Humax Freeview Play HD Recorder
Model: FVP-5000T

Product Manual
Welcome to your Humax FVP-5000T Freeview Play HD Recorder.

This manual contains all the detailed information for you to explore and enjoy all the great features of this smart HD TV recorder.

If you require any help installing or setting up, feel free to call us on **0344 318 8800** (Mon-Fri 9am-5pm).

Text too small? Our latest product manuals can also be found online at: [uk.humaxdigital.com/support](http://uk.humaxdigital.com/support)
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What’s in the box

Remote Control & Batteries
HDMI Cable
Ethernet Cable
AC Power Adapter
Quick Setup Guide
Product Manual
Connections

Here’s what goes where for your new Freeview Play Recorder

Connecting the aerial

This product is compatible with an aerial connection only.

Use the aerial connection that comes in to your house from the main antenna. If you do not have one, you can try an indoor aerial. (Satellite connections are not compatible.)

The cable from the aerial will plug in to the RF IN port at the back of your box.

This recorder also supports loop-through functionality. If you would like to receive a direct aerial signal back in to your compatible TV, connect an aerial cable to the back of your TV and the other end in to the RF OUT port at the back of your box.

Connecting to the TV

Using a HDMI cable

Use a HDMI cable to connect to the TV. This will provide up to 1080p HD picture quality.

Plug one end in to your TV’s HDMI port and the other in to the HDMI port at the back of your box.

Using a RCA cable

For the best picture quality, we recommend using a HDMI cable.

Alternatively use a RCA cable to connect one end to your TV and the other in to the AUDIO VIDEO SPDIF port on the back of your box.

Connecting to the internet

Ethernet Wired Connection (LAN)

Connect an Ethernet cable to your broadband router and plug the other end in to the ETHERNET port at the back of your box.

The internet should connect automatically, but if you have trouble connecting you can find the on-screen settings later by navigating to:

Freeview Play Home > SETTINGS > Network Settings

Wi-Fi Wireless Connection (WLAN)

Your product has a built-in wireless receiver. You can configure these settings at any time by navigating to:

Freeview Play Home > SETTINGS > Network Settings > Configure WLAN

Connecting the power

Use the AC adapter provided and plug in to a power socket.

Plug the other end in to the POWER port at the back of your box.

HDMI CEC

HDMI CEC (Consumer Electronics Control) lets you to control the TV and HDMI CEC supported devices through the HDMI input. If your TV supports this feature, it will turn on/off automatically when the recorder is powered on/off.

Tips:

• Make sure all the cables are secure before you power on.
• See the system settings section for on-screen setup instructions.
• Set Power Saving Mode to OFF when using the aerial loop-through function (RF OUT).
• Connecting your TV directly to the audio/video output of the product will assure a more vivid picture and enhance your viewing enjoyment.
Remote Control
Breakdown of which buttons do what on your remote

**Standby**
Switch your recorder on/off

**Recordings**
- Access your recordings

**Text**
Access the digital text services

**On Demand**
Access recommended on demand content

**Plus**
Find additional on-screen controls

**Back**
Go back a step

**Freeview Play Home**
Access all functions from this Home Page

**Colour buttons**
Interactive buttons for certain apps and features

**Numeric Keypad**
Numeric (0-9) keys that also allow you to input letters and symbols

**Inserting Batteries**
Insert the batteries matching the plus(+) and minus(-) at each end.

**Universal Remote Control**
Your remote control is compatible with many popular TV’s. To control your TV universally using this remote control, see pages 34-35.

**Tips:**
- If the remote controls batteries are running low, the STANDBY and TV STANDBY buttons will blink twice every time you press the Freeview Play home button.
Navigation
Get to know these buttons on your remote, they’ll come in handy

**PLAY/PAUSE**
- Controls the play and pause of live TV and recordings

**REWIND**
- Rewind recordings
- Jumps backwards 2 hours in the TV Guide

**STOP**
- Stop playing

**FORWARD**
- Forwards recordings
- Skips ahead 2 hours in the TV guide.

**RECORD**
- Set a quick recording
- Schedule recordings in the TV Guide

**NAVIGATION KEYS**
- Left, Right, Up, Down

**SMART SEARCH**
- Press to bring up Smart Search screen

**EXIT**
- Jumps back to live TV from any screen

**PLUS**
- Brings up additional on-screen options.

**OK**
- Press OK to make or confirm selections

**BACK**
- Jumps back one step or page

**Freeview Play Home**
- Brings you back to the Home screen

**CHANNEL**
- Changes channels from live TV
- Skips by page in the TV guide

**VOLUME**
- Control the volume of your recorder

**GUIDE**
- Brings up the TV guide with one press

**Tips:**
- If you have a HDMI CEC enabled TV, you can control the volume of your TV universally at the same time. See page 34.
Live TV
Watch programmes live and find out more about them

Watching live TV
You can enjoy plenty of live TV channels in real time.

Use the channel buttons to flick through individual channels.

Directly input channel numbers with the numerical pad.

Bringing up the Channel List
Pressing the arrow keys will bring up the channel list.

You can also press the BLUE button within the mini-guide to access this screen.

Pause, rewind and record live TV

Pausing live TV
Press the PAUSE button to pause live TV.

Rewinding live TV to watch missed scenes
Press the REWIND button to start rewinding back to where you paused live TV. Press the Play button at the point you want to start watching.

Forwarding live TV to skip scenes
Press the FORWARD button when there is a time gap between the current watching point and the live broadcast point.

Instantly recording live TV
Whilst watching, press the RECORD button to record to the end of the programme.

Press STOP if you want to manually end the recording.

Tips:
- You can rewind live TV by up to x64 normal speed.
- Your recorder will start to temporarily store live TV footage 10 seconds after switching to that channel.
Time Shifted Recording (TSR)
Your Freeview Play Recorder supports time shifted recording (TSR) that allows you to pause a live programme and return to it later where you left off. The TSR function temporarily records the programme you are watching on the hard drive for up to 2 hours.

Programme information
Mini-guide (simple guide)

Pressing OK on live TV will bring up programme information of what’s currently on.

Additional programme information

Press OK again to bring up additional programme information. From here record this programme, record whole series and set reminders.

Display options
You can access the display options by pressing the PLUS button.

Change the resolution, display subtitles and enable audio descriptions.

Accessibility keys on your remote

Tips:
• Access smart search from live TV by pressing the search button on your remote control.
• The TSR function will reset each time you change channels.
TV Guide
Browse up to 8 days in advance using the on-screen TV Guide

Use the button on your remote to access this screen.

Making a selection
Select a programme and press the OK button to start watching it live or to bring up additional options. Alternatively, you can enter the channel numbers to jump to that channel.

Navigating the TV Guide:
Use the navigation keys to scroll listings one at a time. Pressing the PLUS button will bring up further on-screen options.

Changing programme genre
1. Press the PLUS button and select GENRE SEARCH.
2. Select the genre and press the OK button.
You can see the channels categorised for each genre.

Setting quick reminders or recordings

Set a quick reminder
In the guide you can set a reminder by pressing OK on a programme and selecting SET REMINDER.

Set a quick recording
Press the RECORD button on your remote when a programme is highlighted in the guide.
Press OK for further options including series record.

