

MTV5000



MAGIC TV™

Owner's Guide



Magic TV™ Support Hotline: 2655 6778
Email Support: support@magictv.com

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Safety Information

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THIS PLUG WITH AN EXTENSION LEAD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.



The lightning flash with arrow-head symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) which produce heat.
9. Do not expose this appliance to dripping or splashing water and no object filled with liquids (such as a vase) should be placed on this appliance.
10. Do not interfere with the safety aspects of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched, particularly at plugs and the point where they exit from the apparatus.
12. Only use attachments/accessories specified by the manufacturer.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as if the power-supply cord or plug has been damaged, liquid has been spilled, objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Additional Safety Instructions

- To ensure maximum performance, please read this manual carefully. Keep it in a safe place for future reference
- Install this unit in a cool, dry, clean place - away from windows, heat sources, sources of excessive vibration, dust, moisture and cold. Avoid sources of humming (transformers, motors). To prevent fire or electrical shock, do not expose the unit to rain or water
- Do not force connection wires. When moving the unit, first disconnect the power plug and the wires connected to other equipment. Never pull on the wires themselves
- The openings on the unit cover assure proper ventilation of the unit. If these openings are obstructed, the temperature inside the unit will rise rapidly. Therefore, avoid placing objects against these openings, and install the unit in a well-ventilated area to prevent fire and damage
- Be sure to allow a space of at least 30 cm behind, 20 cm on both sides and 10 cm above the top panel of the unit to prevent fire and damage
- Digital signals generated by this unit may interfere with other equipment such as tuners, receivers or TVs. Move this unit further away from such equipment if interference is observed
- Do not attempt to clean the unit with chemical solvents; this might damage the finish. Use a clean, dry cloth
- Be sure to read section 9: Troubleshooting regarding common operating errors before concluding that the unit is faulty
- When planning not to use this unit for long periods of time, disconnect the AC power plug from the wall outlet
- To prevent lightning damage, disconnect the AC power plug when there is an electrical storm
- Grounding or polarization - Precautions should be taken so that the grounding or polarization of an appliance is not compromised
- This unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if this unit itself is turned off. This state is called the standby mode. In this mode, this unit is designed to consume a small amount of power

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Welcome

1.1 Package Contents

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1.2 Basic Definitions

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Thank you for purchasing Magic TV™. An exciting new world of digital and high definition television is now at your fingertips.

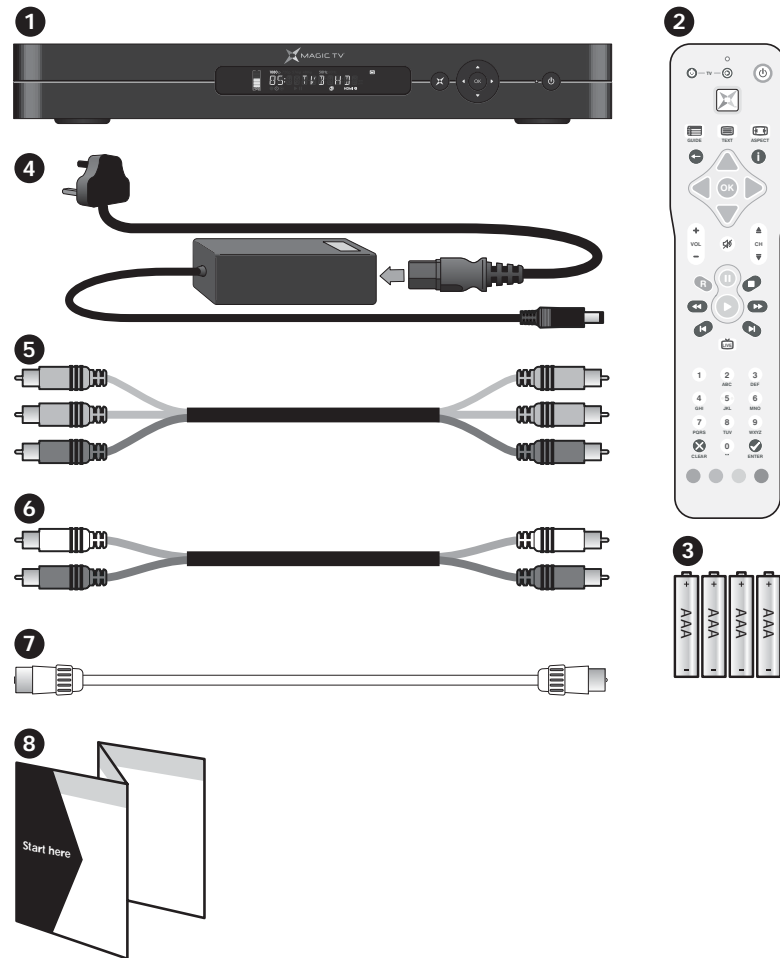
This Owner's Guide helps you learn about the correct operation and features of Magic TV™. Please read it carefully.

Package Contents

Before starting, please check the following items were included in your package:

- 1 MTV5000 HDTV Personal Video Recorder
- 2 Magic TV™ Remote Control
- 3 4x AAA batteries for remote control
- 4 100-240V AC auto-ranging power adapter
- 5 Component video cable
- 6 Stereo audio cable
- 7 Aerial/antenna extension cable
- 8 Quickstart Guide
- 9 This Owner's Guide

Please contact your Magic TV™ retailer immediately if any of the above items are missing.



Basic Definitions

If you are new to Digital Television Broadcasts there are a few terms you should know:

High Definition (HDTV). A picture on the TV screen is formed by a large number of small dots called pixels. The higher the number of pixels, the better the picture quality will be. The pictures of conventional analogue TV broadcasting provide a maximum of 720 (horizontal) x 576 (vertical) pixels. Typically HDTV broadcasts contain at least 1024 horizontal pixels and 720 vertical pixels, providing superior picture quality over analogue TV broadcasts. The HDMI and Component video outputs of Magic TV™ are capable of carrying an HDTV signal.

Standard Definition (SDTV). A picture with only 576 or 480 vertical pixels is referred to as Standard Definition. The S-Video and Composite video outputs of Magic TV™ are Standard Definition only.






Digital Terrestrial Television (DTT). Digital TV is a far more efficient and flexible transmission system than the current analogue system. It allows broadcasters (TVB and ATV) to offer viewers a range of new and different services – all through your existing aerial/antenna.

The possible benefits include:


- 'Ghost free' reception
- Widescreen 16:9 pictures
- Standard definition television (SDTV) and HDTV programmes
- High quality audio and surround sound
- Multi-channel programming
- Closed captioning of programmes for the hearing impaired
- Electronic Programme Guides (EPGs) with 'now & next' programme information for some channels

- On-screen programme guide channel with today's programme information
- Multi-camera views and enhancements during selected programmes

More information can be found at <http://www.digitaltv.gov.hk>.

Interactive Services. Digital TV has the potential to include interactive programmes, alternative camera angles, selected Internet services, home shopping, computer games and more. Some services may require an Internet connection (see section 8.1). When available, you can access these features by pressing  and navigate them using    .

HDMI (High Definition Multimedia Interface). HDMI is an uncompressed, all-digital video and audio connection for electronic devices capable of transmitting High Definition signals. These signals are usually encrypted using HDCP to prevent unauthorized duplication of copyrighted material. HDMI is the highest quality video output from Magic TV™.

Live TV. If you're watching a program while it's being broadcast, you're watching Live TV. Pressing the  button on your remote control will immediately jump to Live TV from any menu.

Video Output Format. DTT broadcasts can come in a variety of shapes and sizes. Magic TV™ can cleanly scale the broadcasts to suit your TV. See section 7.2 for further information.

Multi-channel audio. A surround sound system supporting six discrete audio channels. These are Left, Center, Right, Rear Left, Rear Right, and Subwoofer. DTT broadcasters may choose to broadcast some channels/programmes in multi-channel audio. Use a digital audio connection (optical, coaxial or HDMI) to an AV receiver in order to hear all six channels.

1 Welcome

Aspect Ratio. A TV's aspect ratio is the comparison of the screen's width to its height. This is typically 4:3 for analogue and standard definition broadcasts and 16:9 for HD broadcasts.

Aspect Ratio Correction. This is required when the shape of the broadcast picture and the TV don't match. The Aspect button on your remote control lets you quickly change the shape of the broadcast picture. See section 5.3 for further information.

Firmware Upgrade. From time to time Magic TV™ will receive updates for the software that controls it. If possible these updates will occur automatically Over-The-Air (OTA). Firmware update can also be achieved via USB. It's possible that these updates will provide features not covered in this guide. Details of new features will be available at www.magictv.com/en/support.html. See section 8.2.



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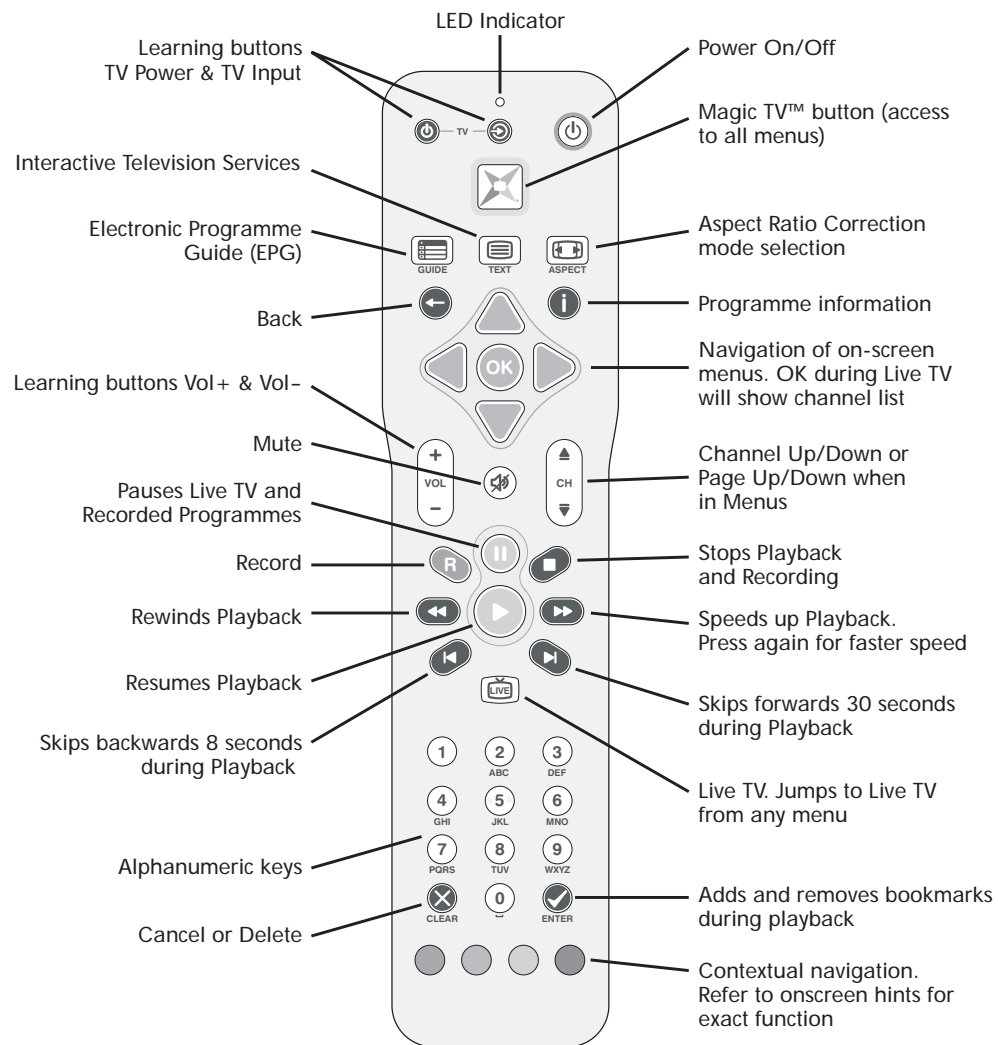
2.1 Remote Control

