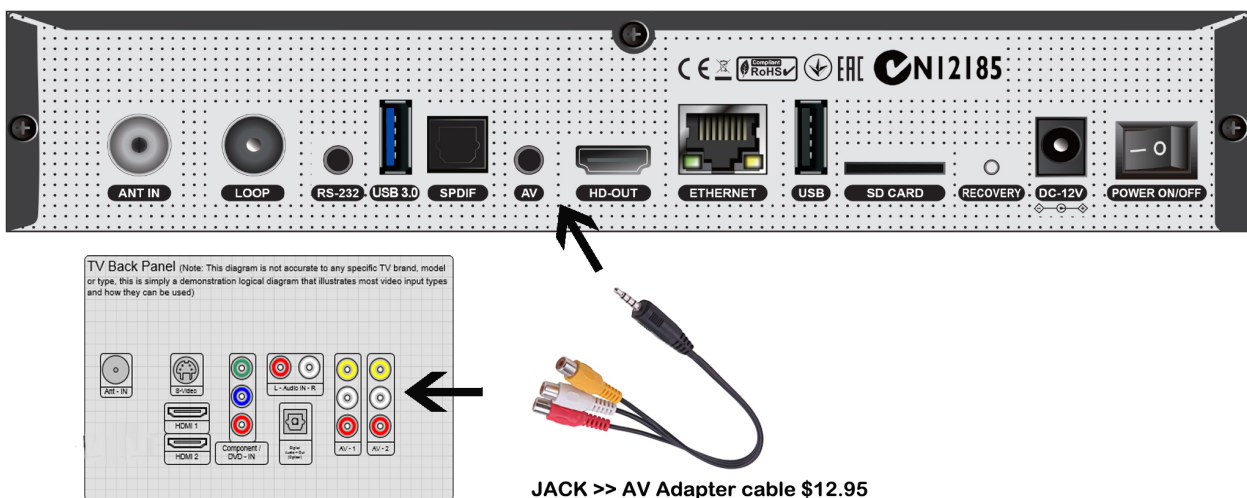
Most HDTVs have HDMI connectors to ensure the highest picture quality. In the rear panel of Beyonwiz V2 one HDMI connector is available for this purpose.

Connect your TV to Beyonwiz V2 using a HDMI cable as follows.



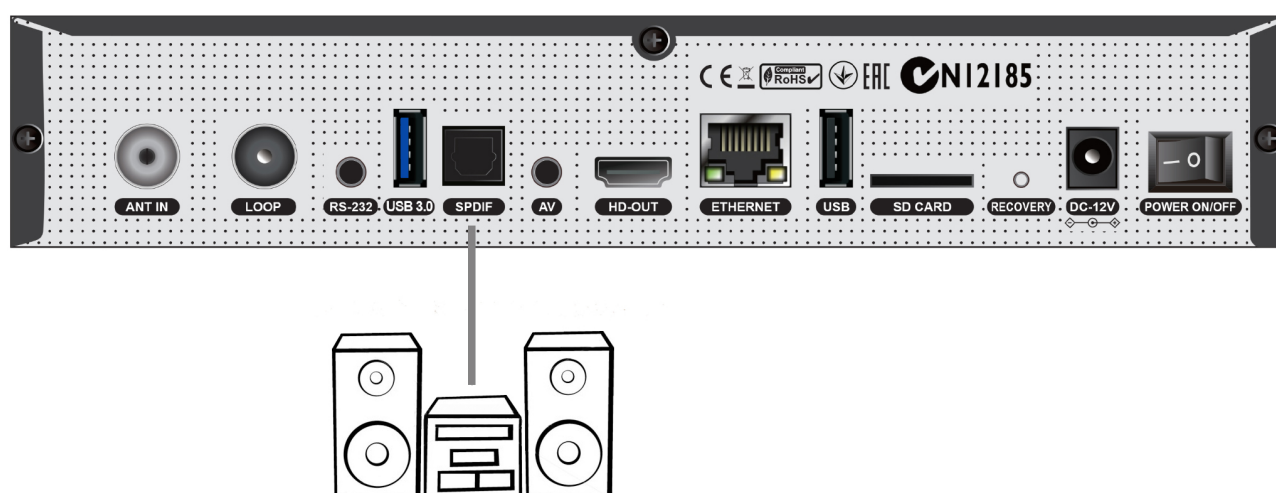
B. Connecting TV via Composite AV Cable (Adapter cable sold separately for \$12.95)

Connecting via composite AV is not recommended and only should be used if you do not have the option of connecting via HDMI



C. Connecting S/PDIF Optical Cable

When you have an A/V receiver with S/PDIF digital audio input, this connection is recommended to enjoy the best audio quality, especially for the Dolby Digital sound.



2.3 Connecting Power

A 12V power adapter and cable is provided as one of the basic accessories of the Beyonwiz V2.

- Connect the power cord to the 12V power adapter and connect to the rear panel of Beyonwiz V2.
- Connect the power cord to a power outlet and switch on.
- Turn on the power switch at the rear panel of the V2.

NOTE: AC input condition

- Nominal Voltage Range: 100~240 VAC
- Maximum Voltage Range: 90~264 VAC
- Nominal Frequency: 50/60 Hz
- Maximum Frequency Range: 47~63 Hz

2.4 Power ON/OFF

There are several ways to turn your Beyonwiz V2 ON or OFF

Tip: A short press on the Remote Control power button will place the V2 in standby mode but a long press (hold down for 3secs) will open the Power Options Menu. You can program the short press option via the menu to go into a different mode if you wish.

- **Complete Power Shutdown**

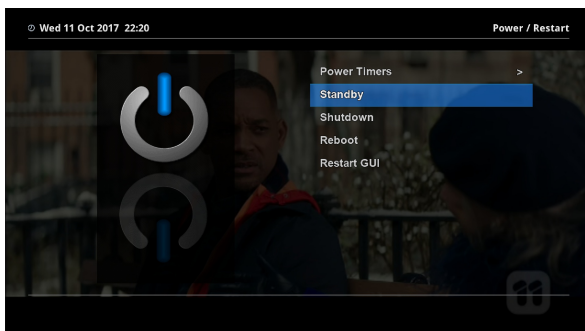
There is a Power Switch in the rear panel and once it is ON, you do not need to turn it on or off each time. It takes a longer time to boot the system if you turned it off by this switch.

- **Standby Mode**

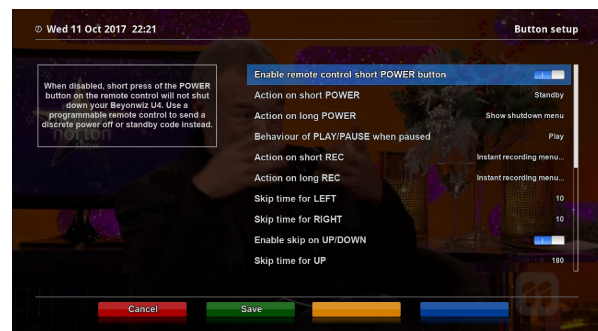
POWER key is normally used to turn the power of Beyonwiz V2 on or off. If you press POWER, it instantly switches your Beyonwiz V2 off or on. In this mode, the system is not completely shut down and thus it takes a shorter time to turn it on and off.

- **Shutdown Mode**

Shutdown is used to reduce the standby power consumption. Beyonwiz V2 is designed to be energy efficient, to guarantee the power consumption of under 1W use shutdown mode. In this mode the V2 will automatically go to standby mode to make recordings that start while in this mode and return back to full shutdown on completion.



Long press on Power Button for the Power/Restart Menu



Change the power button function by pressing the Menu on your remote control, then go into Setup>System>Button settings.

Chapter 3.

First Time Installation

When you turn on Beyonwiz V2 for the first time after purchase, an installation wizard will begin step by step.

NOTE: 'OK' key is used for confirmation and turns to the next step. Press 'EXIT' key to return to the previous page.

Tip: If you do not see the Setup menu appear on the screen after boot then your TV may not support the default video mode. Use the TV-OUT button on the Beyonwiz remote to scroll through the available modes until a picture appears. Please refer to your TV manual for advice on supported video modes.

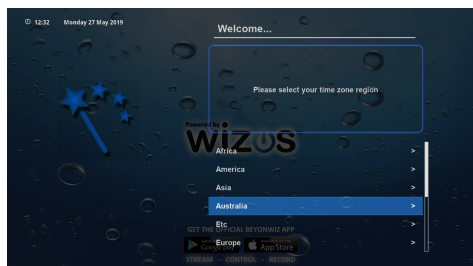
Starting your Beyonwiz



Make sure the Beyonwiz is connected to the mains and that the switch on the rear of the PVR is set to ON, now press the On button on your Remote Control or on the front touch panel.