Tips:
• Use change by group to quickly sort SD channels, HD channels and Radio channels.
Setting reminders or recordings within the TV Guide

1. Select a programme and press the OK button.
2. Select an episode in the left column.
3. Select RECORD WHOLE SERIES, RECORD THIS PROGRAMME or SET REMINDER and press the OK button.

Note:
- If the programme conflicts with another programme, adjust the scheduling appropriately.
- If the channel is locked, you will be prompted to enter your password. The default password is 0000.
- If you have forgotten your password, please contact customer services.

Next or Previous Programmes

Viewing what’s on next via the TV Guide

Press the PLUS button and use JUMP TO DATE to search for programmes up to 8 days in advance.

Alternatively, long press the navigation keys to move to a previous or next day.

Watching previous shows via catch up

You may have noticed the icon next to certain programmes within the TV Guide.

This means you can watch that programme directly on demand without waiting.

1. Press the LEFT navigation key to go back in the guide to see past programmes available in Catch up.
2. Select a programme and press the OK button. If the programme has been recorded or is available on Catch up you can play it back.

Note:
Catch up programmes are accessible only when connected to the internet and that programme is available on catch up from the broadcaster.

Tips:
- Alternatively, you can access this screen by navigating to TV Guide on the Freeview Play Home screen.
- Use the BACK button to exit programme selections.
Smart Search
Find your favourite shows with our powerful search feature

Use the button on your remote to access this screen.

Searching via keyword
You can search for your favourites shows from Live TV, Catch up, Recordings and On Demand.

Press the SEARCH button.
Start entering a keyword using the numerical pad or select characters on-screen.

Suggested searches will appear on screen after you start typing the first 3 characters.

Your recorder will categorize content by On Demand, TV/Radio Channels, Programme, Recordings, Apps or Network Server.

With the categorised content, you can search for your favourites at a glance and watch it right on your TV.

Navigating the Smart Search screen:
Pressing the rewind button will go back to the first page of results.
Use the navigation keys to select a programme.
Confirm selections by pressing OK.
Set recordings by pressing the record button in programme listings.

Tips:
• Access smart search wherever you are by using the search button on your remote control.
• Enter at least three characters to start predictive searches.
Freeview Play Home
The heart of your TV entertainment

Use the button on your remote to access this screen.

From the Freeview Play Home screen, access:

**TV Guide**
Browse through tons of TV channels, set reminders and recordings all from one place.

**Players**
Access all on demand players from here.

**Top Picks**
View unmissable TV suggestions via Live TV, On Demand, Catch up and Recordings.

**Recordings**
Your Freeview Play recorder will store recorded content here.

**Media**
Playback your own custom media from video, music and photos.

**Settings**
Access the settings of your Freeview Play recorder.

Navigating Freeview Play Home:
Use the navigation keys to browse through the selections.

Press OK to confirm selections.

Press EXIT to switch back to live TV.

Tips:
• To get the most out of your product, make sure it is connected to the internet.
• Top Picks allows you to enjoy trending content that Freeview and Humax have recommended.
Players

Catch up and on demand all in one place

Use the button and navigate to PLAYERS to access this screen.

Catch up apps and Players
It’s easier than ever to browse and watch the hottest media content right on your TV.

Press the Freeview Play button to access Players.

Press OK to select a service and continue to follow the on-screen setup instructions.

Use the Netflix hot-key located on your remote to quickly access your favourite Netflix shows.
(Netflix streaming membership required.)

Navigating the Players section:
Use the playback control buttons to control the content on the selected player app.

Use the navigation keys to scroll listings one at a time.

Confirm selections by pressing OK.

Note:
• Apps may differ based on geographical location.
• TV APPS are subject to change without notice. HUMAX is not responsible for the content or the discontinuity of the services.

Tips:
• Remember to take full advantage of the Freeview Play and various HUMAX services offered by connecting your recorder to the internet.
Top Picks

Popular content based on suggestions and your viewing history

Use the \[\text{\textbf{\textcolor{red}{\textbf{ON DEMAND}}}}\] button on your remote to access this screen.

You can also press the Freeview Play button and navigate to TOP PICKS.

Find On Demand, On Now, Next and Recordings under the Top Picks menu. Freeview and Humax recommend featured content based on live viewing trends and categorise shows accordingly.

**On Demand**
View Freeview On Demand recommendations. Recommended programmes are categorised by genre and thus enables you to search content with ease.

Press OK on the selected programme to be taken to the content provider’s on demand app.

**On Now**
Easily see what’s on featured channels in real-time making programme selection easier.

Press OK to watch the selected programme.

Press the PLUS button to replace channels.

**Next**
Not to be missed programmes coming on later in the day across popular channels.

Press RECORD to set a quick recording.
Press OK on the selected programme to set a reminder.

**Recordings**
Saved recordings are categorised into two groups, Recently Added and Continue Watching.

Press OK on the selected programme to start or resume watching.

Tips:
• Top Picks helps select the most popular shows for you all in one place.
• Make sure you are connected to the internet to access all services.

Use the \[\text{\textbf{\textcolor{red}{\textbf{\textbf{ON DEMAND}}}}\] button on your remote to access this screen.
Recordings
Access all of your recordings from one place

Use the button on your remote to access this screen.

Playing recorded programmes
You can also press the Freeview Play button and navigate to RECORDINGS.

From here you can watch the recordings stored on your built-in hard disk drive. Recordings are categorised so that it’s easier for you to find the programme you want.

Playing Recordings
1. Press the Freeview Play button and select RECORDINGS.
2. Select one from the recording category list and press the OK button. The recorded programmes will be listed in the right column.
3. Select a recording and press the OK button.
   You can play back the programme, delete it or record whole series if the programme is part of a series.

Recording on screen icons
Watching completed  Failed recording
Partly watched  New recording available
Recording in progress  Locked programme

Ways to record
Record via TV Guide
Press the GUIDE button a select a programme you want to record. Press the RECORD button and a prompt will ask to record once or the series.

Record via Live TV
Press the OK button whilst viewing live TV to bring up the mini programme information and then press RECORD. A prompt will ask you to record once or the series.

Scheduling Recordings
You can schedule recordings or reminders manually.
1. Press the Freeview Play button, navigate to RECORDINGS and then SCHEDULE.
2. Select ADD A SCHEDULE.
3. Set a schedule manually.
4. Select OK and press OK to confirm.

Editing Recordings or Schedules
Navigate to RECORDINGS and SCHEDULE then press the PLUS button.
Select DELETE or RESCHEDULE. Select OK and press OK to confirm.

Tips:
- Recording Conflicts - When you attempt to schedule many programmes at the same time, the guide will suggest alternative recording times to avoid clashes.
Media via Home Network
Set up and access your own content via your home network

Playing files from Home Network Devices

Your HUMAX product is a home network device capable of sharing media files with other home network devices such as the PC, NAS or another HUMAX PVR when they are connected to the same home network.

You can play the video, music or photo files saved in your home network devices on your product when the home network device is connected to the same home network.