The Magic TV™ Remote Control is used to control every aspect of Magic TV™. In order to make using the remote as easy as possible, a backlight is included and 4 of the buttons can be programmed with commands for your TV.

Inserting the Batteries

- Push in the ridged area of the battery cover and slide the cover down
- Insert four AAA batteries (supplied) by matching the + and - marks on the batteries to the + and - marks in the battery compartment. Note that two of the batteries will slide under the casing slightly
- Replace the battery door

If the batteries are working and are inserted correctly, the LED Indicator will flash when any button is pressed.



Programming the Remote Control

Step 1. Place the Magic TV™ Remote Control and the TV remote control on a flat surface, 3cm apart and with the emitters facing each other.



Step 2. Press and hold both the and buttons for 2 seconds until the LED Indicator flashes slowly.

The Magic TV™ Remote Control is now in "learning mode".

For Samsung, Sony or Sharp TVs

Press either ① for Samsung, ② for Sharp or ③ for Sony preset remote control commands. Then go to step 6.

For other TVs

Step 3. Press the button you want programmed (for example). The LED Indicator will light.

Step 4. Press and hold the Power button on your TV remote control until the LED Indicator turns off.

Step 5. After 2 seconds the LED Indicator will flash slowly again; please repeat steps 3 and 4 for each button.

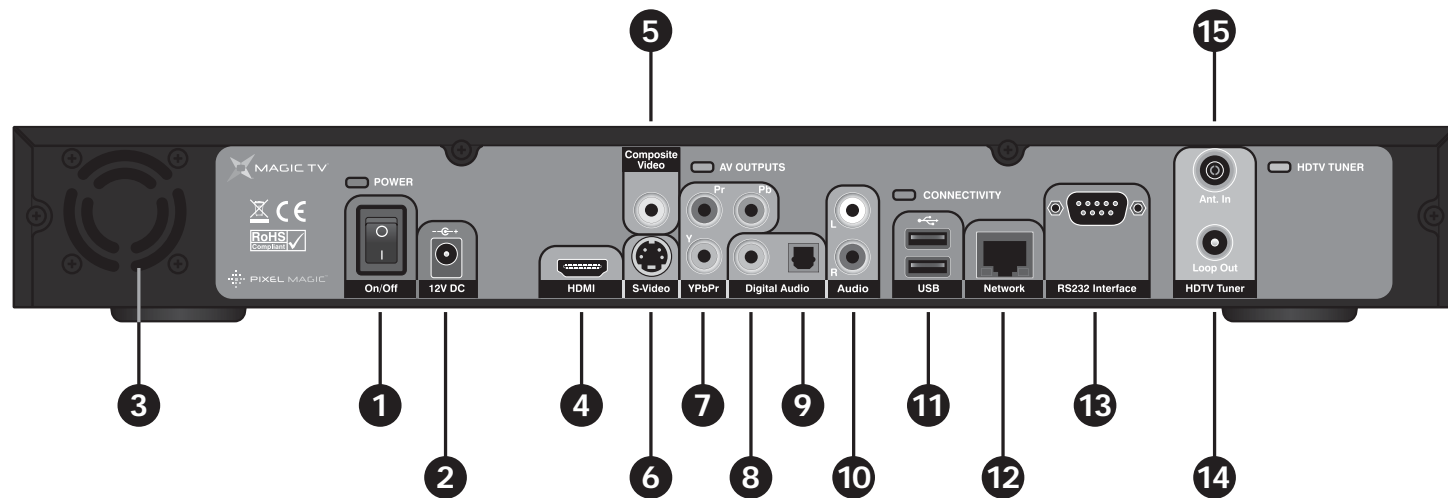
Step 6. When finished, press the button to exit "learning mode".

To reset the buttons to factory defaults, press and hold both the and the lower corner button for 2 seconds until the LED Indicator flashes slowly, then press the button.

Backlight

The Magic TV™ Remote Control is equipped with a light sensor, and will automatically illuminate when a button is pressed and the room is dark enough.

2.2 Rear Panel

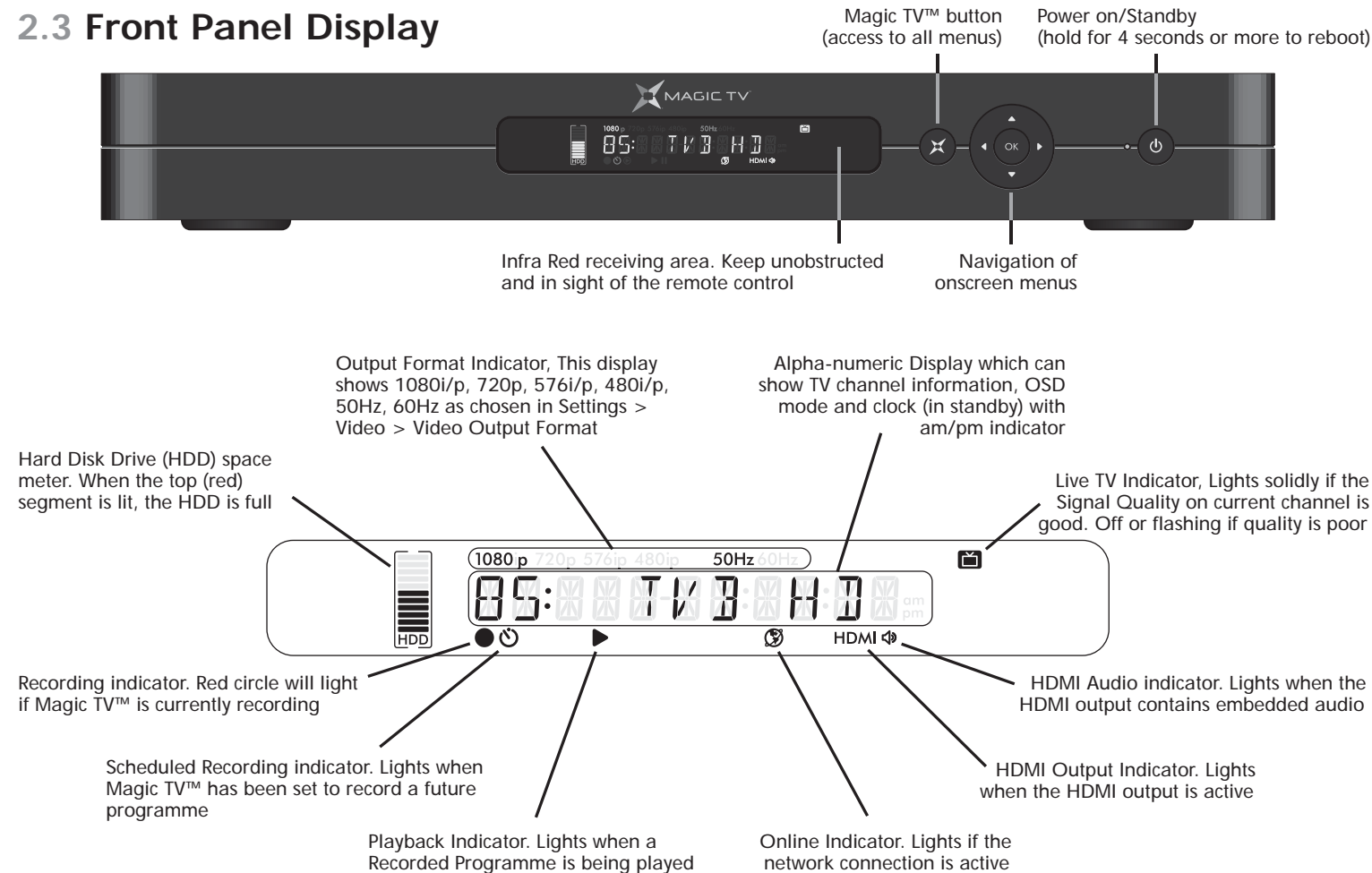


- 1 **Power On/Off Switch.** Turn Magic TV™ on using this switch. Magic TV™ consumes very little power on Standby. It is therefore unnecessary to turn Magic TV™ off with this switch during normal operation.
- 2 **DC Power In.** The included 100-240V AC auto-ranging power adapter should be attached here. Please see "Safety Information" before proceeding.
- 3 **Ventilation holes.** It is important that all the ventilation holes in Magic TV™ are kept clear, in order for hot air to escape.
- 4 **HDMI.** (Connects to a TV, AV receiver or home theatre system.) HDMI provides a pure digital connection for high definition video and audio all in one cable.
- 5 **Composite Video.** (Connects to a TV, AV receiver, VCR, DVD recorder or home theatre system.) Composite is the most basic of video connections and is Standard Definition only.
- 6 **S-Video.** (Connects to a TV, AV receiver, VCR, DVD recorder or home theatre system.) S-Video offers a higher quality signal than Composite for compatible equipment but is Standard Definition only.
- 7 **Component Video (YPbPr).** (Connects to a TV, AV receiver or home theatre system.) Component provides an excellent quality High Definition analogue video connection.
- 8 **Coaxial Digital Audio.** (Connects to an AV receiver or home cinema system.) If you are not using the audio over HDMI, then this connection will provide multi-channel digital audio to your surround sound system.
- 9 **Optical Digital Audio.** (Connects to an AV receiver or home cinema system.) If you are not using the audio over HDMI, then this connection will provide multi-channel digital audio to your surround sound system.