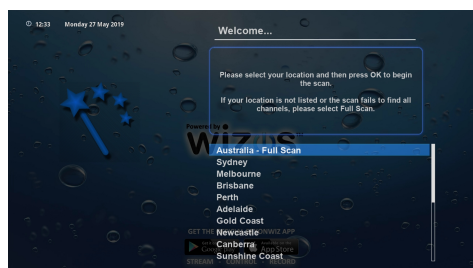
If the message Booting doesn't appear on the Beyonwiz's front panel, press the POWER button on the remote control.

After a short delay you should see the Beyonwiz logo on your TV screen. The logo may flash off and back on and you will see a booting spinner, this process could take up to 1min to boot from a cold start.



Setting your time zone

Use the UP and DOWN buttons to select the time zone that applies to your area, and press OK to set it and move to the next screen. Your Beyonwiz will automatically adjust to Daylight Savings when it is needed.



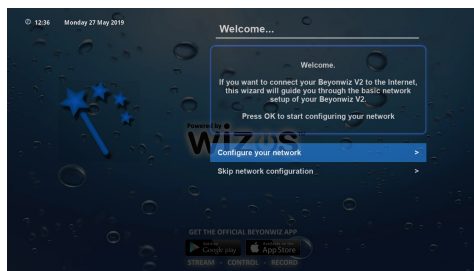
Scanning for digital TV services

If your location is listed please scroll to it and press "OK" on your V2 Remote, this will shorten the scan time as it only scans the frequencies used in your area. If your location is not listed or if you are unsure please select "Full Scan", it will take a little longer but it will ensure that you get the correct channels in your area. If you perform a location scan and you find that you are missing channels you can enter the Tuners menu at a later stage and perform a full scan.

18 First Time Installation

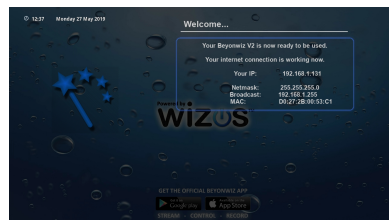
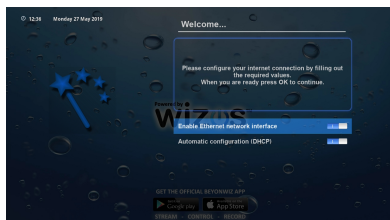


Once you scan is complete you will get a message in the info box on the left hand side, simply press "ok" to move the next part of the set up.



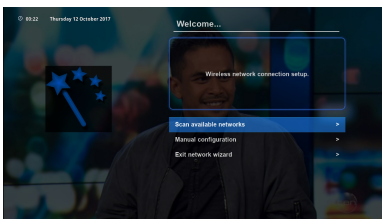
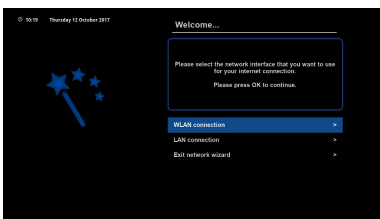
Internet Setup

The Beyonwiz is now ready to configure its Internet connection. Even if you don't want to have your Beyonwiz connect to the Internet, you still need to press OK here to move to the next screen.



Wired LAN Set-up

If you want to connect your Beyonwiz to the Internet and are using a LAN Cable leave both Use Interface and Use DHCP "On" and simply press OK, this should then give you a message that your internet is connected and list your V2's IP address. Press "OK" to move to next screen.



Wireless LAN Setup

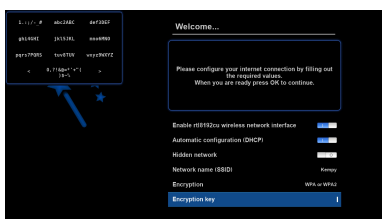
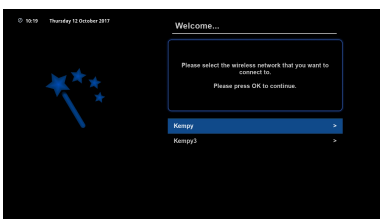
You must have a USB Wifi Dongle inserted. Select WLAN connection and press "ok", in the next screen click on Scan available networks. Select the network you wish to join and press "ok".

Make sure that the encryption is correct, highlight and use the right / left arrow to change, WPA or WPA2 would cover most modern wireless routers.

Now enter your wireless password in the encryption key, you can use the buttons on your remote to type or press the "TEXT" button to launch the on screen keyboard. Once you enter the password press the "ok" button on your remote.

You should now get a successful message and an IP Address confirmation.

For troubleshooting network connections please visit our user forum and click on 'Networking your V2'.





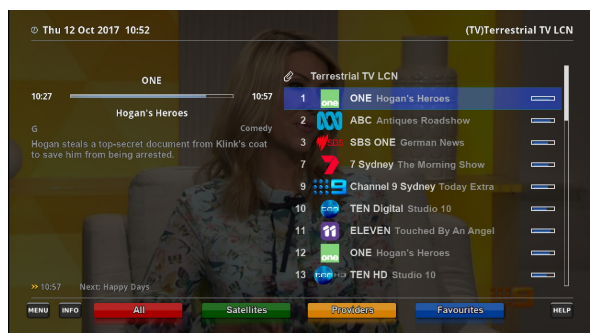
Skipping Internet Setup

Set-up Without Internet

If you do not want to connect your V2 to the internet at this time, don't worry you can easily set it up at a later time. Scroll down to 'Skip Network configuration' and then press 'ok'.

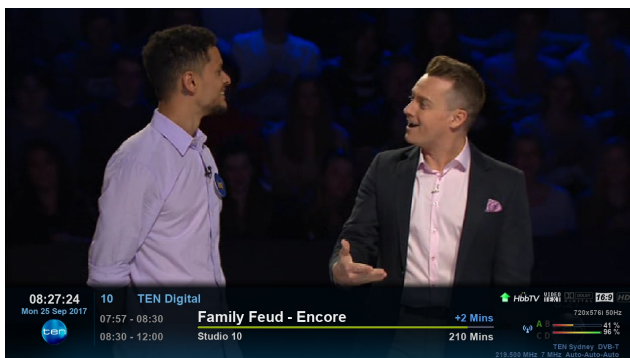


Your V2 is now almost ready to use, press ok when you get the Setup conformation message below on left.



Once the Scan is complete press OK and you will launch your Live TV channel list, scroll to any channel and press OK to launch Live TV

Tip: On first setup you need to load the data for the EPG (Guide) that is transmitted individually from each TV Network. So when you get to Live TV switch to one of the channels for each TV Station for around 30secs to load the EPG for all of their channels. e.g. In Sydney you would change channel to ABC, SBS, 7, 9 & 10 for 30secs each and that would load the EPG for all of the channels.




Chapter 4.

Basic Operations

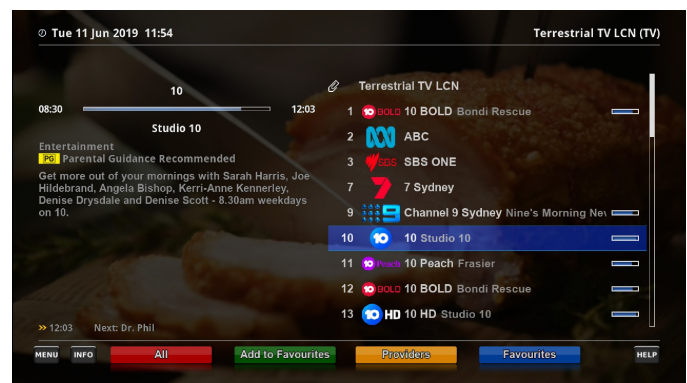
Important Information: This feature used to be assigned to Up/Down Arrows which have now been assigned to Ad Skip buttons by default. If you would like to change this to behave as it previously did press Menu>>Setup>>System>>Button Settings and Disable "Enable Skip Up/Down."

4.1 Channel List


How to use > Press 

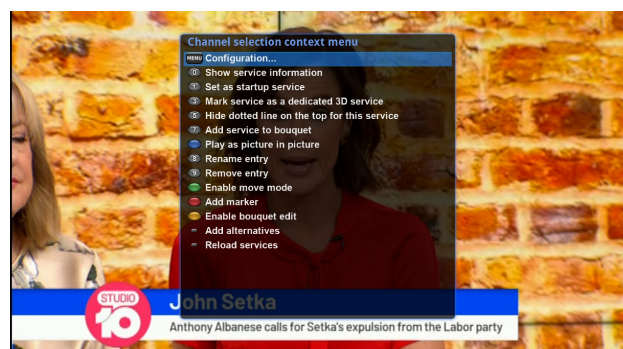
If press  key, this will activate Channel Selection Menu.