Connecting to Home Network

1. Press the Freeview Play button.
2. Navigate to SETTINGS and press OK.
4. Set the options for the LAN or Wireless LAN.

Playing Files from Home Network Devices

1. Select a home network device.
2. Select VIDEO, MUSIC or PHOTO.
3. Select files you want to play.

Tips:
- Refer to the instructions of your operating system for setting up home network server.

Playing files from SAMBA server:

1. Select a SAMBA server.
2. Enter the ID and Password of the PC to access to the shared folders.
3. Play the files from the SAMBA server on your TV.

- The list of supported home network media servers will appear automatically.

- Home network media server software such as Window Media Player 12 must be installed and executed on the PC to share media files stored in the PC. The media files must be stored in the library folder of the PC.

Playing content:

Use the playback control buttons to control your recorded programmes.

Tips:
- Refer to the instructions of your operating system for setting up home network server.
Media via USB/Hard Drive
Playback content via USB/Hard Drive

Use the button and navigate to MEDIA to access this screen.

Playing files from Storage Device

You can play files from the storage devices such as internal or external HDD and USB storage devices.
1. Select a storage device.
2. Select VIDEO, MUSIC or PHOTO.
3. Select files you want to play.

Note:
• Use USB storage devices formatted by ext3, FAT or NTFS only.
• Do not disconnect the USB storage device during playback, the files or the USB storage device may be damaged.
• It is recommended to use the USB storage devices requiring external power supply.
• If the USB storage device is connected in standby mode, it will automatically be recognized when the product is turned on.
• HUMAX cannot guarantee compatibility with all USB storage devices and assumes no responsibility for any loss of data.

Accessing your media:
1. Select VIDEO, PHOTO or MUSIC.
2. Select a storage or network server.
   The recently played files appear.

Note:
• You cannot play the recently played files from the external storage which is already disconnected.
• Some playback control buttons may not function depending on the contents.
• HUMAX is not responsible for any data loss or file damage.

Note: Certain files may not play depending on file formats or video and audio codec.

Editing files

You can delete, copy, move files and change storage configurations.

+ Select a file and press the PLUS button for on-screen options.

Tips:
• When you copy or move a file to an external storage device, the file is copied to its root folder.
• Files may not be copied or moved if the storage is full or the file size is too large.
Media Playback
Here’s how to play and control your own content

Playing your content
You can play video, music, photo files from the connected storage, home network devices or the internal hard drive.

Steps:
- Press the Freeview Play button and navigate to MEDIA.
- Press OK to make selections.

Supported file formats
Video: MP4, VOD, AVI, ASF, MKV, MPEG-2TS
Photo: JPEG, PNG, BMP, GIF
Music: MP3

Using the media controls:
Use the playback control buttons to control your content.

Video content
- REWIND
- FORWARD
- STOP

Playback options
Press the PLUS button for repeat, normal or shuffle.

Music content
- PREVIOUS
- STOP
- SKIP
- PLAY/PAUSE

Photo content
- PREVIOUS
- STOP
- NEXT
- PLAY/PAUSE

Playback options
Press the PLUS button for slideshow speed and music.

Use the navigation keys to scroll listings one at a time. Confirm selections by pressing OK.

Displaying subtitles
Press the SUBTITLES button and press OK whilst the play-bar is on screen to enable/disable subtitles.

Tips:
- Subtitle files may not be available for some video files. (Compatible files only.)
- You can play music whilst watching a photo slideshow by setting Play Music to ON.
Humax Live TV App

View live TV and your recordings via the Humax Live TV App

How to get started

1. Download the app

   The FREE Humax Live TV App is available on both Android & iOS.

   On the App Store search for: **HUMAX Live TV**

   Once installed, click to open the app.

2. Register to myhumax

   To ensure access to all the features provided, we recommend you register to myhumax.

   Follow the registration process within the app:
   **Open App > Settings/Help > MyProfile > Register**
   or online at: [https://www.myhumax.net](https://www.myhumax.net)

3. Pair with your recorder

   On your recorder:
   Navigate to:
   **SETTINGS > Advanced Settings > Server Management and make sure the Network Server is set to On.**

   On the app:
   1. Tap on the LIVE TV tab and press CONNECT.
   2. Select the recorder to pair with your smart device.
   3. The app will ask for a registration code.
      To retrieve a registration code, on your recorder go to:
      **HOME > SETTINGS > Advanced Settings > Recorder Registration > Retrieve Registration Code**

   **Note:**
   • Pay TV channels may be limited.
   • Live TV App performance relies on the recorder’s built-in tuner and aerial signal.
   • If no HUMAX product is detected, please check your wireless network settings.
   • The Humax Live TV App is subject to changes without notice.

   **Tips:**
   • Disable power saving mode to remotely access functionality from the recorder while it’s in stand by.
   • Your recorder and smart device should be connected to the same local network.

Accessing Live TV

Watch live TV, play back recordings, schedule recordings or reminders and more from HUMAX Live TV App.
You can stream live TV directly to your mobile devices.

**Watching live TV content on your smart device**
You can bring a live programme from your TV to your mobile device.
1. Tap anywhere while watching to display the icons on the screen.
2. Tap the icon to bring the programme from your TV to your mobile device.

**Sending live TV programmes to watch on your recorder**
You can send your watching programme on your mobile device to your TV.
1. Tap anywhere while watching to display the icons on the screen.
2. Tap the icon and select your HUMAX product. The programme plays on your TV.
Accessing the mobile TV Guide

From the home screen, tap TV GUIDE.

Explore a full TV Guide on your mobile and select programmes to watch live whilst paired with your recorder.

Set reminders or recordings from the TV Guide.

Tap a programme to bring up additional options.

Accessing your recordings

From the home screen, tap RECORDINGS.

View recordings that are available on your recorder.

(Some recordings may be subject to copyright/playback law.)

Schedule a remote reminder/recording

You can schedule recordings or reminders on your HUMAX product remotely using your mobile device.

1. Tap GUIDE to go to TV Guide.
2. Select a programme.
3. Tap Record this programme or Set reminder.

Accessing your schedules

From the home screen, tap SCHEDULES.

Tap a programme for additional options.

You can schedule recordings for whole series if the programme is part of a series.

Tips:

• Some features are not available outside of the home network.
• HUMAX Applications require at least Android 4.0 or later, and iOS 8 or later.
Use the button and navigate to SETTINGS to access this screen.

**Parental Control**
- Guidance Policy: You can set parental guidance on recordings or internet content during the watershed period between 21:00-05:30 for adult content.
- Change Password: Enter a new password.
- Block Channel Settings: Set On if you want to block access to the Channel Settings you have previously made.

Note:
- Enter the password to view the blocked programmes.
- The default password is 0000. If you have forgotten your password, please contact your local distributor.

**Language Setting**
You can set the preferred language for audio and subtitles. (If applicable)

**Video Setting**
You can set the screen ratio, display format and screen resolution.

**Audio Setting**
- S/PDIF: You can select the digital audio signal output.
- HDMI: You can select the digital audio signal for HDMI output.
- Audio Description: You can set to narrate the on-screen visuals which is used for visually impaired viewers.
- Lip-Sync Delay: You can adjust the sound difference between audio and video.

Note: Not all channels will provide audio description. For further information, contact the broadcaster.