- 10 **Analogue Stereo Audio.** (Connects to a TV, VCR or DVD recorder.) Connect the left/right audio cables (included) for analogue stereo sound.
- 11 **USB x2.** Magic TV™ can be updated with new software via USB. See section 8.2.
- 12 **Ethernet Network.** Use this connection to link Magic TV™ to your home network. This may be needed for some of the Interactive Services.
- 13 **RS232 Interface.** Reserved for factory use.
- 14 **Loop Out (Antenna Out).** Connect the included Aerial/Antenna extension cable from this output to another device if you wish to retain analogue TV reception (on your TV for example).
- 15 **Antenna In.** A coaxial RF cable needs to be connected to this input to allow Magic TV™ to receive the new DTT signals.

2 Tour of Magic TV™

2.3 Front Panel Display

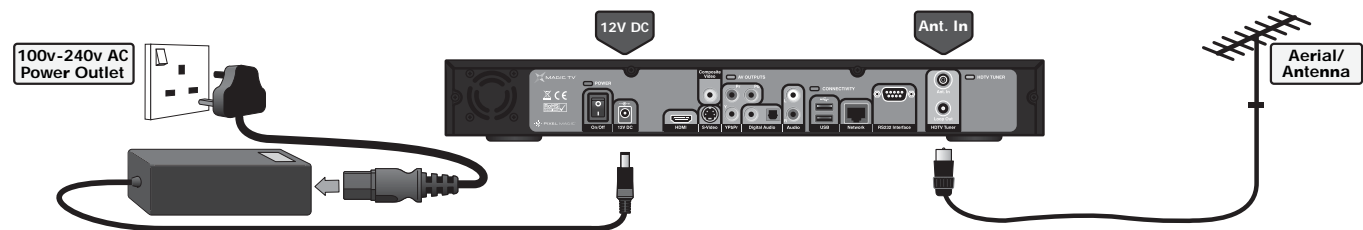


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3.1 Power and Aerial/Antenna Connections

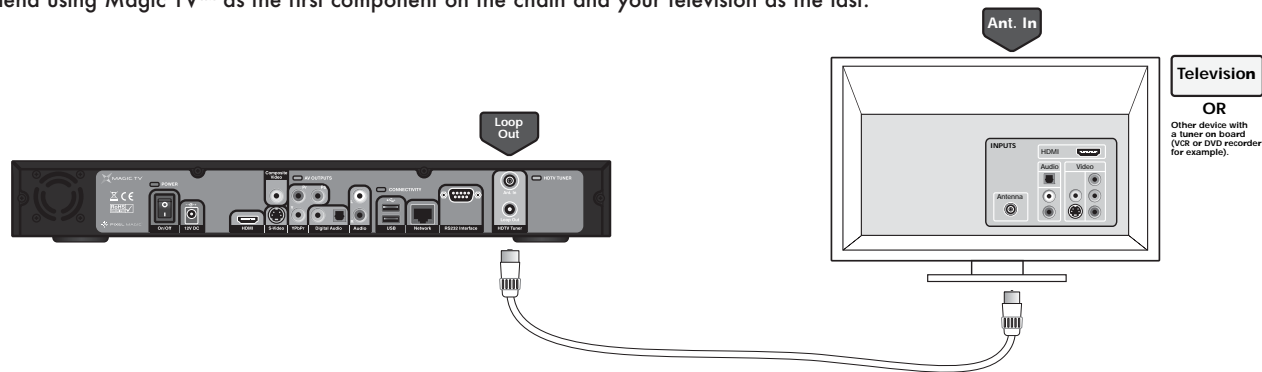
Power + Antenna

Insert the power cord into a suitable power outlet and the 12v DC plug into Magic TV™. Leave the power outlet switched off or unplugged until all the wiring work has been completed. Then connect Magic TV™ to your antenna using the Ant. In connector. A roof-mounted antenna is recommended for best reception. For information on monitoring your signal quality, see section 7.5.



Optional - Antenna loopthrough

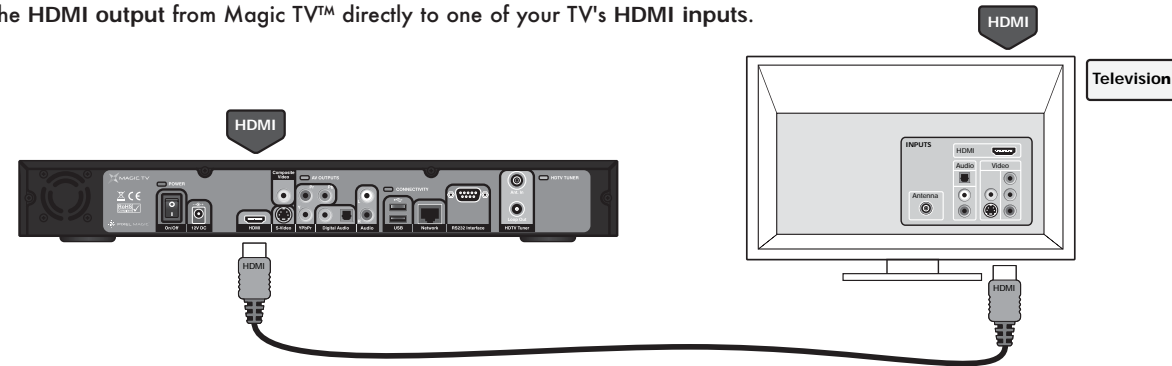
If you want to retain analogue TV reception on your television or on any other devices with a TV tuner (VCR or DVD recorder for example), connect the included extension cable to the Loop Out connector of Magic TV™ and to the Antenna In on your other device. Many devices can form part of the antenna loop, by chaining together the Antenna Outs to Antenna Ins on each device. We recommend using Magic TV™ as the first component on the chain and your television as the last.



3.2 Direct Connection to a TV

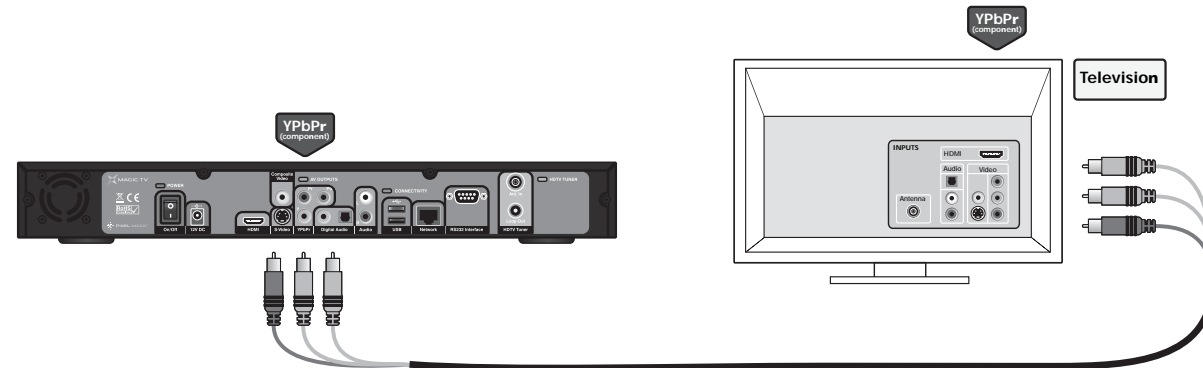
Video + Audio - for HDMI equipped HDTVs

HDMI is the highest quality video output from Magic TV™. It can also carry multi-channel audio, which conveniently reduces cabling. Simply connect the HDMI output from Magic TV™ directly to one of your TV's HDMI inputs.



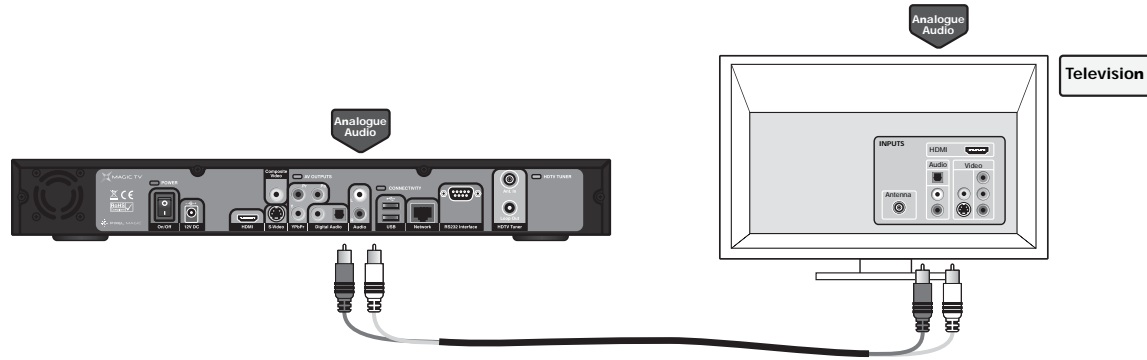
Video - for HDTVs without HDMI

In order to get High Definition video from Magic TV™ without HDMI, Component (YPbPr) must be used. Simply connect the Component output from Magic TV™ directly to one of your TV's Component inputs. Component doesn't carry audio, so a separate connection is needed. See below.