Four types of the channel lists are available to help you manage your channel selection.



In order for you to add certain channels to this favourites list.

- ① Call up the Channel Selection list by Pressing  key.
- ② Go to All lists by pressing **RED** key.
- ③ Select the channel that you want to add to the favourites list.
- ④ Press **MENU** key on the selected channel and the following menu appears.
- ⑤ Choose add service to bouquet and press **OK**.
- ⑥ Go to the favourites list by pressing **BLUE** key to confirm that the selected channel is correctly included in the list.



4.2 Switching Channel

How to use > Press CHANNEL
to the next channels



or press



Beyonwiz V2 offers various channel zapping methods. You can switch the current channel by pressing. Zapping is another name for changing channels.

CHANNEL +/- key

If you press
in.

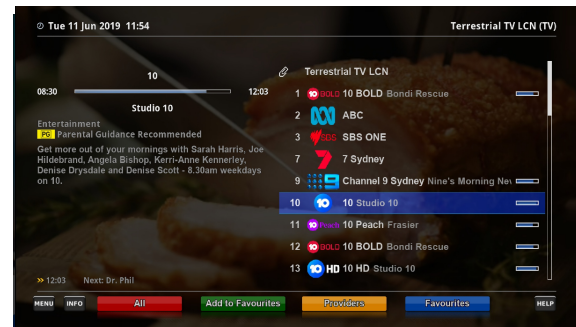


key, the previous or subsequent channel of the current channel is tuned



If you press **FAV** key, Channel
Selection menu appears.

You can move up and down to select the
channel that you want to tune into.




Channel Number

Enter a channel number and then OK, and
it will instantly tune into the channel.

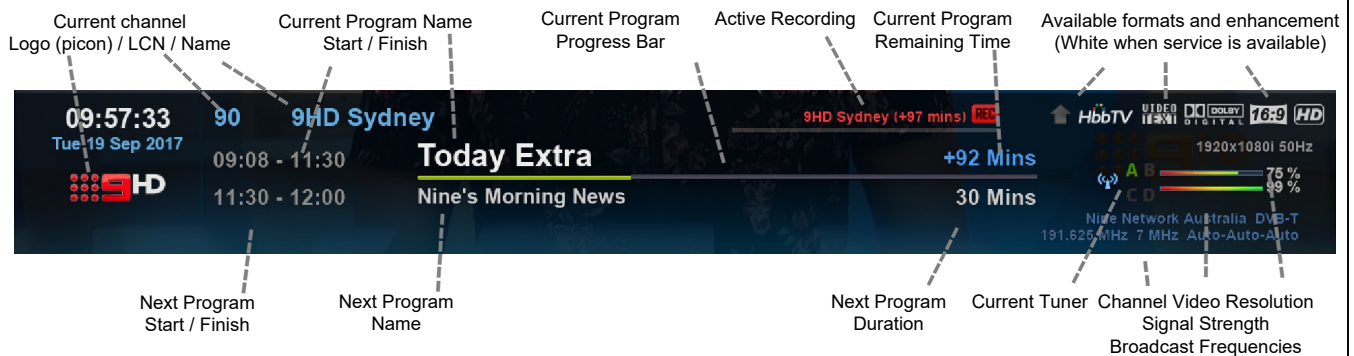


4.3 Program Information

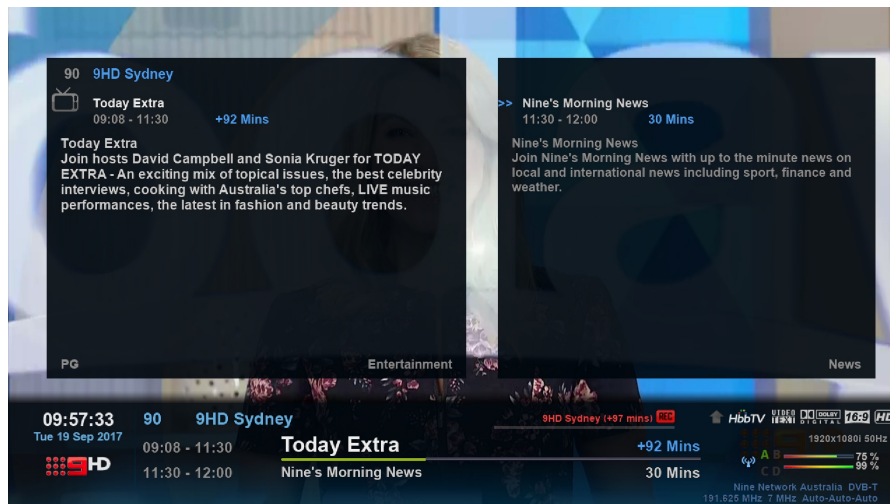
How to use > Press 

Whenever you change the channel, infobar is always displayed for 5 seconds (default setting).
Infobar is designed to provide you comprehensive information of the channel that you are currently watching.

Press OK to call up infobar.



Pressing OK again while the first infobar is up will call up the 2nd infobar.



The 2nd infobar will give you further program information for the "current" and the "next" program and will not timeout in by default, you can press 'OK' again to close it or you can change the timeout settings for both the 1st and 2nd infobar by pressing Menu>Setup>System>GUI Settings.

4.4 Volume Control

How to use > Press **VOLUME**



or press

You can adjust the audio volume by pressing **VOLUME +/-** key. You can also mute or unmute the audio temporarily by pressing **MUTE** key



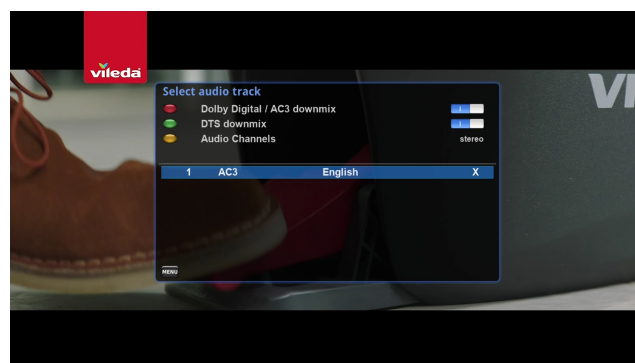
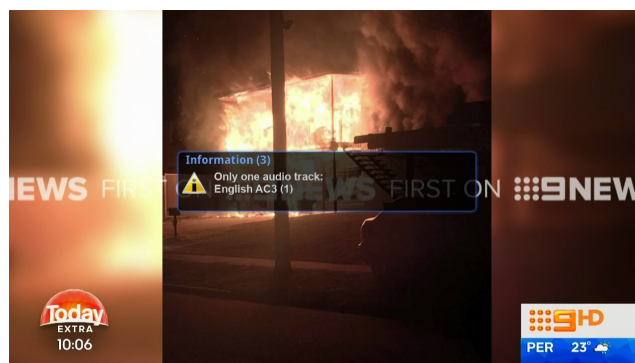
4.5 Selecting Audio Track

How to use > Press

Pressing the Audio key once and you can check what audio tracks are available to choose.


A **long press** on the Audio button will toggle between any available audio tracks that are being broadcast.

By using **UP/DOWN** key and **Colour** key, you can select a different audio language or Stereo sound.



NOTE: Available options on this menu will differ depending on the service.

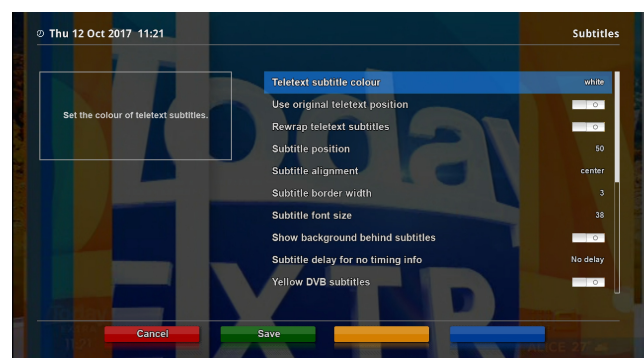
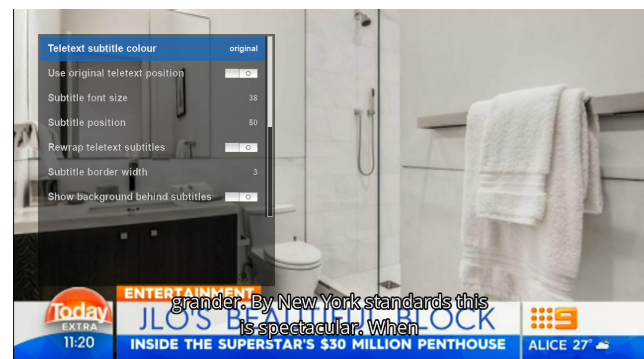
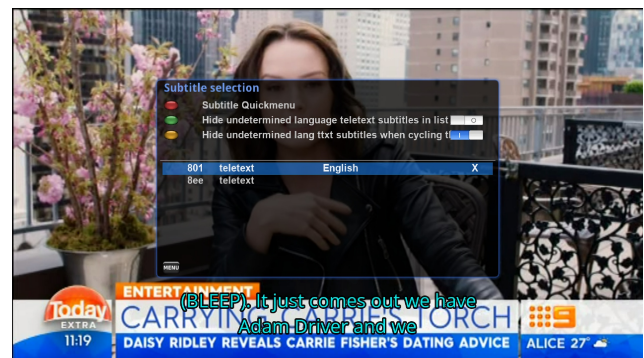
4.6 Subtitle

How to use > Press 

You can view the subtitle of the current program if the program provides the subtitle. Press **SUBTITLE** key and subtitles will be activated for that channel, press again to switch them off. The V2 will remember your subtitle settings for that channel.