**On-screen Display**
- Info Display Time: You can set the duration the Simple Guide is displayed whenever you change the channel.
- Subtitle Display: You can set to display the subtitle automatically or not.
- Hard of Hearing: You can set to show the closed captions.
- Subtitle Font: You can set the subtitle font.

**Privacy Policy, Terms & Conditions**
You can agree or disagree to send HUMAX your watching information.
You watching information will be helpful for HUMAX to improve products, software and services.
Network Settings
Optimise your internet connection for the best performance

Configuring LAN
1. Select Configure LAN for wired connection.
2. Select your IP configuration type between DHCP and Manual.
   - DHCP: If you use a router or modem that has a DHCP (Dynamic Host Configuration Protocol) server function, select DHCP. The IP address will be automatically assigned.
   - Manual: If there is no DHCP server on the network and you want to set the IP address manually, select Manual. Enter the values for IP Address, Netmask, Gateway Address and DNS Address.
3. Select APPLY to connect to the selected network and press the OK button.

Note:
- When entering the IP address manually, enter 3 digits in a row.
- The network is connected by wired LAN when both wireless and wired LAN are activated.
- HUMAX recommends the network connection over a wired LAN.

Configuring Wireless LAN
1. Select Configure WLAN for wireless connection.
2. Select the wireless LAN network and press the OK button.
3. Press the BACK button to save.

Note: If you choose a locked wireless network, you need to enter the password to proceed. The network password is case-sensitive and cannot contain spaces.

Network Connection Status
You can view the connection status of the local area network or the Internet. Select RETRY if either network is disconnected.
PVR Settings
Set recordings outside of the home and optimise storage

Recording Options
• Start Padding Time / End Padding Time: You can set the recording padding time to add extra recording time to the start and end of all your scheduled recordings.
  Note: The start and end times set will override the broadcast Accurate recording.
• Auto Delete: Set to On to add old recordings to the list TO BE DELETED.

Playback Options
• Series Play: Set to On to play back all episodes of a programme successively.
• Instant Replay Time: Select the replay time.
• Skip Forward Time: Select the skip time.

Storage
You can check the capacity of each storage or format the storage when necessary.
• Internal HDD: Run the HDD test or format the storage.
• External Devices: To remove the storage, select Remove Storage Safely first.
  Note: All data in the storage will be deleted after formatting.

Use the button and navigate to SETTINGS to access this screen.
Channel Settings

Add channels manually and create favourites

Use the button and navigate to SETTINGS to access this screen.

Favourite Channels

Select the channels from the left column and press the PLUS button.

- Add to favourite
- Change Group
- Select / Deselect All

Select the channels from the right column and press the PLUS button.

- Remove
- Move
- Change Favourite
- Rename Favourite
- Select / Deselect All

Editing Channel List

You can delete, lock or rename channels in the channel list. Select a channel and press the PLUS button.

- Delete
- Lock/Unlock
- Rename
- Select/Deselect All

Change Group

To list the channels of another favourite group, press the PLUS button and select Change Favourite. Select the group and press the OK button.

Signal Test

You can check the signal strength and quality of the searched channels.

Manual Channel Search

You can search channels manually by searching parameters.

- Channel: Select the channel.
- Frequency: Enter the frequency. The corresponding frequency value will be automatically displayed.
- Transmission: Select DVB-T or DVB-T2.
- Bandwidth: Select the bandwidth.
- Network Search: Select On or Off.

Automatic Channel Search

You can search channels automatically without entering any other information as long as your aerial is connected. When the channel search is complete, select SAVE and press the OK button to save the results.

Note: Select STOP and press the OK button to stop the channel search. The searched channels will remain.
Advanced Settings
Server, file sharing, recorder registration and remote record

Use the button and navigate to SETTINGS to access this screen.

**Server Management**
- Network Server: Set to On to share the live broadcast, recordings and media files saved in the internal HDD with other products that support Home Network-Digital Media Player.
- Rename Server: Enter a new name to change the server name.
- Server Status: You can see the information on network servers.
- Server Activation Time: You can turn on the server during the time even when the product is in standby mode.

**Recorder Registration**
You can set up recordings on your product from your PC or mobile devices. To use this feature, you need to register your product in the website.

1. Go to https://www.myhumax.net and create an account and register your product.
2. To register your product, you need a registration code for certification. Select Retrieve Registration Code and press the OK button.
3. Enter the registration code in the website.

**File Share**
- SAMBA Server: When SAMBA Server is set to On, the internal HDD can be accessed as a network disk drive from your PC. You can copy the video, music, photo files in the internal HDD to the PC storage.
- FTP Server: When FTP Server is set to On, you can copy the video, music, photo files in the internal HDD to the PC storage using the FTP client programme.
- Password: If Password is set, you can access the internal HDD only by entering the password.
- Download Folder: When Download Folder is set to Enable, you can copy the video, music, photo files in the PC to the download folder in the internal HDD.

**Remote Recording**
- Remote Recording: Set to On to use the remote recording feature.
- Update Period: Set the period to receive the recording schedule from the HUMAX server.
- Update Interval: Set the update interval.
System Settings
Search for system software updates and more

Use the button and navigate to SETTINGS to access this screen.

System Information
You can view the system information. Select CHECK NEW SOFTWARE to see if new software is available.

Power Timer
You can set the time the product powers on or powers off.

Power Management
- Automatic Power Down: Select On to enter standby mode automatically if no user interaction occurs for 3 hours.
- Power Saving Mode: Select On to reduce the power consumption in standby to below 0.5W. If set to Off, the product will continue to transmit a signal even in standby (required if the H3* smart streamer is connected).

Note:
- A message will display 2 minutes before the product enters standby mode. If you ignore this message, the product enters standby mode automatically.
- When set to On the product will not supply the loop through aerial signal to any connected device.

*H3 sold seperately.

HDMI-CEC
You can set your TV to turn on or off automatically alongside the recorder.

Factory Reset
You can restore your HUMAX recorder to its factory default settings with this option.

WARNING: This will delete any preferences, recordings and settings which can not be undone.

Shortly after you complete the factory reset, the On-screen setup will appear automatically.

See the next page for a full walk through.
On-screen setup
A step-by-step guide to get your box up and running

1. Preferred Language
Select your preferred language.
Press OK to continue.

2. Channel Search
This is where your aerial will automatically pick up any available channels. Select NEXT and press OK to start searching.
Save the found channels once the search is complete.
Note: You can also search channels manually. See Channel Settings on page **

3. Network Connection
Make sure your Ethernet cable is connected to your box and router.
The internet connection should be made automatically once you select NEXT and press OK.
If you’re using Wi-Fi, select NEXT and press OK to continue and follow the on-screen instructions.

Tips:
• The installation wizard operates automatically when you power on the product for the first time or complete a factory reset from the settings menu.
4. Privacy Policy, Terms & Conditions
Please read through the privacy policy and terms & conditions to use HUMAX services.

Don't forget, we will always treat all your personal information as private and confidential.

Agreeing will help us improve our products, software and services in the future.

Select NEXT and press OK to continue.

5. Power Saving Mode
Setting power saving mode to On will consume less power in standby mode (0.5W) but increase system start times.