Audio - for HDTVs without HDMI

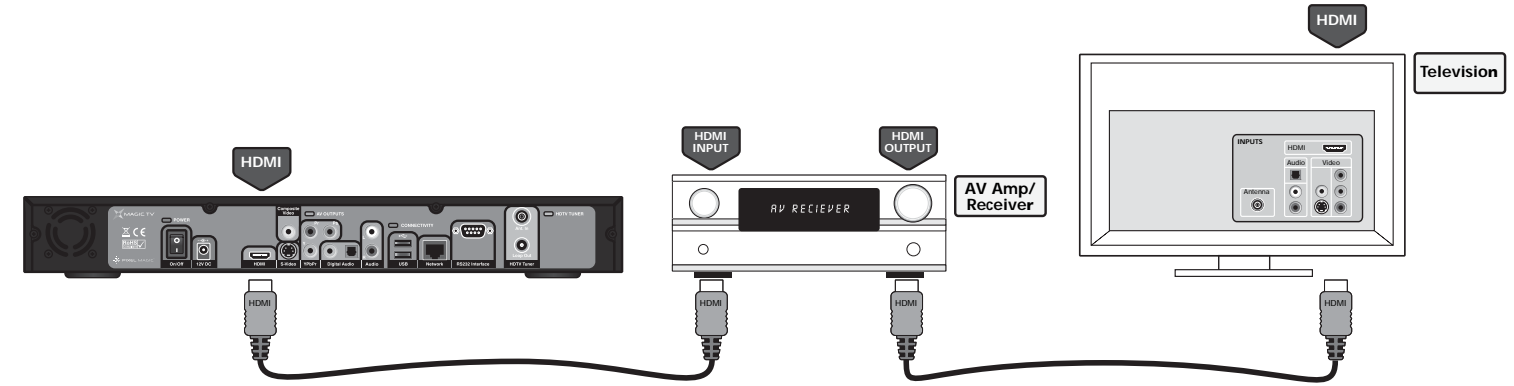
Not many televisions can accept a digital audio signal, in which case you may be limited to using the Stereo audio outputs of Magic TV™. Simply connect the Stereo Audio output from Magic TV™ directly to one of your TV's Stereo Audio inputs.



3.3 Connection Via an AV Receiver

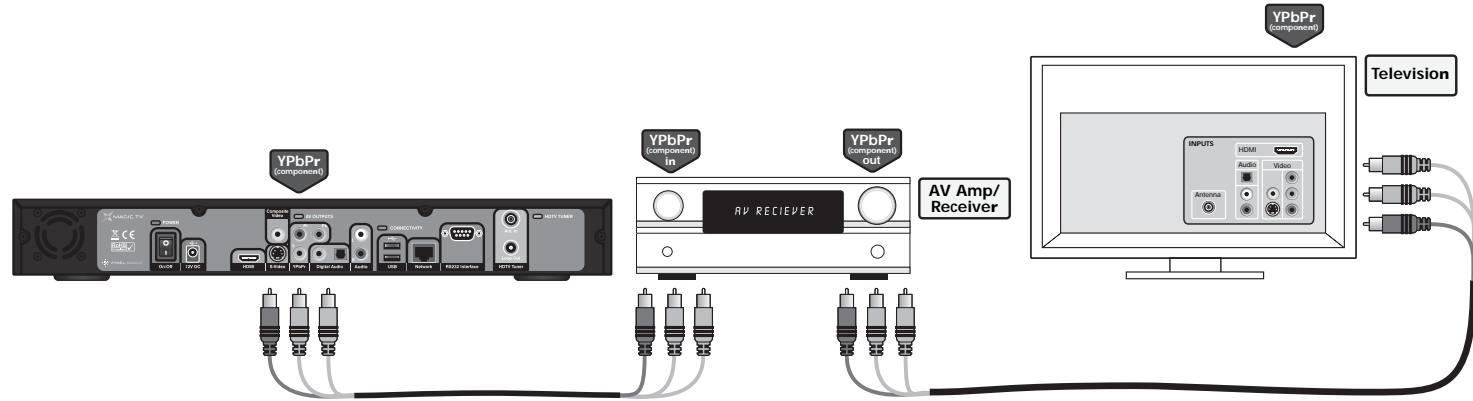
Video + Audio - for HDMI equipped receivers and HDTVs

HDMI is the highest quality output from Magic TV™. It can also carry multi-channel audio, which conveniently reduces cabling. Simply connect the HDMI output from Magic TV™ to one of your receiver's HDMI inputs and connect one of your receiver's HDMI outputs to one of your TV's HDMI inputs.



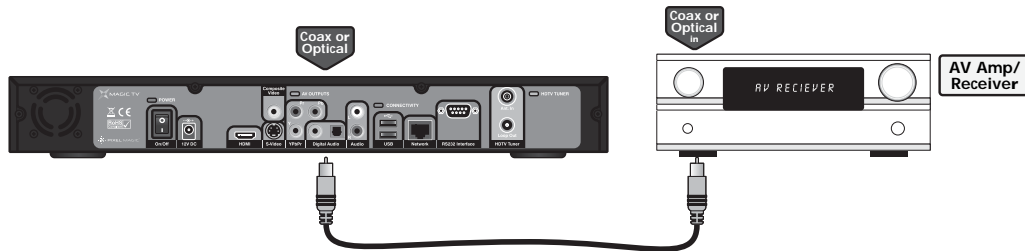
Video - for receivers or HDTVs without HDMI

If your receiver or television don't have HDMI, you can still get a very high quality High Definition image using Component (YPbPr). Simply connect the YPbPr output from Magic TV™ to one of your receiver's Component or YPbPr inputs and connect one of your receiver's Component or YPbPr outputs to one of your TV's Component or YPbPr inputs. Component doesn't carry audio, so a separate connection is needed. See below.



Audio - for receivers or HDTVs without HDMI

If your receiver doesn't have HDMI, you need to make a separate audio connection. Magic TV™ has both Coaxial and Optical digital audio outputs. Use whichever is more convenient. Simply connect one of the Digital Audio outputs from Magic TV™ to one of your receiver's Digital Audio inputs.



3.4 Other Setup Options

Network connection for Interactive Services

Some of the features present in the new MHEG-5 Interactive Services broadcasts require an internet connection (competition entries, voting, subscribing and purchasing, for example). You will need to have an existing Ethernet Network present in your home. Simply use a CAT-5 cable to connect the Network port of Magic TV™ to your network router or hub. See section 8.1 for information on network setup.



Congratulations

Magic TV™ is now wired up and ready to go.

- Switch on your system at the mains
- Switch on the devices (Magic TV™ has a power switch on the rear panel)
- Select the correct input on your TV

You will now see the Magic TV™ Guided Setup welcome screen.



Guided Setup

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4.1 Getting a Picture

- Turn Magic TV™ on
- Turn your TV on
- Change input on your TV to the one used by Magic TV™
- If this is the first time Magic TV™ has been switched on, the Guided Setup will be shown
- The default video output is 1080i (50Hz). If you can't see the Welcome Screen, please check that your TV supports this format. If not, please read section 9.2 to change the Video Output Format using the front panel display



4.2 Welcome to Magic TV™ Guided Setup

Do you want to continue?

Choose yes to be taken through Magic TV™ setup.

Step 1:

Please select a language

Select the language you wish the Magic TV™ menus and EPG to appear in.

English
Traditional Chinese *
Simplified Chinese



* = default setting

Step 2:

Please select the best Video Output Format for your TV

Choose the most appropriate option from the list.

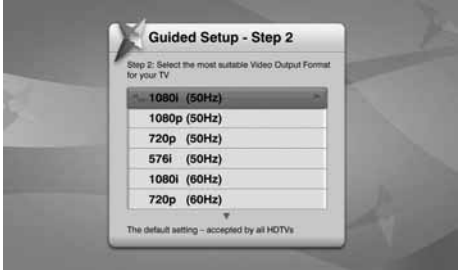
To ensure that you can always see a picture, Magic TV™ will automatically revert back to the previous format after 15 seconds if you haven't responded to the on-screen prompt.

1080i (50Hz) *	The default setting – accepted by all HDTVs
1080p (50Hz)	A good choice if your TV accepts a 1080p HDMI input
720p (50Hz)	A good choice if your 'HD Ready' TV has 720 or 768 lines of resolution
576i (50Hz)	Use only if your TV is Standard Definition
576p (50Hz)	Use these only under special circumstances – see section 7.2
1080i (60Hz)	
1080p (60Hz)	
720p (60Hz)	
480i (60Hz)	
480p (60Hz)	

Step 3:

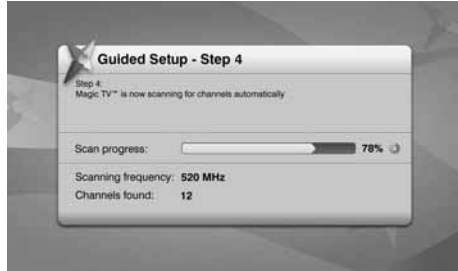
Please select the Aspect Ratio of your TV

16:9 (widescreen) *	Choose this if your TV is widescreen (most modern Plasma and LCD TVs)
4:3	Choose this if you have a traditionally shaped TV



* = default setting

4 Guided Setup



Step 4: Scan for channels automatically

This step will scan through all the available frequencies looking for channels. Once complete, Magic TV™ will display a list of the channels found.

Guided setup is now complete

You can now view Live TV, view the Electronic Programme Guide or take a look at some of the other setup options.

If you wish to return to 'Guided Setup' at any time, it can be found under Settings → Guided Setup.



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5.1 Simple Operations

Changing Channels

You can change channels in four different ways.



Change channel quickly using Channel Up/Down.



Enter the channel number directly if known.



Use the built-in Electronic Programme Guide (EPG) to browse and select a channel.



During Live TV press OK to show a Channel List. Use Up/Down arrows to select a channel and OK to confirm.

Remote Control Shortcuts



If you want to record during Live TV, press R to see a menu of options.



Pauses Live TV and starts recording the current programme so that you can catch up later (see section 6.10).



Jumps to the Recorded Programmes List.

Interactive Services

During some programmes, Interactive Services will be available.



Enter Interactive Services by pressing the TEXT button.



Navigate the Interactive screens and menus using the arrow/OK buttons and also the coloured buttons according to onscreen instructions.