> Subtitle Settings

You can also customize your subtitles Live by a long press on the SUBT button (hold down for 2 secs) and then the Menu button to access the subtitle quick menu, here you can see your changes live on the screen. (Subtitles but first be active to utilize this feature)

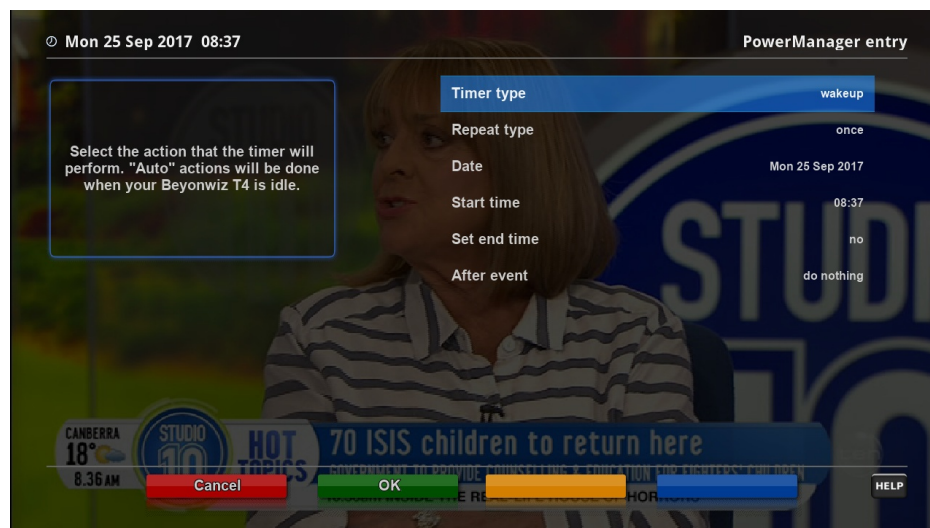


You can also your subtitles by pressing Menu> Setup> TV> Subtitle Settings.

4.7 Sleep Timer

How to use > Press "SLEEP" on your V2 Remote Control

You can set a specific time when your Beyonwiz V2 goes into Standby mode, Shutdown mode or even when the V2 wakes up using this menu.




4.8 Electronic Program Guide

How to use > Press “EPG” key

The Electronic Program Guide (EPG) displays the program information of each channel for a minimum of 7days in advance where broadcast. The Beyonwiz V2 EPG is one of the most advanced in the market giving users multiple features and customization options.


We have created a couple of videos outlining both the basic and more advanced features of the Beyonwiz V2 EPG, simply visit www.beyonwiz.com.au/tv to view these and more helpful videos.

Hot Tips: Press the  button while in the EPG for all the EPG control options

From Live TV press and hold the EPG button for 2 secs (long press) for more EPG options

Recording via the EPG

Single / One off Recording

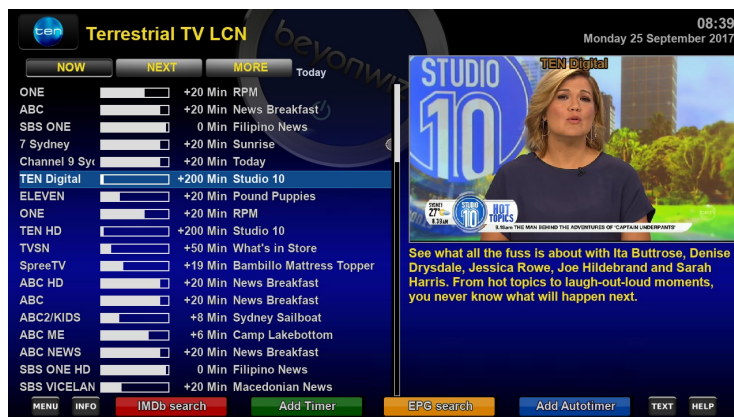
Scroll to the show that you wish to record using the arrows on the V2 Remote, press the  button and then press OK on Add timer or press the green button.

Auto Timer / Series Record

Scroll to the show that you wish to record every time it is on using the arrows on the V2 Remote, this time when you find the show press the "BLUE" button and you will get some popup options. To get the most effective result you should un-check the 2nd and 4th option that pops up (Exact match / Only on weekday xx)

Press "Green" button to Save and then press it again in next screen, this should record the series in most cases, you may have to modify a little for non general series that are on at completely different times of the day.

There is a good Auto Timer overview written by our users in our forum under the Tips and Tricks section.



4.9 Timeshift

The best way to activate Timeshift mode is to Press PLAY/PAUSE ►|| or by pressing the left or the down arrow on your V2 remote, you can also press the rewind button but we highly recommend the skip arrows.

10 seconds after changing to a channel a timeshift buffer will be saved so you can rewind or record from any point after that time. As soon as you change channels the timeshift buffer will be deleted from the previous channel and a new buffer will start on the current channel.

When in timeshift mode you can Pause, Rewind and Fast Forward Live TV or you can use the fully programmable Skip buttons.

Skip Buttons on your Remote

Press '◀' skip back or '▶' forward 15secs
Press '▲' forward 180secs

Press '▲' forward 60secs

You can customize to your liking by pressing Menu>Setup>System>Button Settings

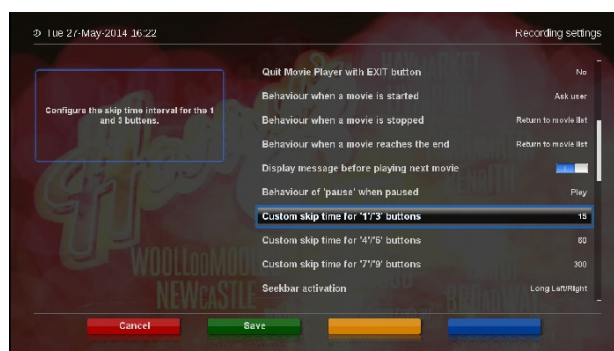
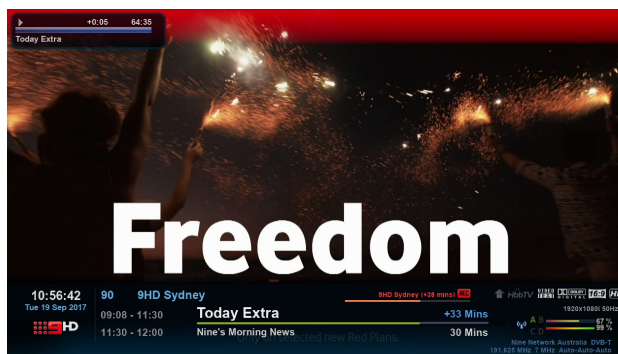
Here you can also activate the numbers buttons to be skip keys.

If you want to stop Timeshift mode and to return to the live mode, press **STOP** key.

Recording Timeshift

Timeshift is saved as events for as long as the V2 has been idle on a particular channel, so if the V2 has been on a channel for 3 hours and there have been 4 programs on it that time you can save any of them permanently by pressing the 'Red' button or the 'Rec' button on the remote and then selecting Timeshift save recording (select event) and then simply click on the show you missed that you wish to record.

If you try to change channel while in Timeshift mode you will be warned and asked to confirm.



Tip: The timeshift default start time can be modified by pressing Menu>Setup>TV>Timeshift Settings, you can also disable timeshift in this menu



4.10 Recording

Beyonwiz V2 is a Personal Video Recorder with 1 integrated Dual tuner. You can record multiple programs at the same time. There are three ways to operate and manage recordings.

1 EPG Recording

How to use > Press  (See Page 26)

2 Instant Recording

How to use > Press  or 

Three recording options are given.

Create instant recording...