If you use loop-through or will use other devices to interact with the recorder in standby mode, please set this feature to Off now.

You can choose to enable/disable this feature at any time within the settings.

Select NEXT and press OK to continue.

6. Setup Complete
Congratulations. You should see a summary of how many channels your box has picked up within your area.

The on-screen setup is now complete. Select next to go to the home screen.

You can now select channels, browse the TV guide, view on-demand and more.

Select FINISH and press OK.

Tips:
• If you exit the installation wizard without fully completing the channel searching procedure, you may not have all of the channels available. To add additional channels, on your recorder go to: Freeview Play Home>SETTINGS>Channel Settings>Search Channels
## Specification

<table>
<thead>
<tr>
<th>Tuner &amp; Demodulator</th>
<th>Hard Disk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Tuners</strong></td>
<td><strong>HDD</strong></td>
</tr>
<tr>
<td>3 Tuners</td>
<td>500GB/1TB/2TB</td>
</tr>
<tr>
<td><strong>RF Input Connector</strong></td>
<td><strong>Power Supply</strong></td>
</tr>
<tr>
<td>IEC 169-2, female</td>
<td>Input Voltage: 200V - 240V ~ 50/60Hz 0.8A</td>
</tr>
<tr>
<td><strong>RF Loop through Connector</strong></td>
<td>Type: Adaptor</td>
</tr>
<tr>
<td>IEC 169-2, male</td>
<td><strong>Power Consumption</strong></td>
</tr>
<tr>
<td><strong>Input Frequency Range</strong></td>
<td>12V ⇒ 2.5A (Standby under 0.5W)</td>
</tr>
<tr>
<td>470MHz ~ 862 MHz</td>
<td><strong>Protection</strong></td>
</tr>
<tr>
<td><strong>Modulation</strong></td>
<td>Separate internal fuse. The input should be protected against lightning.</td>
</tr>
<tr>
<td>OFDM</td>
<td><strong>Physical Specification</strong></td>
</tr>
<tr>
<td><strong>Mode</strong></td>
<td><strong>Size (w/h/d)</strong>: 280 x 48 x 200 (mm)</td>
</tr>
<tr>
<td>DVB T: 2K, 8K</td>
<td><strong>Weight</strong>: 1.03 kg</td>
</tr>
<tr>
<td>DVB T2: 1K, 2K, 4K, 8K, 16K, 32K</td>
<td>Note: The specification is subject to change without notice.</td>
</tr>
<tr>
<td><strong>FEC Mode</strong></td>
<td></td>
</tr>
<tr>
<td>DVB T: 1/2, 2/3, 3/4, 5/6, 7/8</td>
<td></td>
</tr>
<tr>
<td>DVB T2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6</td>
<td></td>
</tr>
<tr>
<td><strong>Guard Interval</strong></td>
<td></td>
</tr>
<tr>
<td>DVB T: 1/4, 1/8, 1/16, 1/32</td>
<td></td>
</tr>
<tr>
<td>DVB T2: 1/4, 1/8, 1/16, 1/32, 1/128, 19/128, 19/256</td>
<td></td>
</tr>
<tr>
<td><strong>Constellation</strong></td>
<td></td>
</tr>
<tr>
<td>DVB T: QPSK, 16-QAM, 64-QAM</td>
<td></td>
</tr>
<tr>
<td>DVB T2: QPSK, 16-QAM, 64-QAM, 256-QAM</td>
<td></td>
</tr>
<tr>
<td><strong>Audio/Video Decoding</strong></td>
<td><strong>Audio/Video In/Out</strong></td>
</tr>
<tr>
<td><strong>Audio Decoding</strong></td>
<td><strong>Video</strong></td>
</tr>
<tr>
<td>MPEG/MusiCam Layer I &amp; II</td>
<td>RCA, HDMI/HDCP</td>
</tr>
<tr>
<td><strong>Audio Mode</strong></td>
<td><strong>Audio</strong></td>
</tr>
<tr>
<td>Single channel/Dual channel/Joint stereo/Stereo</td>
<td>Audio L/R, S/PDIF</td>
</tr>
<tr>
<td><strong>Video Decoding</strong></td>
<td><strong>Data In/Out</strong></td>
</tr>
<tr>
<td>MPEG-2 ISO/IEC 13818 Transport Stream Specification</td>
<td><strong>USB</strong></td>
</tr>
<tr>
<td><strong>Video Format</strong></td>
<td>USB 2.0 Host (5 V ⇒ 0.5A) x 2EA</td>
</tr>
<tr>
<td>4:3, 16:9</td>
<td><strong>File Format</strong></td>
</tr>
<tr>
<td><strong>Video Resolution</strong></td>
<td>JPEG, MP3</td>
</tr>
<tr>
<td>1080p, 1080i, 720p, 576p, 576i</td>
<td></td>
</tr>
</tbody>
</table>

### Memory

- **Flash Memory**: 512MB
- **RAM**: DDR3 1GB

### Audio/Video In/Out

- **Video**: RCA, HDMI/HDCP
- **Audio**: Audio L/R, S/PDIF

### Data In/Out

- **USB**: USB 2.0 Host (5 V ⇒ 0.5A) x 2EA
- **File Format**: JPEG, MP3
Glossary

CVBS (Composite Video Baseband Signal)
A technology for transmitting video signals via a cable. Mixes luminance (brightness) and the chrominance (colour) signals together.

Dolby Digital
An encoding system that digitally compresses up to 5.1 discrete channels of audio (left front, centre, right front, left surround, right surround) into a single Bit-stream. A low frequency effect (LFE) channel is included providing the sound needed for special effects.

DVB (Digital Video Broadcasting)
A set of standards that define digital broadcasts using satellite, cable or terrestrial systems.

EPG (Electronic Program Guide)
An electronic equivalent to a printed television listings magazine. It is an application used with digital set-top boxes and digital television sets to list current and scheduled programs that are or will be available on each channel, including a short summary or commentary for each Program. The information supplied in the EPG is sent and updated by the channel broadcaster.

Frequency
The property of a signal measured in cycles per second (=Hz).

FTA (Free-To-Air)
An unscrambled broadcaster allowing customers to view channels or services without paying any subscription.

HDD (Hard Disk Drive)
The primary computer storage medium, which is made of one or more aluminium or glass platters, coated with a ferromagnetic material.

HDMI (High-Definition Multimedia Interface)
An all-digital audio/video interface that supports standard, enhanced, or high-definition video, plus multi-channel digital audio on a single cable. It transmits all ATSC HDTV standards and supports 8-channel digital audio.

OTA (Over the Air)
A standard for the transmission of software for equipment, through a broadcast system. Manufacturers reserve the right for deciding the release of the software for their products.

PVR (Personal Video Recorder)
A video recorder that can record and playback programmes directly using the built-in Hard Disc Drive.

RGB (Red – Green – Blue)
A technology for transmitting video signals via a cable. RGB is a system to represent red, green, and blue colours on a TV or monitor display. Red, green, and blue can be combined in various proportions to obtain any colour.

S/PDIF (Sony/Philips Digital Interface format)
A standard format for the transfer of digital audio signals. It allows the transfer of digital audio between two devices without any conversion to and from analogue, which could degrade the signal quality.