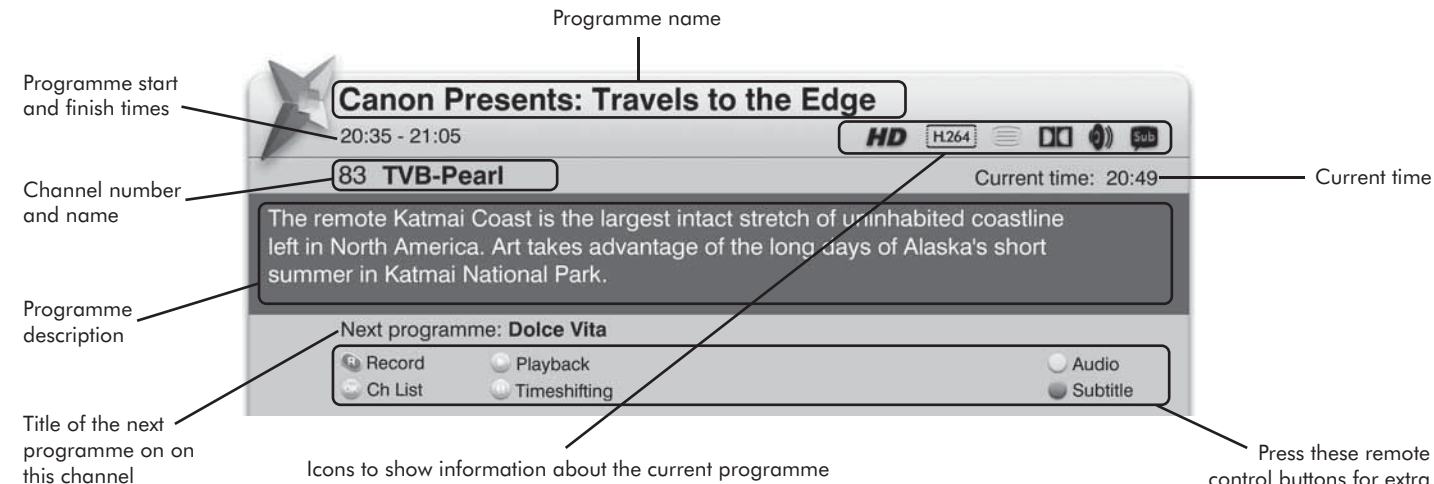
Magic TV™ Menu

Press the at any time to access the Main Menu. From here you can access all of the Magic TV™ features and options.



The Info Banner - current program information

The info banner will show every time the channel is changed; however you can also view it while you're watching a programme by pressing .



Icons to show information about the current programme

- HD** Programme is High Definition
- H264** Broadcast is encoded with higher quality MPEG-4/H.264 AVC codec
- Interactive Services are available
- Contains Dolby Surround Sound
- Multiple audio tracks are available

- Sub** Subtitles are available
- R** Programme is being recorded
- Playback of a Recorded Programme
- Currently TimeShifting (see section 6.10)

Press these remote control buttons for extra functions during Live TV

5.2 Electronic Programme Guide (EPG).

The EPG provides an easily understandable guide to what's showing on Magic TV™ over the next few days.

There are 2 alternative EPG views: Vertical and Horizontal. Press **⏏** to toggle between the views.

Vertical EPG:

Programme Guide 23 Tue 20:49

Horiz View -24 hrs +24 hrs Options Record Cancel

Thu 008/01/15

16 aTV World	Pops In Seoul
19 aTV HD	Pops In Seoul
80 TVB News	News Summary
81 TVB Jade	Scoop
82 TVB J2	Word Twisters Adventur...
83 TVB Pearl	Youth Travelogue
88 TVB HD	Scoop

Travels to the Edge with Art Wolfe
The remote Katmai Coast is the largest intact stretch of uninhabited coastline left in North America. Art takes advantage of the long days of Alaska's short summer in Katmai National Park.

TVB Pearl

7:00pm	Youth Travelogue
7:30pm	News At Seven-Thirty Foll...
7:55pm	Earth Live
8:00pm	Man's Heritage: Big Cat D...
8:35pm	Travels to the Edge with...
9:05pm	Dolce Vita
9:30pm	The Beijing Dream
9:35pm	Supernatural
10:35pm	Desperate Housewives
11:30pm	Countdown to the Beijin...

Remaining Recording Time - HD: 16hr, SD: 64hr

Callouts:

- Date of the programmes shown
- Channel numbers and names
- Programmes on at the time shown
- Current date and time
- Press these remote control buttons for extra functions
- The next 10 programmes on the current channel
- Currently highlighted programme
- Programme is either scheduled for recording or currently recording
- Programme is scheduled for repeat recording (see section 6.1)
- Description of currently highlighted programme

This shows how much time can be recorded before the disk is full. Labelled in hours for HD (High Definition) and SD (Standard Definition) programmes. All programmes broadcast in HD will be recorded in HD.

EPG Shortcuts:

Use the Channel Up/Down button to page up and page down the channels and programmes.

Use the Skip Back/Forward buttons to move back and forward 6 hours (in Horizontal EPG only).

Horizontal EPG:

Programme Guide 23 Tue 20:49

Vert View -24 hrs +24 hrs Options Record Cancel

Thu 008/01/15

16 aTV World	Discovering Masterpi...	Martin Yang's Hong...	The Terminator
19 aTV HD	Only You		Hong Kong Ghostb...
80 TVB News	World News Update		News Summary
81 TVB Jade	Best Selling Secrets	Word Twister's Adv...	The Ultimate Crime F...
82 TVB J2	NANA	Kitaro	Bleach
83 TVB Pearl	Man's Heritage: Big Cat...	Travels to the Edge...	Dolce Vita
88 TVB HD	Best Selling Secrets	Word Twister's Adv...	The Ultimate Crime F...

Travels to the Edge With Art Wolfe
20:35 - 21:05
The remote Katmai Coast is the largest intact stretch of uninhabited coastline left in North America. Art takes advantage of the long days of Alaska's short summer in Katmai National Park.

Remaining Recording Time - HD: 16hr, SD: 64hr

Callouts:


- Date and time of the programmes shown
- Channel numbers and names
- Current date and time
- Press these remote control buttons for extra functions
- Programme is either scheduled for recording or currently recording
- Programme is scheduled for repeat recording (see section 6.1)
- Indicates that the programme continues after the currently shown time
- Currently highlighted programme
- Indicates that the programme starts before the currently shown time
- Programme information including title, start and finish times and description











This shows how much time can be recorded before the disk is full. Labelled in hours for HD (High Definition) and SD (Standard Definition) programmes. All programmes broadcast in HD will be recorded in HD.

5.3 Aspect Ratio Correction

Hong Kong DTT channels are always broadcast in 16:9 widescreen format. If the programme is 4:3, then black bars will be included in the broadcasted image on the sides of the programme.

Aspect Ratio Correction can be used to remove these black bars and stretch the image in different ways to achieve the desired result.

Use the  button of the Magic TV™ Remote Control to cycle through the available modes.

Original broadcast (and also how the image will look if 'Full' is selected)	Aspect Ratio Correction mode used	Result on 16:9 TV	
	Full		The broadcast fills the screen
	WideZoom		Magic TV™ removes the sides and non-linearly stretches the image keeping the centre of the screen undistorted
	Zoom 1		Magic TV™ zooms in on the centre of the screen - retaining the original shape
	Zoom 2		Magic TV™ removes the sides and evenly stretches the image to fill the screen
	Letterbox /Pillarbox		If a programme appears stretched in 'Full' mode, this mode could correct it by adding black bars to the sides or top and bottom



6

Recording and Playback

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There are many easy ways to record programmes with Magic TV™. You can record the programme you're watching instantly, choose a programme to record from the EPG, set a traditional timer or record at the same time every day.

6.1 Basic Magic TV™ recording terms

Instant Recording. Recording the programme currently being viewed.

Scheduled Recording. Recording a future programme.

Repeat Recording. Recording a future timeslot at the same time each day or week.

Timer Recording. Manually setting a time for Magic TV™ to record.

To Do List. This is where you can view and amend Scheduled Recording tasks for the next 7 days.

TimeShifting. You are in TimeShifting mode when you are watching a delayed version of Live TV. For example when you pause Live TV because of an interruption, you are now in TimeShifting Mode (see section 6.10).

Keep. This term refers to how long Recorded Programmes will be kept before being deleted.


Trash. Once Recorded Programmes are deleted, they are placed in Trash. When a programme is in Trash, it will no longer appear in any other list, until it is either restored, overwritten or permanently deleted (see section 6.8)

Conflict. When 2 or more recordings are scheduled to overlap.



Disk Space. Magic TV™ uses a Hard Disk Drive to store Recorded Programmes. When this disk is full, no more recordings can be made. See section 6.8 on how to manage recordings so that you can free up disk space and keep important recordings.

Remaining Recording Time: This is displayed on many screens and is labelled in hours for HD (High Definition) and SD (Standard Definition) programmes. All programmes broadcast in HD will be recorded in HD.


6.2 Instant Recording


Recording the programme you're watching is easy – just press  on your remote control. A menu will be shown with the following options:


Record immediately	Magic TV™ will begin recording from the current time and will continue recording for 3 hours (adjustable once recording starts)
Record the current programme	Magic TV™ will automatically record the current programme only
Repeat Record the current programme	As above, and Magic TV™ will also provide the option to record at the same time daily, Monday to Friday, or weekly
Exit	No recording will be made


During Instant Recording, you can press  to end the recording or  to bring up a menu of recording options including changing the stop time.

6.3 Recording from the EPG


The easiest way to record future programmes is to find them on the Electronic Programme Guides, highlight them and press  on your remote control.

An  icon will be shown next to any programme scheduled for recording.

If you wish to cancel a recording, simply highlight the programme and press  on your remote control.

Pressing the  button when a programme is highlighted will provide further recording options.

Record this programme	Magic TV™ will record the currently highlighted programme
Repeat Record this programme	Choosing this will provide options for recording at the same time daily, Monday to Friday, or weekly

If the  button is pressed on a programme already scheduled to record the following options are provided:

Cancel this Scheduled Recording	
Extend Start Time	You can set the Start Time earlier than the EPG start time by none, 1, 2, 3, 5, 10 or 15 minutes. Note: This value will be used instead of the global value set in Main Menu → Settings → Recording → Extend Start Time for this particular programme
Extend Stop Time	You can set the Stop Time later than the EPG stop time by none, 1, 2, 3, 5, 10, 15 or 30 minutes, or 1, 2 or 3 hours. Note: This value will be used instead of the global value set in Main Menu → Settings → Recording → Extend Stop Time for this particular programme
Move recorded programme to folder	Once the programme has been recorded it will be moved to the selected folder
Exit	

6.4 Timer Recording

By navigating to Main Menu → Recording → Timer Recording, you can set Magic TV™ to record a particular channel at a particular time.

You can select the Channel, Date, Time and Length of recording



6.5 Viewing and amending Scheduled Recordings using the To Do List.

The To Do List can be found under Main Menu → Recording → To Do List. This list allows you to browse and amend all future Scheduled Recordings.

Once a task has been completed, it will be removed from this list.