This option is used when you want to create a recording straight away on the current channel, in the next screen you can customise start and stop times, by default it will have the stop time set to record to the end of the current program.



Select and event to save

This option will be visible when you have a timeshift buffer. If you have been on a channel for a few hours you can choose this option and save one of the programs that has been on earlier in the day, it will save the show in your recordings list.




Stop or change active recording

This option will only be visible if you have an active recording running. When selected you can stop the recording or change the duration.



2 Recording by Timer

How to use > Press 

You can manage all your record timers here.

In this menu, color keys are assigned for each different function.

RED (Delete)

This option is used to delete a timer.

GREEN (Add)

This option is used to add a timer.

YELLOW (Disable)

This option is used to disable the timer and X mark will appear.

NOTE: if you want to enable the disabled timer, press YELLOW again.

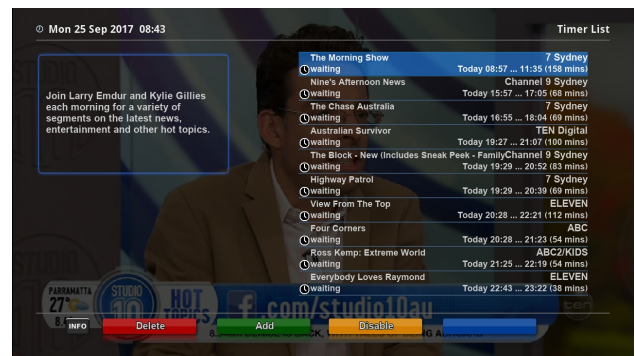
BLUE (Cleanup)

This option is used to remove those finished timers from the Timer list.

Stop Recording

How to use > Press RED  or  → 'Stop Recording'

If you want to stop recording, press **RED** again while recording is running. Select Stop Recording.



4.11 Recording Playback

How to use > Press 'Media'

You can view recorded files on the **Recorded files** menu. Press **Filelist** to activate this menu.

Select the file that you want to play. It will instantly replay the file and display the recording info bar. The info bar can be called upon at any time during the recordings by pressing the "OK" button on the remote.

This info bar gives you the following information of the recording.

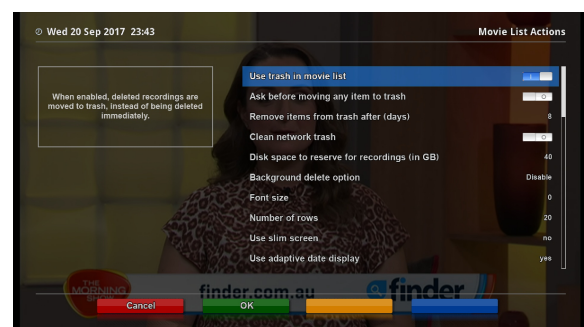
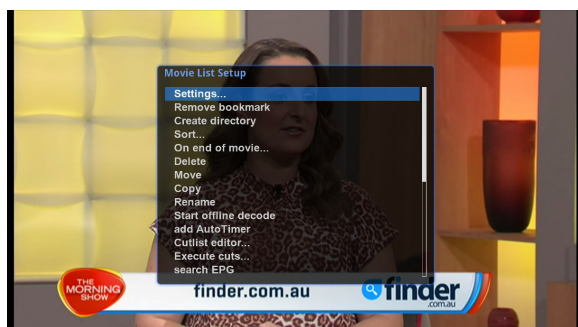
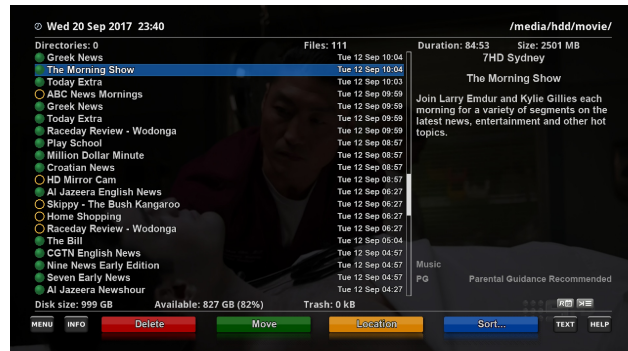
- ① Title of the recording
- ② Total duration of recording
- ③ Remaining time
- ④ Progressive bar
- ⑤ Elapsed time

Recordings list Options


While in your recording list you can press the menu for extended options and settings.

Here you can sort, move or even edit your recordings.

If you click on Setting you will access the movie list actions settings where you can fully customize your recording list and features.



4.12 PiP & Interactive Media

How to use > Press Blue 

In the interactive media popup menu you can quickly access and launch interactive plugins such as Youtube and Kodi.

To activate Picture in Picture press the **Blue button "twice"** on the V2 remote control and the current channel will popout, you can then change the main channel to another channel as normal and the PIP window will remain.

You can fully customize the size and position of your PIP window and also switch between the main service and PIP service by pressing the **Blue button** while PIP is active.



Chapter 5.

System Configuration

Beyonwiz V2 is a very sophisticated device designed to allow users a variety of system setting options that go into a huge amount of detail. You can fine-tune your Beyonwiz V2 to be your OWN system to fit your taste. This chapter will guide you through the basic menu system configuration. Prior to System Configuration, please take some time to get to know the menu structure of Beyonwiz V2 first.

5.1 Main Menu

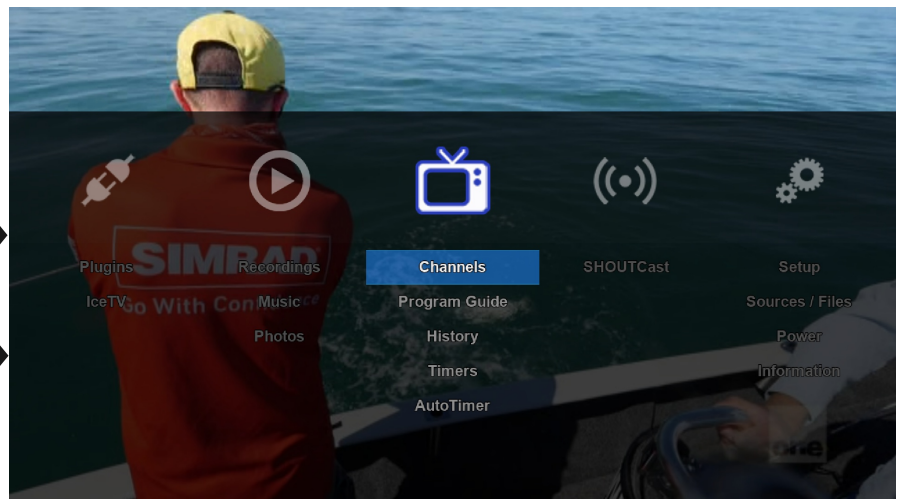
How to use > Press



Navigation

Scroll using left/right arrows on your remote and press 'ok' to enter the highlighted menu

The items below the main menu bar are shortcuts, you can access those by your up/down arrows on your remote and then pressing 'ok'



Menu Items (From Left to Right)

Plugins: This is where you will find your installed plugins and will also be able to download, install or delete plugins.

Channels: Access channels list, EPG, Zap History and your saved Timers

Internet: Your Internet plugins such as Shoutcast

Setup: This is the main menu to access all your system and customization settings. (more details below)

The main 'Setup' menu of Beyonwiz V2 consists of the following menus and sub menus.

Menu Structure

AV setup

- AV Settings
- OSD Position
- Skin Setup
- HDMI-CEC

System

- GUI settings
- Button settings
- Time Settings
- Front panel settings
- Factory reset

Tuners

- Tuner Allocation
- Tuner Configuration
- Location Scan
- Manual Scan

TV

- Channel selection
- Recording settings
- Timeshift settings
- Auto language
- Subtitle settings
- EPG settings
- Parental control

Media

- Picture Player
- Media Player

Network

- | | |
|-----------------------------|---------------|
| - Network Browser | - Samba |
| - Mount Manager | - NFS |
| - Network adapter selection | - FTP |
| - Network Interface | - DNLA Server |
| - Password | - DYN-DNS |
| - Network Restart | - Telnet |