S-Video (Super-Video)
Sometimes referred to as Y/C video; a technology for transmitting video signals via a cable. It is a video signal transmission in which the luminance (brightness) and the chrominance (colour) signals are transmitted separately to achieve superior picture clarity.

TSR (Time Shifted Recording)
A function that records the present program temporarily to support trick-play.

UHF (Ultra High Frequency)
Channels 14-51 - Designation for radio frequencies in the range between 30 megahertz (MHz) and 300 (MHz)

VHF (Very High Frequency)
Channels 2-13 - Designation for radio frequencies in the range between 300 megahertz (MHz) and 3 gigahertz (GHz)
# Troubleshooting

Take a look at solutions to commonly known problems

Before contacting the customer service centre, make sure to read the tips below carefully. If the problem persists after you complete the following procedure, please contact customer services on: **0344 318 8800** (Mon-Fri 9am-5pm).

## General

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>What to Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>No red or blue LED on the front panel of the product</td>
<td>Mains adaptor unplugged. Mains socket switched off.</td>
<td>• Check the main power cable and make sure it is plugged into a suitable power outlet. • Connect the power cable to a different power outlet.</td>
</tr>
<tr>
<td>No picture (Nothing shows on the TV)</td>
<td>HDMI cable not securely connected. TV Set not on correct Input / Source</td>
<td>• Make sure that the product is powered on and in operation mode. • Make sure that the AV or HDMI cable is firmly connected to the TV. • Check if the channel is currently on air. • Check that you TV is on the correct input / source for the HDMI / AV connection (refer to your TV manual for more details on how to change the input / source. • Check the brightness of the TV.</td>
</tr>
<tr>
<td>No picture (No channels)</td>
<td>Aerial is disconnected. Aerial is damaged/misaligned. Out of digital signal area. Aerial not positioned correctly.</td>
<td>• Make sure that the product is powered on and in operation mode. Press the STANDBY button. • Make sure that the AV or HDMI cable is firmly connected to the TV and the product. • Make sure that the aerial cable is properly connected to the product. • Press the Input or Source button on the TV remote and select AV or HDMI mode depending on how your product is connected to the TV. • Search channels again. Go to Freeview Play &gt; SETTINGS &gt; Channel Settings &gt; Automatic Channel Search. • Check if the channel is currently on air.</td>
</tr>
<tr>
<td>Poor Picture Sound quality</td>
<td>Electro magnetics from electronic devices around the product can cause the issue. Poor/faulty HDMI cable</td>
<td>• Make sure there is no mobile phone or microwave oven near the product. • Keep the power and the RF cables apart from each other. • Adjust the antenna direction to get a better picture. Note: If the antenna is covered with snow, the RF is weakened by heavy rain, or the aerial position is changed by strong wind, the condition of the sound and picture may temporarily be poor. However, the poor sound and picture quality due to weather conditions cannot be accepted as a malfunction of product.</td>
</tr>
<tr>
<td>Problem</td>
<td>Possible Cause</td>
<td>What to Do</td>
</tr>
<tr>
<td>---------</td>
<td>---------------</td>
<td>------------</td>
</tr>
<tr>
<td>No sound</td>
<td>AV/HDMI cables are not connected properly or faulty. Volume is set to minimum or mute.</td>
<td>• Check that your AV or HDMI cable is connected correctly. • Check the volume levels of your TV and the product. • Check if the product or TV is on mute. • Check audio type or soundtrack option. (where applicable)</td>
</tr>
<tr>
<td>No volume control on HD channels</td>
<td>Check the HDMI Audio setting</td>
<td>• Go to Freeview Play &gt; SETTINGS &gt; General Settings &gt; Audio Setting - change the HDMI audio setting to Stereo.</td>
</tr>
<tr>
<td>No response to remote control</td>
<td>Low batteries</td>
<td>• Remove and reinsert the batteries in the remote control. • Replace the batteries in the remote control for a new set.</td>
</tr>
<tr>
<td>No password information</td>
<td>Aerial is disconnected. Aerial is damaged/misaligned. Out of digital signal area. Aerial is not positioned correctly.</td>
<td>• Make sure that the aerial cable is properly connected to the product. • [Terrestrial] Use the appropriate aerial capable of receiving VHF or UHF channels for your area.</td>
</tr>
<tr>
<td>Channel search does not work</td>
<td>Network is not set up.</td>
<td>• Check if the network is configured properly. You can check the network connection status by going to Freeview Play &gt; SETTINGS &gt; Networks Settings &gt; Network Connection Status. Note: If your product stays connected to the network, every-time you turn off the product it will search for any updates available on air. • To manually search for any updates available, go to Freeview Play &gt; SETTINGS &gt; System Settings &gt; System Information and then select CHECK NEW SOFTWARE. • To update the software via USB, 1. Download the latest software version and save it to an empty USB memory stick. 2. Please make sure the software is saved in the root of the USB stick. 3. Insert the USB memory stick into a rear USB port of the product. 4. Go to Freeview Play &gt; Settings &gt; System Settings &gt; System Information and press the OK button on Check New Software. 5. When the download progress stops it may take up to 5 minutes for it to restart so ‘DO NOT TURN OFF the product’ 6. To confirm successful update, please go to Freeview Play &gt; Settings &gt; System Settings &gt; System Information and check Software Version.</td>
</tr>
<tr>
<td>Cannot update the new software</td>
<td>Automatic Power Down Option On Timer is set</td>
<td>• Go to Freeview Play &gt; SETTINGS &gt; System Settings &gt; Power Management and then check if Automatic Power Down is set to On. • Go to Freeview Play &gt; SETTINGS &gt; System Settings &gt; Power Timer and then check if Power Off Timer is set to On.</td>
</tr>
</tbody>
</table>

Cautions: Electromagnetic interferences from other electronic devices or cables may cause malfunction to the HUMAX product.
### Recordings

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>What to Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cannot schedule recordings or reminders</td>
<td>Conflict of recordings</td>
<td>• Check that there is a previous schedule conflicting with a new schedule. Cancel one of the schedules. • This product has 3 tuners. This allows you to record up to 4 different channels and watch another program. There may be limitations on the 4th channel you can record or the live TV channel you try to view depending on the channels you are recording.</td>
</tr>
<tr>
<td>Cannot record programmes</td>
<td>Full HDD Conflict of recordings</td>
<td>• The hard disk is full. Delete unnecessary programmes and make space for new recording. • Check if recording conflicts with another channel. Stop the current recording or wait until the recording is finished. • Check that the product is switched on when recording starts. • If you are missing first or end bits of the program, set the padding time. Go to Freeview Play &gt; SETTINGS &gt; PVR Settings &gt; Recording options and set the padding times. • Check if your product recognizes problems with the HDD. Go to Freeview Play &gt; SETTINGS &gt; PVR Settings &gt; Storage, select the storage, and run the HDD test.</td>
</tr>
<tr>
<td>Cannot change channels while recording.</td>
<td>Conflict of recordings</td>
<td>• This product has 3 tuners. This allows you to record up to 4 different channels and view a 5th Live TV channel. The 4th channel recording and the 5th you are trying to view maybe limited to channels being in the same broadcast groups as the first 3 programmes you have set to record.</td>
</tr>
<tr>
<td>How to set the padding time</td>
<td></td>
<td>• If you are missing first or end bits of the programme, set the padding time. Go to Freeview Play &gt; SETTNGS &gt; PVR Settings &gt; Recording Options and set the padding times.</td>
</tr>
<tr>
<td>How enter passive mode</td>
<td></td>
<td>• Go to Freeview Play &gt; SETTNGS &gt; System Settings &gt; Power Management and set Power Saving in Standby to On.</td>
</tr>
</tbody>
</table>