If you highlight a Scheduled Recording and press **OK** you will be presented with the following options:

Cancel this Scheduled Recording	
Extend Start Time	You can set the Start Time earlier than the EPG start time by none, 1, 2, 3, 5, 10 or 15 minutes. Note: This value will be used instead of the global value set in Main Menu → Settings → Recording → Extend Start Time for this particular programme
Extend Stop Time	You can set the Stop Time later than the EPG stop time by none, 1, 2, 3, 5, 10, 15 or 30 minutes, or 1, 2 or 3 hours. Note: This value will be used instead of the global value set in Main Menu → Settings → Recording → Extend Stop Time for this particular programme
Move recorded programme to folder	Once the programme has been recorded it will be moved to the selected folder
Re-arrange Recording Priority	See the next section
Exit	

Tasks can also be cancelled by pressing the **CLEAR** button on your remote control and answering yes to the confirmation.

6.6 Recording Priorities and Conflicts

As Magic TV™ MTV5000 can only tune to one channel at a time, it will constantly check to see if any new recordings or changes to a Scheduled Recording cause an overlap.

If Magic TV™ detects an overlap or conflict when making or amending a Scheduled Recording, a message will appear asking you to set the priority for that programme.



Higher	This programme will be recorded instead of lower priority Scheduled Recordings
Lower	If a Higher priority scheduled recording conflicts with this one, the other will be recorded
Cancel	This will cancel the new recording/adjustment

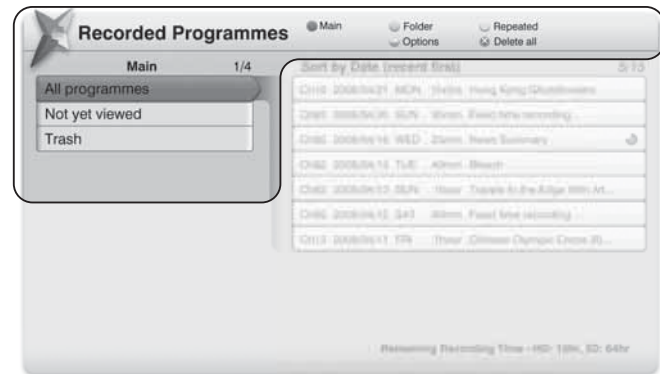
Unless the programmes start and stop times match exactly, Magic TV™ will still record some of the lower priority programme. Depending on the overlap, it will record either the beginning or the end of the lower priority programme.

A programme that will not record entirely will have a **⚠** icon on the To Do List.

6.7 Browsing Recorded Programmes

A full list of the recorded programmes can be found under Main Menu → Recorded Programmes.

As the number of recorded programmes can run into the hundreds, Magic TV™ has a number of ways to help you find them fast.



Browsing Categories can be:

Filter View (Main): Use these to quickly narrow your search by reducing the number of recordings shown in the right-hand list.

All programmes
Not yet viewed
Trash

Folder View: Organise your recordings into folders to help you find them. See section 6.8 about managing folder contents. A programme can only appear in one folder at once.

My Favourites	Arts	User 1
Sport	Music	User 2
Movie	Culture	User 3
Concert	Education	User 4
Children	Entertainment	Not in Folder
Performance	Documentary	

Repeat Recordings: This option lists programme names where a Repeated Scheduled Recording has been made. After choosing a Programme Name from the left-hand list, individual recordings will be shown on the right.

Trash: Here you can view programmes that have been deleted. See section 6.8 for further details.

Once you've entered a list, you can still swap between the Browsing Categories by using the coloured buttons:

RED	Filter View (Main)
GREEN	Folder View
YELLOW	Repeat Recordings

Programme list



On the right of the screen is a list of programmes. Once your highlight bar is in the right-hand column, the list can be sorted in many ways by pressing one of the coloured buttons. Pressing the button again will toggle between an ascending or descending list.

RED	Sort by date
GREEN	Sort by programme length
YELLOW	Sort by name (In Chinese OSD mode, programmes will be sorted by length of programme title)
BLUE	Sort by channel number

Press **OK** on a highlighted recording and you will be given the following options:

Play from last Stop Point	The programme will begin playing from the point it was last stopped at
Play from the beginning	The programme will begin playing from the beginning of the recording
Remove all Bookmarks	Deletes all the previously set bookmarks from the recording (if any). See section 6.9
Delete this programme	You will be asked to confirm that you want to move this recording to Trash
Keep this programme	You will be asked how long you want to keep this recording for. Select from various lengths of time, and also 'Forever'. See section 6.8
Move to folder	This recording will be viewable under the selected folder
Exit	

Press **Play** on a highlighted recording and Magic TV™ will begin playing the programme (from the last stop point if one exists).

Press **Clear** on a highlighted recording to delete the file.

Clear Files can be 'undeleted' later (see next section).

6.8 Managing Recorded Programmes

Organising programmes into folders



In order to find recorded programmes faster, Magic TV™ has a folder system where you can move recorded programmes into folders with meaningful names. This can be done from either the To Do or Recorded Programme Lists.

After pressing  on a highlighted programme in either list, you can select 'Move to Folder'. The available folders are as follows:

My Favourites	Arts	User 1
Sport	Music	User 2
Movie	Culture	User 3
Concert	Education	User 4
Children	Entertainment	Not in Folder
Performance	Documentary	


To view the contents of the folders, simply go to the Recorded Programme List and press .

Deleting and undeleting files

When browsing your recorded programmes, you can delete them by pressing  and choosing "Delete this programme" or by pressing .

Magic TV™ then marks these files as 'deleted' and removes them from the listings. The HDD space is now available for further recordings.

However, it is still possible to recover deleted files provided that they have not been overwritten.

In the main Recorded Programme List, there is a Filter called 'Trash'. When a programme is highlighted and  is pressed, you will have the following options:

Undelete this programme	This will restore the programme and it will behave exactly like it did before deletion
Permanently remove this programme	Once this has been selected, the file cannot be restored
Exit	


Pressing  on a programme in Trash will permanently remove it after confirmation.

Keeping Files

By default, Magic TV™ will keep all files indefinitely and will not overwrite recordings unless they have been manually deleted. If you keep programmes 'Forever', it is possible that Magic TV™ will not be able to make a recording if the disk is full. However, the front panel display and many of the menus contain the disk space information so that you can be aware of a potential problem.

This default setting can be changed in Main Menu → Settings → Recording → Keep Recorded Programme For, and options include numbers of weeks, months, 1 year and 'Forever'.

After the keep period has passed, Magic TV™ will move the file to Trash and the space will be made available for new recordings.
















Individual recordings can be kept for different amount of times by highlighting them in the Recorded Programmes list, pressing  and choosing the required time period.

A common configuration to avoid the disk becoming full is to set the default to a few months and then set selected recordings to 'Forever' for long-term viewing.

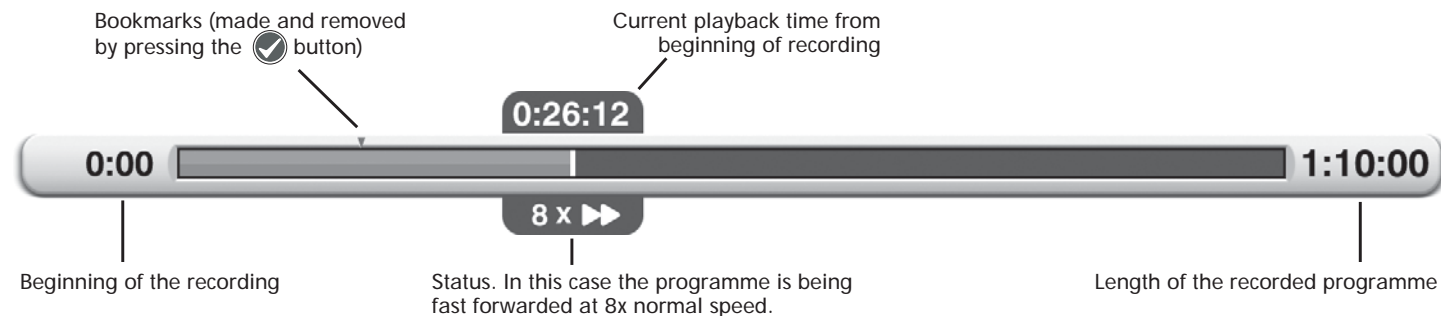
6.9 Playback of Recorded Programmes

Once a recording has been selected from the Recorded Programmes List, playback will begin. During playback you get all the features you would expect from a video recorder such as pause, fast forward and rewind, but there are some other features too.

These are the functions of remote control buttons during playback:

	Will stop playback and return to the Recorded Programme List. Magic TV™ will remember this point and you can choose to resume playback from this point later
	If already playing, this button can be used to display the Timebar for 30 seconds. Pressing  will hide it again
	Rewind – the programme will rewind at double the normal speed. Press the button again to increase speed of rewind to 4x, 8x and 16x
	Fast Forward – the programme will move forward at double the normal speed. Press the button again to increase speed of Fast Forward to 4x, 8x and 16x
	Skips backwards 8 seconds
	Skips forward 30 seconds
	Skips backwards to the previous bookmark or 5 minutes if no bookmark exists
	Skips forward to the next bookmark or 5 minutes if no bookmark exists
	Cycles through the available subtitles (if available)
	Cycles through the available audio tracks (if available)
	Creates a bookmark at the current playback time. You can use the   buttons to skip between bookmarks. Pressing the button again within 10 seconds of a bookmark will remove it
	Shows an Info Banner about the recorded programme

The Playback Timebar



6.10 TimeShifting & Pausing Live TV

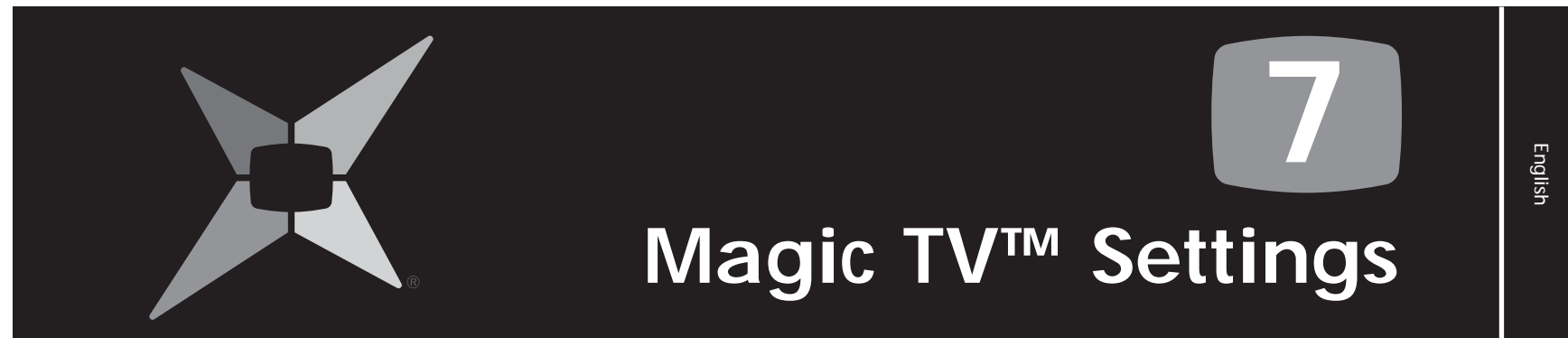
If your Live TV viewing gets interrupted and you don't want to miss anything, you can press to freeze the action.