Storage

- Hard disk setup
- Format hard disk
- File system check

Plugins

- Plugin Browser
- Download Plugins
- Remove Plugins
- Package Installer

Software Manager

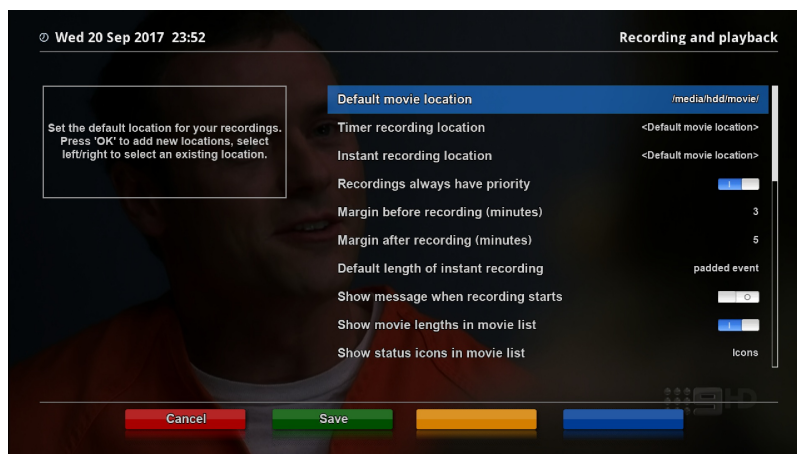
- Create Backup
- Restore Backup
- Configure Backups
- Check for updates now
- Configure update check

5.2 System Setup

Recording Settings

How to use > Press Menu>Setup>TV>Recording Settings

This menu is where you set your timer padding, recording location and many other custom settings



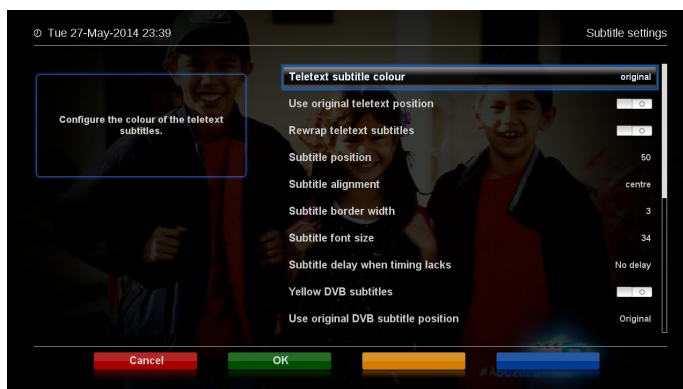
- ① **Margin before record (minutes):** If you enter a number here, for example, 5, the recording will begin 5 minutes before the defined time. If it is '0', it means that the recording starts exactly at the defined time. This option comes in handy in the event that a program starts earlier than the original schedule.
- ② **Margin after record (minutes):** If you enter a number here, for example, 5, the recording will stop 5 minutes after the defined time. If it is '0', it means that the recording stops exactly at the defined time. This option comes in handy in the event that a program ends later than the original schedule.

Subtitle Settings

How to use > Press Menu>Setup>System>TV>Subtitle Settings

You can set subtitles in this menu.

Using **LEFT/RIGHT** key, you can set a color, position, etc. After setting, press **GREEN** to confirm and save the changed setting.



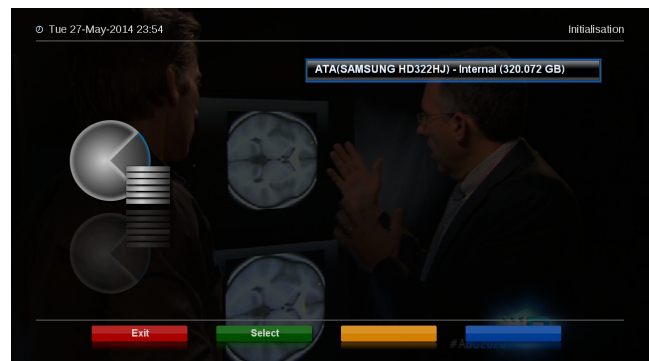
Initialize / Format Hard Disk

How to use Press Menu>Setup>Storage>Format Hard Disk

Please note this will delete any recordings or files you have on the HDD

You can format both internal and External Hard Drives

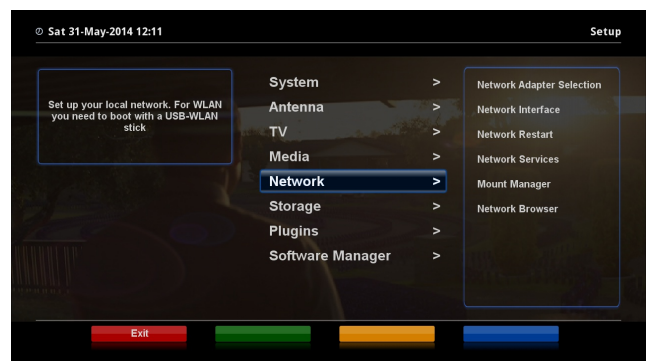
- Select the Hard drive you wish to format and press the Green button the 'select'
- Next press the 'Red' button to Initialize
- You will see a pop up asking you to confirm, select Yes to format the HDD



Network Setup

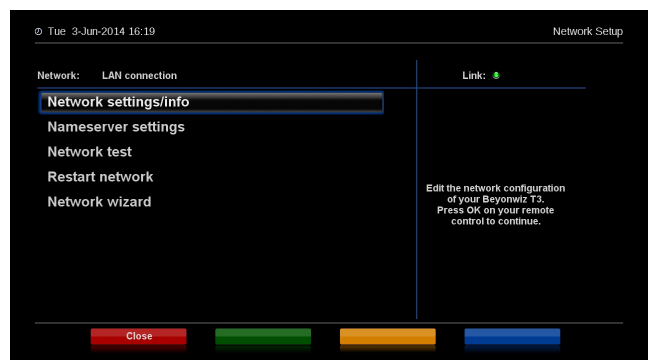
How to use > Press Menu>Setup>Network

Beyonwiz V2 is integrated with Gigabit LAN Ethernet with RJ 45 connector. You are recommended to use this network capability of Beyonwiz V2 to fully enjoy the system. You can setup the network settings through this **Network Configuration** menu.



LAN Connection

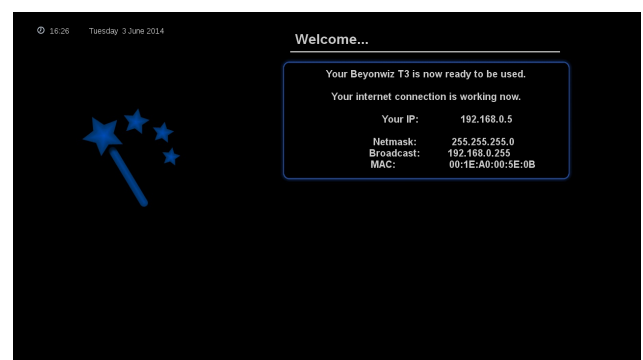
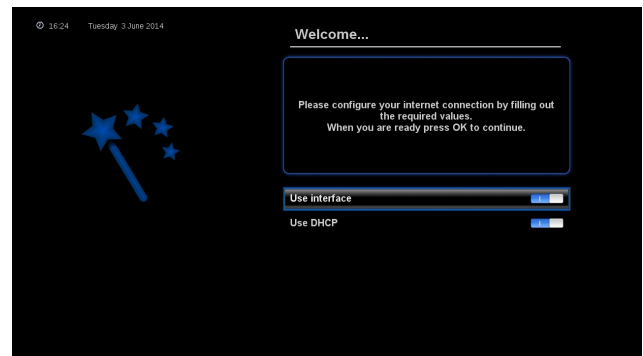
The easiest way to connect to your wired home network is via the LAN connection and using the Network Wizard either in the initial set up or by going into the Network menu as pictured above. Once in the Network menu select Network Adapter Selection and press 'OK' if you then get a choice between LAN and WLAN choose LAN and then press 'OK' and you will get this screen >



Scroll down to Network wizard and press 'OK' in the next screen you will get the Welcome message for the Network wizard, press 'OK' to start and you will get this page>

Make sure both options are switched on as pictured and then press 'OK'

If connection is successful you will get a screen similar to this, please take note of your IP address as you can use this to access your V2 via your PC for controlling, streaming and setting timers. If unsuccessful please check your network and cables or try manually entering your network info in 'Network settings/info' and 'Nameserver settings' as pictured on previous page.




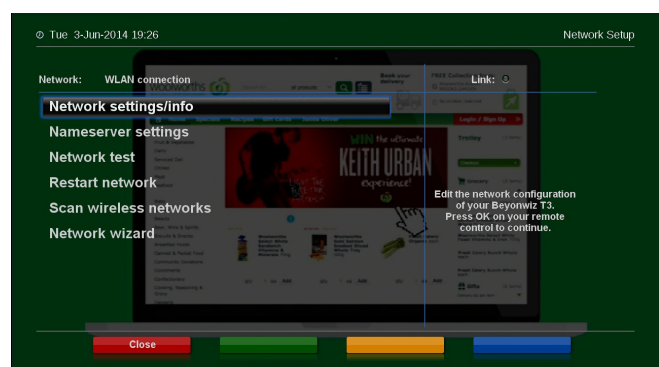
Wireless LAN Connection

The Beyonwiz V2 will work with a variety of wireless dongles or wireless network adapters but we recomend the ones that are sold at www.beyonwiz.com.au as they have been fully tested and integrated.