### Playback

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>What to Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>How to edit recorded programmes</td>
<td></td>
<td>• Go to Freeview Play &gt; RECORDINGS and select a file. Press the PLUS button (+) and delete. If you want to delete more than 1 programme, press the PLUS button (+) and select Select. You can mark files and then delete, copy or move the multiple files.</td>
</tr>
<tr>
<td>How to edit media files?</td>
<td></td>
<td>• Go to Freeview Play &gt; MEDIA and select Internal HDD. Select a file and press the PLUS button (+). You can delete, copy or move the file.</td>
</tr>
<tr>
<td>Does not recognize larger external HDDs.</td>
<td>HDD capacity is too large.</td>
<td>• HUMAX recommends to use external HDDs up to 1TB. • If the external HDD is making a ticking sound or not being recognized, this may indicate that the electricity is not sufficient. Please connect the power cable of the external HDD or connect another USB cable to the product.</td>
</tr>
<tr>
<td>How to read files from external HDD</td>
<td></td>
<td>• Go to Freeview Play &gt; MEDIA and select an external HDD. Select a file and press the OK button. • Some files may not be played depending on the file format.</td>
</tr>
<tr>
<td>How to delete root folder?</td>
<td></td>
<td>• You cannot delete the root folder that is to store the downloaded files.</td>
</tr>
</tbody>
</table>
### Network

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>What to Do</th>
</tr>
</thead>
</table>
| Cannot connect to the Internet | Too far from the wireless router  
Walls or obstacles between the product and the router cause interference.  
Faulty Ethernet cable  
Wrong password | - Check if the network is connected properly. Go to Freeview Play > SETTINGS > Network Settings and select Network Connection Status.  
- If wireless network is not available in your home, use an Ethernet cable to connect the product and the router.  
- Turn off the product and the router and then on to refresh the network.  
- Move the product closer to the wireless router or remove any obstacles from between them.  
- If you use an Ethernet cable, change the Ethernet cable for another.  
- Check if other network devices in the same network are connecting to the Internet okay.  
- Check the network password.  
Note: The home network environment may cause the internet speed slow down. |
| On Demand does not work.      |                                                                                | - Check if the network is connected properly. Go to Freeview Play > SETTINGS > Network Settings and select Network Connection Status. If not connected, refer to the troubleshooting guide for the network.  
Note:  
- Network traffic may cause temporary loss of network connectivity.  
- Poor network connection may cause on demand to run slowly. |

### Media

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>What to Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cannot play YouTube video.</td>
<td>Some YouTube videos are played on PC only.</td>
<td>- Play another video to view.</td>
</tr>
</tbody>
</table>
| Network server does not work.  | HUMAX product is not connected to the network or the network is not configured.  
Home network devices are not connected to the network or the network is not configured.  
PC/Router settings are not correct. | - Go to Freeview Play > SETTINGS > Advanced Settings > Server Management and check if Network Server is set to On. When the network server option is set to on, files stored in the internal HDD can be shared with other Home Network compliant devices in the same network.  
- Make sure that the options to share media files are enabled on your PC.  
- Check if any firewall settings on your PC or router blocks Home Network compatibility. |
| File share(SAMBA/FTP) does not work | Network connection error  
File sharing options                                                          | - Check if the network is connected properly. Go to Freeview Play > SETTINGS > Networks Settings and select Network Connection Status.  
- Make sure that your product and PCs are in the same network.  
- Make sure that the SAMBA server is activated. Go to Freeview Play > SETTINGS > Advanced Settings > File Share and set SAMBA Server to On.  
- Make sure that the FTP server is activated. Go to Freeview Play > SETTINGS > Advanced Settings > File Share and set FTP Server to On.  
- Check if the password is correct. Go to Freeview Play > SETTINGS > Advanced Settings > File Share and set a new password. |

### Others

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>What to Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can I use a HUMAX product from other countries in UK?</td>
<td>Each country has their own broadcasting system. HUMAX product is made it possible for regional broadcasting environment.</td>
<td>- HUMAX products from other countries are not available in UK. Customer services may be limited.</td>
</tr>
</tbody>
</table>
Set the universal remote control by entering 3 digit code

1. Press the TV STANDBY and OK buttons at the same time for 3 seconds. The TV STANDBY button will light on.
2. Direct the remote control to your TV and enter the 3-digit code. The button will blink when each digit is entered and it will blink twice after the last digit is entered.
3. Once your TV turns off press the OK button to lock the code. Your TV will turn off when matched with the code.
4. The TV STANDBY button will blink three times if the universal remote control setting is successful.

Note:
- When no code is entered for 20 seconds, the universal setting mode will switch to normal mode.
- Try several setting codes and select the code that has the most functions.

Set the universal remote control to search mode

1. Press the TV STANDBY and OK buttons at the same time for 3 seconds. The TV STANDBY button will light on.
2. Direct the remote control to your TV and press the CH ^/v button to search the brand code of the TV.
3. Once your TV turns off press the OK button to lock the code. Your TV will turn off when matched with the code.
4. The TV STANDBY button will blink three times if the universal remote control setting is successful.

Note: If the code setting process is not completed, the previously set code remains as default.