Magic TV™ will ask if you want to enter TimeShifting mode. If yes, it will remain paused and immediately begin recording the current programme. You can press play at any time to resume viewing from where you left off.

The programme now displays a and behaves like a Recorded Programme (see above) and you can rewind, fast forward, pause and skip in exactly the same way within the segment of the programme that has been recorded.

To return to the live broadcast, you can either fast forward/skip to the end of the recording or press at any time.

TimeShifting recordings have a lower priority than Scheduled Recordings. If a conflict occurs, Magic TV™ may switch channels in order to record as Scheduled.



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7.1 Info Format

Menu Language

English
Traditional Chinese *
Simplified Chinese

This menu allows you to choose the language for the Magic TV™ menus.

Auto Info Banner

Normal *
Slow
Off

When the channel is changed, or Live TV is first accessed, the 'Info Banner' will show. This setting allows you to choose the time taken before it disappears.

Front Panel Brightness

Dim
Normal *

From here, you can select a reduced brightness setting for the front panel.

Front Panel Clock

Off
On *

* = default setting

Normally, when Magic TV™ is in 'Standby', the front panel will display the current time. This menu allows this feature to be turned off.


OSD Transparency

Solid
Low
Medium*
High

When the Magic TV™ menus overlay a TV programme, they are transparent so that you can still see the moving image below. The level of transparency can be set here.


Recording OSD Logo

Off
On *

During recording Magic TV™ will display a  logo for 3 seconds at 10 seconds intervals. This setting allows you to turn the logo off.


Playback OSD Logo

Off
On *

During playback of recorded programmes Magic TV™ will display a  logo for 3 seconds at 10 seconds intervals. This setting allows you to turn the logo off.

7.2 Video

Video Output Format

 50/60Hz As Hong Kong DTT programmes will normally be broadcast in 50Hz, selection of a 50Hz format from the list below is recommended. However, some TVs (perhaps from Japan or America where broadcasts are in 60Hz) may not happily accept a 50Hz signal. In this case choose from the list of 60Hz formats provided.

1080i (50Hz) *	The default setting – accepted by all HDTVs
1080p (50Hz)	A good choice if your TV accepts a 1080p HDMI input
720p (50Hz)	A good choice if your 'HD Ready' TV has 720 or 768 lines of resolution
576i (50Hz)	Use only if your TV is Standard Definition
576p (50Hz)	
1080i (60Hz)	
1080p (60Hz)	
720p (60Hz)	
480i (60Hz)	
480p (60Hz)	

As the S-Video and Composite Video outputs are Standard Definition only, they will output PAL if a 50Hz setting has been chosen and NTSC if a 60Hz output has been chosen.

The maximum output of Component is 1080i. If 1080p 50Hz or 60Hz is selected, the HDMI port will output 1080p and the Component will output 576i and 480i respectively.

The minimum output of HDMI is 480p or 576p. If 480i or 576i is selected, the HDMI output will be 480p or 576p respectively.

To ensure that you can always see a picture, Magic TV™ will automatically revert back to the previous format after 15 seconds if you haven't responded to the on-screen prompt.

Black Enhancer


Off
On *

This feature can provide more image depth when used in certain systems. Try it and see which you prefer.

Image Mode

Natural*
Dynamic


This option can help boost contrast in channels if they appear flat or 'washed out'.

 This setting is saved for each channel, so ensure that you are tuned to the channel you want to adjust before making the adjustment.

* = default setting

Aspect Correction Mode

Zoom 1
Zoom 2
Letterbox
Full *
Widezoom

This menu allows you to select the default Aspect Ratio Correction Mode. See section 5.3. You can also cycle between modes by using the  button on the remote control.

TV Aspect Ratio

16:9 (widescreen) *
4:3

Use this menu to set the shape of your display. This option is also included as part of the Guided Setup process. 16:9 is the shape of most modern digital Plasma and LCD TVs. 4:3 is the traditional shape of analogue displays.

7.3 Audio

HDMI Audio Out

Off
On
Auto *

* = default setting

HDMI is unique in that it can transmit both video and audio along the same cable. This menu allows you to select whether or not to do this. In Auto mode, Magic TV™ will send audio if it detects that the TV/receiver can accept it. You may want to turn HDMI audio off if you are sending audio separately to an AV receiver via the digital audio outputs.

Bitstream

Off *
On


By default the digital audio is transmitted in PCM format (Bitstream off) for maximum compatibility with TVs. However, if you want to receive broadcasts in 5.1 digital surround sound (to be passed to an AV receiver, for example), Bitstream should be tried.

7.4 Recording

Extend Start Times

- None*
- 1/2/3/5/10/15 minutes


When a Scheduled Recording is made from the EPG, Magic TV™ will start at exactly the time shown. However, if programmes are delayed or don't match with the EPG data, the beginning of the programme may be missed. Here you tell Magic TV™ to start recording all programmes earlier than the scheduled time.

You can also set this time for individual programmes on the To Do List by pressing  on a highlighted programme.

Extend Stop Times

- None*
- 1/2/3/5/10/15 minutes
- 1/2/3 hours

When a Scheduled Recording is made from the EPG, Magic TV™ will stop recording at exactly the time shown. However, if programmes are delayed or don't match with the EPG data, the end of the programme may be missed. Here you can tell Magic TV™ to stop recording all programmes later than the scheduled time.

You can also set this time for individual programmes on the To Do List by pressing  on a highlighted programme.

Keep Programme For

- 1/2 weeks
- 1/2/3/6/9 months
- 1 year
- Forever

Here you can set the time before Magic TV™ will move a Recorded Programme to Trash. You can also set this time for individual recordings. See section 6.8 for further information on 'Keeping Recordings'

Remaining Disk Space

This section displays how much space is left on the internal Hard Disk Drive.

- Remaining Disk Space in gigabytes and megabytes
- HD recording time in hours
- SD recording time in hours

7.5 Channel Setup

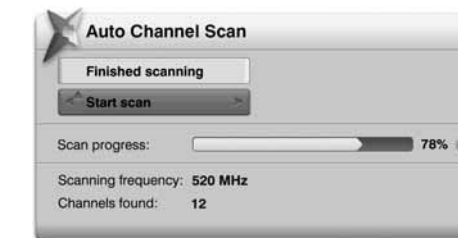
Channel List

Here, you'll see a list of all the channels currently found by Magic TV™. If you select a channel, you will be given the option to either:

View this channel
Delete this channel
Exit

Deleting a channel will make it unavailable to view or browse on the EPG. To restore the channel, a new channel scan will have to be performed.

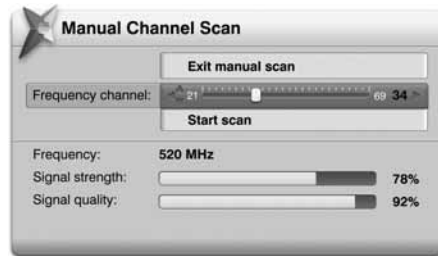
Auto Channel Scan



After entering Auto Scan, you will be asked to confirm that you want to delete all current channels. After proceeding, Magic TV™ will begin scanning for channels. A yellow bar will represent the scanning process. The scan can be stopped at any time and any found channels will be available to view. When the scan has finished, Magic TV™ will jump to Live TV.

* = default setting

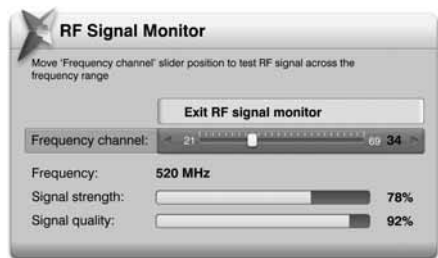
Manual Channel Scan



Magic TV™ can be made to scan certain frequencies for channels. Use the slider to select the desired frequency channel. The presence and quality of a broadcast signal can be seen below. After selecting 'Start Scan', Magic TV™ will report the number of channels found (if any).

After you've finished scanning, you can view the new channels by selecting 'View Channel List'.

RF Signal Monitor



The strength and quality of your DTT signal can be viewed in this section.

The Frequency Channel slider will automatically show the channel of the current viewing channel (or 35 if none).

Use ◀ ▶ to move the slider to a different frequency channel and Magic TV™ will automatically display the Strength and Quality of the broadcast.

Signal Strength: This shows the aerial/antenna receiving power of the current channel frequency. Moving your aerial/antenna will change this value. For the best viewing quality, please tune the antenna for a signal value above 50.

Signal Quality: 100% indicates error free reception. A lower value may cause the TV picture to deteriorate and produce visible image artifacts.

🔧 To help with installation, the signal can also be monitored without a TV. During signal monitoring, the Front Panel Display will show the UHF channel number, signal quality and signal strength.

For example, a display of "CH:35 100:70" indicates a UHF channel of 35, a signal strength of 100% and a signal quality of 70%.

7.6 Guided Setup

Selecting this option will restart the initial setup sequence outlined in section 4.

7.7 System

System Info



This selection will display a system information panel. This information is mainly for diagnostic purposes in the event of a problem.

Network

Some of the features present in the new MHEG-5 Interactive Services broadcasts require an internet connection (competition entries, voting, subscribing and purchasing, for example). You will need to have an existing Ethernet Network present in your home. See section 8.1 for information on network setup.