To connect your V2 to your wireless network first place the wireless USB stick into one of the ports on the V2 and then 'Reboot' (hold down the power button on your remote for 3 seconds and then select 'Reboot' from the power menu).

Once your V2 reboots press

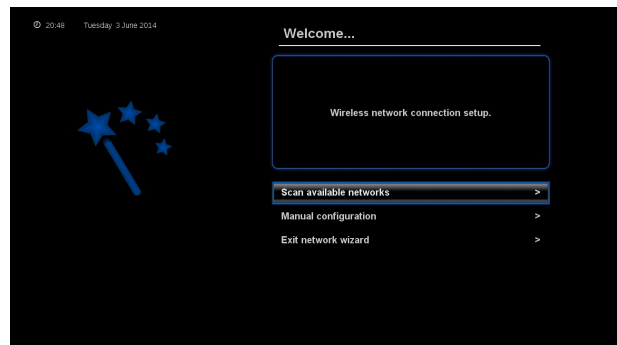
The easiest way to connect to your wireless home network is via the WLAN connection and using the Network Wizard either in the initial set up or by going into the Network menu  → 'Setup' → 'Network' Once in the Network menu select Network Adapter Selection and press 'OK' if you then get a choice between LAN and WLAN choose WLAN and then press 'OK' and you will get this screen >



38 System Configuration

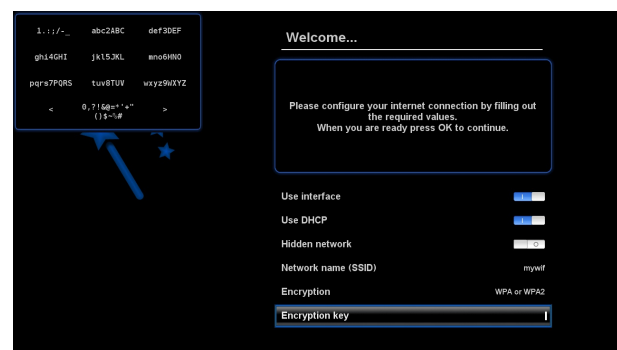
Scroll down to Network wizard and press 'OK' in the next screen you will get the Welcome message for the Network wizard, press 'OK' to start and you will get this page>

Select Scan available networks and then press 'OK'



In the next screen it will list the available wireless networks, scroll to the network that you wish to connect to and press 'Ok' and you will see this screen>

Use interface and Use DHCP should be 'On' and Hidden network should be 'Off' as pictured. Choose your encryption type with your left / right arrow.



Encryption types: Unencrypted - WEP - WPA or WPA2 (If your network detects WPA2 use the right arrow to change to WPA or WPA2)

Next you need to enter your WiFi encryption key or password, you can do this two ways:

1) Scroll to Encryption key and use the numbers on your remote control to enter the password in an old sms style of texting. Press 'OK' to save settings and connect to your network.

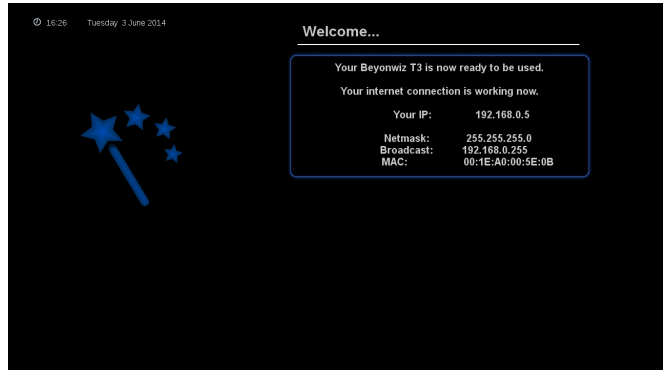
'or'

2) Press the 'TEXT' button on the bottom right corner of your V2 remote and a virtual keyboard will popup as pictured > Once you enter the password scroll to the OK button and press 'OK' and then in the next screen you should see the key in the Encryption key field, press 'OK' again and connect to the network.



You may be asked if you wish to continue and if you wish to disable the LAN adapter, select Yes on both occasions, it will then attempt to connect.

If connection is successful you will eventually get a screen similar to this, please take note of your IP address as you can use this to access your V2 via your PC for controlling, streaming, setting timers plus more. If unsuccessful please check your network settings or try manually entering your network info in 'Network settings/info' and 'Nameserver settings' You can also check our user forum for tips at www.beyonwiz.com.au/forum



Skin

How to use > Press Menu>Setup>AV Setup> Skin Setup

Beyonwiz V2 comes standard with 2 skins to choose from in this menu. As the V2 software is Open Source users can create and submit their own skins, check our user forum for available skins or download our SDK to build your own.

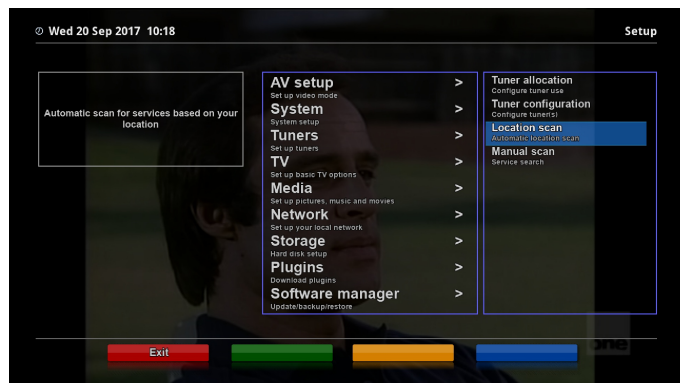
NOTE: It can take over a minute after the change of Skin and requires a complete system shutdown. Please wait patiently until the system reboots with a newly selected Skin.

Channel Scanning

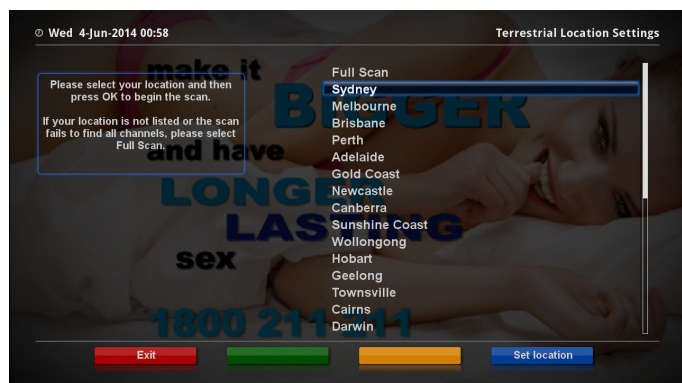
How to use > Press Menu>Setup>Tuners

You will usually scan all your channels in when you do the initial Setup Wizard but from time to time you may need to perform a channel scan if channels change frequency, new channels become available or some channels were not found in the initial scan.

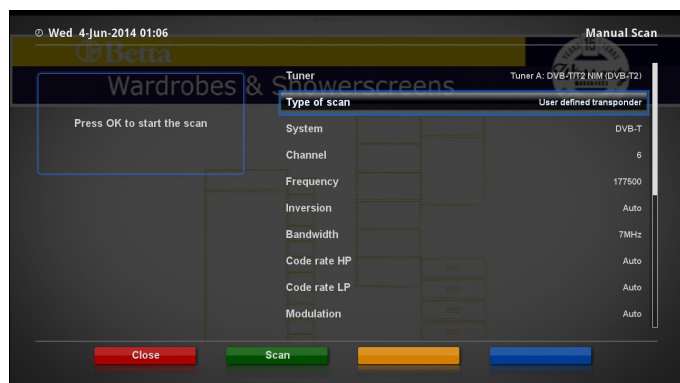
Once in the Tuners menu you will see 2 options **Location Scan** & **Manual Scan**



Location Scan allows you to select your location, this drastically speeds up the scanning process as it will only scan the frequencies assigned to your area. **Full Scan** should be used if your location is not listed, you are unsure or a location scan failed to find all the channels, it will scan all the Digital TV frequencies used in Australia, this takes a lot longer. Just select your location or Full Scan and press 'OK' for the scan to start.