Restart

Choosing 'Yes' to this option will result in Magic TV™ turning itself off and back on. After restarting, Live TV will be shown as normal.

Reset

Choosing 'Yes' to this option will result in Magic TV™ deleting all channels and resetting all options to the factory defaults. After this has been performed, Magic TV™ will start as if for the first time and you will be taken through the Guided Setup process.

Firmware upgrade

From time to time Magic TV™ will receive updates for the software that controls it. It is important that your firmware is up-to-date, as new features, bug fixes and enhanced operation may be available.

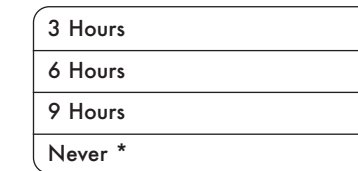
Occasionally these updates will occur automatically Over-The-Air (OTA). More commonly, firmware will need to be updated via USB.

Upgrading the firmware will not change, reset or delete any current settings.

See section 8.2 for Firmware Upgrade instructions.

Sleep timer

In order to save electricity, Magic TV™ constantly monitors infrared signals coming from any remote controls in your system. If no signals are detected, Magic TV™ will go into standby mode after the selected length of time.



* = default setting



System Operations

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8.1 Network Setup



Get IP Address from DHCP Server

The most common way to get Magic TV™ on your network is to get the IP information from a DHCP Server (usually on a network router).

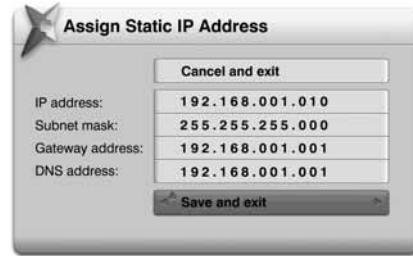
After selecting this option, Magic TV™ will start searching for the IP information.

If found, a message will appear and selecting “Save and exit” will finish the process.

If no DHCP server is found, please check that your network supports DHCP and that your network cable is connected correctly at both ends.

Restart Magic TV™ for it to be seen by the network.

Assign Static IP Address



Select this option if your network doesn't support DHCP, or you would rather assign a particular IP Address to Magic TV™.

You will be asked to input the following information:

- IP Address
- Subnet Mask
- Gateway Address – (often the IP Address of your router)
- DNS Address – (often the IP Address of your router)

Please refer to your network equipment and computer's documentation for information about IP settings.

Use the number keys on the remote control to enter the numbers directly.

Restart Magic TV™ for it to be seen by the network.

8.2 Firmware Upgrade

It is possible that these updates will provide features not covered in this guide. Details of new features will be available at www.magictv.com/en/support.html

Firmware upgrade via USB

Step 1: Firmware Version Check

- On Magic TV™, go to Settings → System → System Info. The installed firmware version and date will be shown
- If the firmware available for download is newer than the version installed in your Magic TV™ (i.e. a higher version number), continue to the next section

Step 2: Downloading and transferring the new firmware

- Download the new firmware zip file from the www.magictv.com website to a PC
- Unzip the file and you should see the firmware file MTV5000-{version-number}.upg
- Transfer the unzipped file to a portable USB storage device
- Connect this portable USB device to one of the Magic TV™ USB ports

Step 3: Updating Magic TV™



- Navigate to Settings → System → Firmware Upgrade
- Magic TV™ should report that a new firmware has been found
- Select ‘Start upgrade’ and Magic TV™ will begin the upgrade process and show a progress bar
- Caution: it is important that the power to Magic TV™ is not interrupted during the upgrade process

Finish: Once Magic TV™ has been upgraded, it will restart automatically.

Firmware upgrade Over-The-Air (OTA)

If a firmware upgrade is available Over-The-Air, Magic TV™ will download the firmware from the TV broadcast. When Magic TV™ is ready to perform the upgrade, a message will be shown when you next switch on. Follow the onscreen instructions to complete the upgrade.

Caution: it is important that the power to Magic TV™ is not interrupted during the upgrade process.


Once Magic TV™ has been upgraded, it will restart automatically.



Troubleshooting

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Problem	Possible causes	Solution
No picture	<p>Magic TV™ is not plugged in and switched on at the back.</p> <p>Magic TV™ is still in Standby mode.</p> <p>Video cable isn't correctly attached.</p> <p>Your display isn't able to display the current Output Format (the current Output Format is displayed on the front panel).</p>	<p>Check the front panel. If nothing has illuminated, then it is a power issue – please check the power cable and plug socket.</p> <p>If a red circle is illuminated on the front panel, then Magic TV™ is in Standby. Press the Power button on the remote control.</p> <p>Please check that you are using the correct cable and connectors for your TV and that they are inserted correctly.</p> <p>Please see the next section for instructions on how to change Output Format without a picture.</p>
Poor results in the RF Signal Monitor	<p>Aerial/antenna not connected.</p> <p>Aerial/antenna not pointing in the correct direction.</p> <p>Broadcast coverage doesn't reach your area.</p> <p>Your building isn't yet set up to receive the broadcasts.</p>	<p>Please make sure a good quality (preferably roof mounted) aerial/antenna is connected to the Magic TV™ 'Ant.In' connector using good quality cable.</p> <p>If you can reach safely, adjust the direction of the aerial/antenna until a signal is received. Please seek help from a professional for external aerials/antennas.</p> <p>Please see http://www.digitaltv.gov.hk for information about DTT broadcasts in your area.</p> <p>Please seek advice from your building management personnel about Communal Aerial Broadcast Distribution (CABD).</p>

Problem	Possible causes	Solution
Remote control is not working	<p>No batteries or batteries incorrectly inserted.</p> <p>Batteries are flat.</p> <p>Infrared receiver on Magic TV™ is obstructed.</p>	<p>Insert the supplied 4x AAA batteries as described in section 2.1.</p> <p>Insert fresh batteries as described in section 2.1.</p> <p>Check that there is clear 'line of sight' from the remote control to the sensor on the front panel of Magic TV™ (see section 2.3).</p>
No sound	<p>Audio cables are not connected.</p> <p>HDMI Audio Output is not active.</p> <p>HDMI audio is not supported on the display/receiver.</p> <p>PCM/Bitstream not supported by the display/receiver.</p>	<p>Please check that your desired audio cable is connected properly.</p> <p>Please check that Settings→Audio→HDMI Audio Out is turned on.</p> <p>If you are using HDMI audio, please check that your TV or receiver is compatible.</p> <p>Please set Settings→Audio→Bitstream to the opposite option to try.</p>
Picture is distorted (people look either too wide or narrow)	<p>Wrong TV shape is set.</p> <p>Wrong Aspect Ratio Correction Mode is set.</p>	<p>Please make sure that Settings→Video→TV Aspect Ratio is set to match the shape of your display.</p> <p>Please read section 5.3 about Aspect Ratio Correction modes.</p>
Live TV signal is not stable	<p>Signal quality not good enough (Live TV Indicator  on the front panel not solidly on).</p>	<p>Check your antenna. The Signal Strength Indicator on the VFD and RF Signal Monitor in the menus can also help diagnose any signal problems for the current TV channel. See RF Signal Monitor in section 7.5.</p>

Problem	Possible causes	Solution
Picture not stable when using HDMI to DVI	HDMI audio is switched on, causing instability.	Please check that Settings→Audio→HDMI Audio Out is turned off when using a DVI connection to your TV.

9.2 Setting the Output Format from the front panel

If you can't see a picture when you first connect Magic TV™ to your television, it might be because the default 1080i 50Hz format isn't recognised. In this case, you can use the front panel display to change the format to one supported by your TV.

1. Press 
2. The front panel should read "Live TV"
3. Press  until the display reads "Settings". Press 
4. The front panel should now read "Info Format". Press  until the display reads "Video". Press 
5. The front panel should read "TV Aspect". Press  until the display reads "V Format". Press 
6. Use  /  arrows to select a suitable Output Format.

E.g. "1080i (60Hz)" Press 



7. The front panel should read "OK / Cancel"

8. If you can now see a correct image on the TV, press 

9. If the image still hasn't appeared, wait a few seconds until the front panel reverts to the previous resolution e.g. "1080i (50Hz)" then return to step 6 to try another resolution.

9.3 Rescue Procedure (from firmware corruption)

If power has been interrupted during a firmware upgrade, or for some other reason, the Magic TV™ firmware has become corrupt. You can restore Magic TV™ using the following steps:

1. Visit www.magictv.com/en/support.html and find the newest version of the firmware (MTV5000_XXX.zip where 'XXX' equals firmware version).
2. Extract the contents of the zip file into the root directory of a USB storage device (a thumbdisk for example).
3. Insert the USB drive into one of the Magic TV™ USB ports.
4. Hold down the front panel Magic TV™ Button while you switch on Magic TV™ using the rear panel On/Off switch.
5. Magic TV™ will enter Rescue Mode, and autodetect the firmware on the USB drive.
6. If no firmware is found the front panel will show an error message. Recheck that the firmware files are unzipped and in the root of the USB drive and the USB drive is inserted correctly. Press  to try again.
7. If firmware is found, the version number will be displayed on the front panel. Press  to proceed.
8. During the rescue process, the front panel will show "UPGRADING" and the bars at the left-hand side will show progress.
9. After the rescue process has completed (normally around 2 minutes), Magic TV™ will reboot automatically.



10

Support & Warranty

English

Support & Warranty

Product Support

Magic TV™ MTV5000 is designed to provide you with many years of viewing pleasure. If for any reason you encounter a problem with your unit, please follow these steps:

1. Carefully follow the instructions shown in this manual.
2. Refer to section 9: Troubleshooting to try and rectify the problem.
3. Contact your dealer for advice.
4. If you still cannot get the information you need, please contact our support team using the following details.

Email: support@magictv.com

Magic TV™ Support Hotline: (852) 2655 6778

Caution: Under NO circumstances should you attempt to repair or modify Magic TV™ as this could expose you to electrical shock, and/or severely damage Magic TV™.

Product Warranty

Pixel Magic Systems Ltd. warrants MTV5000 for One-Year from date of purchase to the original purchaser that this product is free from defects in materials and workmanship. If, after inspection, you discover any defects in materials or workmanship, Pixel Magic Systems Ltd. will have the option to repair, or replace the defective Pixel Magic Systems' product free of charge. This one-year warranty does not cover damages from normal wear and tear or from accidental damage, misuse, improper care, alterations or damage caused in transportation by a common carrier or airline.

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