Manual Scan allows you to enter a particular frequency and scan just one channel at a time, in most cases all the default settings in manual scan will stay the same, you will just need to change the **Frequency**. There are many online resources that list the channel frequencies in your area or you can check with your local TV providers. Once you enter the desired frequency press the Green button to scan,



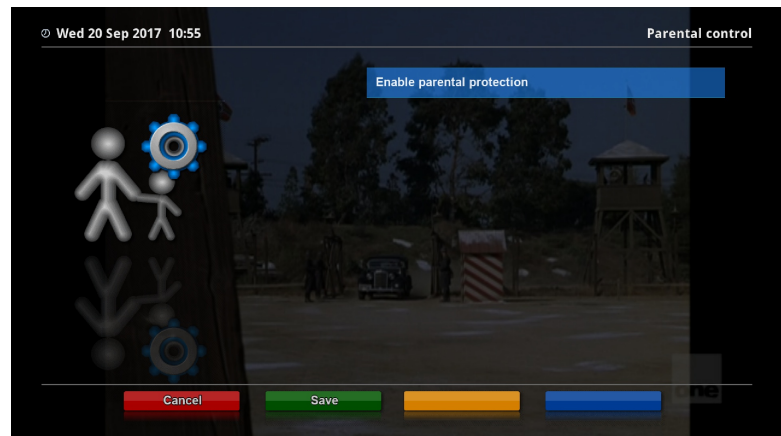
Parental Control

How to use > Press Menu>Setup>TV>Parental Control

The parental Control feature allows you to block broadcasted content based on ratings, if you enable Parental control and a blocked program comes on based on your settings it will require a pin to view the program. Please note that the V2 relies on the broadcaster or EPG provider to broadcast the rating in their guide data.

Step 1

When you enter the Parental Control menu for the first time press OK on Enable parental protection and you will be asked to create your pin, key in your 4 digit pin number and then confirm.

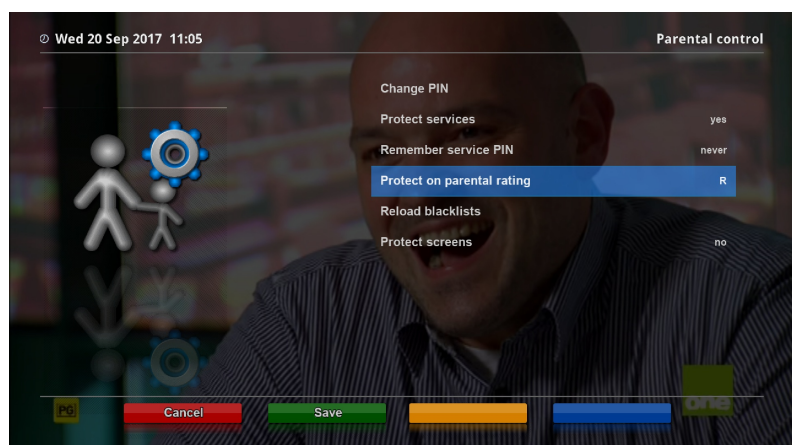


In the next screen you have 3 options

- * Change Pin - Use this to change your pin
- * Protect Services - This is where you set the rating that you want to block
- * Protect Screens - Here you can lock menu screens

Step 2

Scroll to Protect service and use your Right arrow to change from No to Yes, you will then get the options pictured, select your desired options and press the Green button to save.



Backing up & Restoring your Settings

The V2 allows you to Backup your settings, this is a very useful tool that backs up your Timers, Channels, favourites, network and other custom settings so that in the event you have to perform a factory reset or you upgrade the software you can restore these settings so you do not have to spend time setting these things up again.

Create a Backup

Press *Menu>Setup>Software manager>Create Backup* and you should get a confirmation that backup is done.

Restore Backup

To restore from back up press *Menu>Setup>Software manager>Restore backup* and you will get an on screen confirmation message, once you choose Yes your V2 will reboot and the backup will be applied.

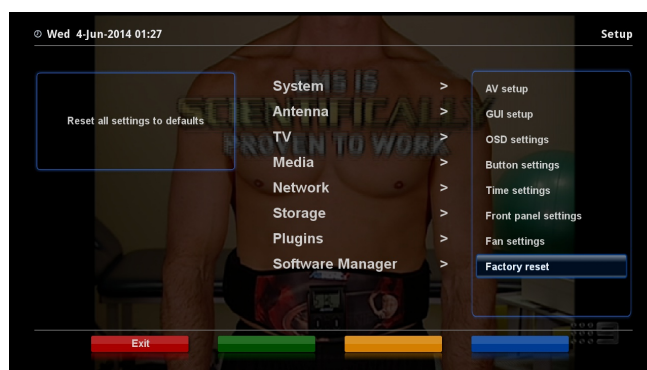


Factory Reset

From time to time you may be required to reset the factory settings, it may be required when applying a particular upgrade or for troubleshooting problems, you can back up your settings before hand as explained at the top of this page.

To reset to factory setting go to *Menu>Setup>System>Factory Setting*

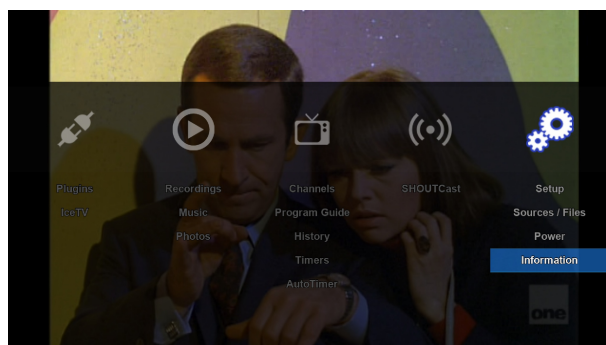
Press 'OK' on Factory reset and you will a popup message to confirm, read the caption and then select 'YES' to continue. Your V2 will then reboot, once it has rebooted it will give you the option to **Restore Settings** from the back up you made.



Checking Software Version and other information

How to use > Press Menu>>Information

The information screens on your V2 is where you will find useful information for connectivity, firmware and troubleshooting any problems.



About

Here is where you will find what version firmware your V2 is running and you can cross check that with the Beyonwiz Website and forums to make sure that you stay up to date.

Devices

Lists the attached devices including tuners, hard drives and USB devices.

Memory

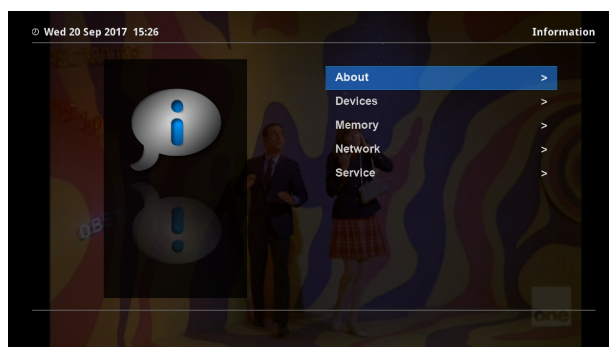
Information on RAM and Flash

Network

You will find your V2 IP address here and confirm you are connected to your PC network and internet.

Service

Information about the TV station your are viewing.



Upgrading the V2 Software

There are currently 2 methods for upgrading your V2 Firmware.

USB: For major Firmware Image updates. These will be less frequent but will include any major system updates and also include all online and USB updates up to the date of the Images release.

Online: For minor Firmware Image updates. These will be release more frequently and will include small fixes and enhancements as they become available. *Internet Connection Required.

USB UPGRADE HOW TO VIDEO AVAILABLE HERE:

<https://www.beyonwiz.com.au/forum/viewtopic.php?f=67&t=13361>

To check for **Online Updates** Press Menu>Setup>Software Manager>Check for updates now
Your V2 will now Automatically check for any available updates. If updates are available you the best option to select is "Update and ask to reboot", if no updates are available you will just go back to previous menu.

Chapter 6.

Troubleshooting

Before you contact your local service center, please read the following tips carefully.

1. No Video on TV

- Check first if the product is powered on and in operation mode.
- Check if the video cable is properly connected between TV and Beyonwiz V2.
- Check if the antenna cable is properly connected to Beyonwiz V2.
- Check if the selected channel is currently on air.
- Check your TV is on the correct AV channel.

2. Problem with audio quality

- Check if your audio cable is connected correctly.
- Check the volume level of your TV and the product.
- Check if the product or TV is on mute.
- Check the audio option is selected and/or compatible with the V2 and your TV.

3. Remote control problem

- Make sure that the remote is in STB mode by pressing the STB button.
- Check if the batteries are correctly mounted.
- If the remotes batteries are old, try changing the batteries.
- Point the remote control directly toward the product.
- Make sure that nothing is blocking the front panel display.

4. Channel search problem

- Make sure that tuner configurations are all correctly made.
- Check whether the antenna cable(s) are properly connected.
- If you ran a "Location" search try a "Full" search.

5. Recording problem

- Check whether the HDD has a sufficient space for recording.
- Check that the HDD has a sufficient space for recording.