<table>
<thead>
<tr>
<th>Brand</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acer</td>
<td>261, 278, 305</td>
</tr>
<tr>
<td>Acoustic Solutions</td>
<td>210, 312, 324, 370, 386, 428, 477</td>
</tr>
<tr>
<td>Akai</td>
<td>102, 006, 098, 144, 145, 111, 061, 043, 074, 148, 212, 280, 128, 122, 461, 109, 462, 489, 094, 084, 083, 065, 035, 034, 033, 028, 023, 011, 004, 002, 154, 321</td>
</tr>
<tr>
<td>Alba</td>
<td>006, 144, 134, 204, 087, 064, 036, 005, 108, 473, 455, 447, 388, 099, 084, 077, 072, 065, 059, 034, 023, 002</td>
</tr>
<tr>
<td>Bang &amp; Olufsen</td>
<td>014</td>
</tr>
<tr>
<td>Beko</td>
<td>006, 144, 086, 145, 111, 064, 072, 172, 361, 405</td>
</tr>
<tr>
<td>BenQ</td>
<td>223, 328, 329</td>
</tr>
<tr>
<td>Black Diamond</td>
<td>444, 204, 211</td>
</tr>
<tr>
<td>Brionvega</td>
<td>006, 014, 062</td>
</tr>
<tr>
<td>Company</td>
<td>Code Range</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Logik</td>
<td>204, 001, 003, 029, 162, 195, 224, 292, 376, 464, 465, 466</td>
</tr>
<tr>
<td>Logik</td>
<td>134, 095</td>
</tr>
<tr>
<td>Luxor</td>
<td>098, 204, 061, 023, 033, 035, 047, 055, 056, 060, 083, 084, 122, 211</td>
</tr>
<tr>
<td>Manhattan</td>
<td>006, 134, 204, 164, 192, 237, 293</td>
</tr>
<tr>
<td>Marantz</td>
<td>102, 006, 071, 140, 277, 317</td>
</tr>
<tr>
<td>Marks and Spencer</td>
<td>420</td>
</tr>
<tr>
<td>Matsui</td>
<td>102, 006, 144, 030, 204, 087, 005, 080, 074, 153, 195, 097, 094, 369, 445, 077, 447, 065, 059, 056, 052, 044, 035, 033, 028, 011, 008, 004, 003, 002</td>
</tr>
<tr>
<td>Mitsubishi</td>
<td>102, 006, 204, 005, 019, 014, 015, 027, 093, 096, 191, 311</td>
</tr>
<tr>
<td>Mivar</td>
<td>034, 035, 047, 048, 094, 112</td>
</tr>
<tr>
<td>NEC</td>
<td>005, 002, 003, 025, 035, 040, 049, 066, 140, 239, 379</td>
</tr>
<tr>
<td>Nintendo</td>
<td>098, 113, 111, 061, 023, 033, 049, 053, 055, 056, 066, 083, 084, 089, 122</td>
</tr>
<tr>
<td>Nordmende</td>
<td>006, 144, 103, 030, 020, 046, 054, 242, 280, 499</td>
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<tr>
<td>Onida</td>
<td>207, 226</td>
</tr>
<tr>
<td>Orion</td>
<td>102, 006, 144, 204, 467, 458, 457, 456, 448, 445, 443, 385, 218, 195, 131, 097, 094, 077, 071, 059, 050, 049, 003</td>
</tr>
<tr>
<td>Orined</td>
<td>006, 036</td>
</tr>
<tr>
<td>Ormond</td>
<td>134, 204</td>
</tr>
<tr>
<td>Orsowe</td>
<td>094</td>
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<tr>
<td>Pacific</td>
<td>102, 144, 204, 208, 077, 256</td>
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<tr>
<td>Packard Bell</td>
<td>254, 293</td>
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<tr>
<td>Panasonic</td>
<td>006, 098, 061, 129, 038, 023, 063, 094, 187, 251, 294, 353, 359, 279, 306</td>
</tr>
<tr>
<td>Panavision</td>
<td>006, 070</td>
</tr>
<tr>
<td>Philco</td>
<td>006, 064, 014, 021, 072</td>
</tr>
<tr>
<td>Philips</td>
<td>102, 006, 061, 459, 435, 429, 395, 310, 302, 297, 247, 125, 110, 101, 073, 066, 054, 029, 014, 002</td>
</tr>
<tr>
<td>Phonola</td>
<td>102, 006, 014, 029, 034</td>
</tr>
<tr>
<td>Pioneer</td>
<td>006, 086, 061, 064, 020, 023, 024, 046, 073, 093, 136, 159, 233, 277, 286, 381</td>
</tr>
<tr>
<td>Pioneer</td>
<td>086, 064, 327</td>
</tr>
<tr>
<td>Radiomarelli</td>
<td>006, 014, 094</td>
</tr>
<tr>
<td>Relisys</td>
<td>190, 192, 193, 194, 220, 221, 271, 310, 333, 338, 341, 355, 390</td>
</tr>
<tr>
<td>Saba</td>
<td>120, 098, 144, 103, 061, 014, 020, 023, 046, 052, 054, 090, 094, 335</td>
</tr>
<tr>
<td>Sagem</td>
<td>113, 080, 182, 253, 337</td>
</tr>
<tr>
<td>Sanyo</td>
<td>204, 064, 005, 019, 442, 370, 363, 358, 357, 356, 222, 200, 150, 140, 097, 053, 048, 035, 034, 033, 025, 023, 017, 011, 008, 003, 002, 240</td>
</tr>
<tr>
<td>Schaub Lorenz</td>
<td>098, 144, 086, 111, 061, 056, 066, 215, 256, 267</td>
</tr>
<tr>
<td>Schneider</td>
<td>102, 006, 144, 134, 204, 061, 208, 036, 451, 450, 293, 128, 097, 095, 065, 056, 054, 042, 035, 023, 010</td>
</tr>
<tr>
<td>SEG</td>
<td>006, 134, 204, 087, 043, 036, 005, 285, 211, 210, 119, 062, 056, 035, 034, 002</td>
</tr>
</tbody>
</table>

If the code for your equipment is not listed see MDB1.3 for a complete list of supported codes from the following website:

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Meaning of Symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🚨⚠️</td>
<td>To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.</td>
</tr>
<tr>
<td>⚠️</td>
<td>This symbol indicates dangerous voltage inside the product that presents a risk of electric shock or personal injury.</td>
</tr>
<tr>
<td>⚠️</td>
<td>This symbol indicates important instructions accompanying the product.</td>
</tr>
</tbody>
</table>

Warnings, Cautions and Notes

Throughout the whole manual, pay special attention to the following headlines that indicate hazardous situations.

Warning:
Indicates a hazardous situation which could result in serious injury

Caution:
Indicates a situation which could damage the equipment or other apparatus

Note:
Indicates additional information to make the user aware of possible problems and information of any importance to help understand, use and maintain the installation.

Warranty

The warranty does not cover parts which may become defective due to misuse of the information contained in this manual.

1. The HUMAX Warranty is valid for a period of one year from the date of first purchase.
2. In the event that this product fails to function properly during the warranty period, the retailer or distributor will make this product capable of operating for the purpose of which it was designed, without charging for labour and parts.
3. This warranty will be honoured only if the Warranty Certificate has been duly completed by the purchaser and is presented to the retailer with the original invoice or receipt.
4. This warranty does not cover shipping or transportation charges from you to us.
5. The obligations of HUMAX are limited to the repair of defect parts. Costs and risks of transport to the retailer as well as removal and installation of the product, and any other costs directly or indirectly related to its repair, are not covered by the warranty.
6. All warranty repairs performed by non-authorized repair shops will not be reimbursed and if such repairs damage this product such damage will not be covered by this warranty.
7. This warranty is not applicable in cases other than defects in materials or workmanship and, in particular, does not cover:
   a. Periodic check-ups, adjustments, maintenance or conversions as well as replacement of parts due to normal wear and tear;
   b. Damage caused by accidents, negligence, modifications, use of non-HUMAX parts, improper use, installation or package;
   c. Damage caused by lightning, water, fire, acts of war, public disturbances, incorrect mains voltages, incorrect ventilation or any other cause beyond the control of HUMAX.
   d. Products where the label bearing the serial number has been removed, defaced or is illegible.
8. This warranty is offered to any person who has legally obtained possession of this product within the warranty period.
9. HUMAX’s maximum liability shall not exceed the actual purchase price paid by you for the product. In no event shall HUMAX be liable for special, incidental, consequential or indirect damages.
Trademarks

- Manufactured under license from Dolby Laboratories. Dolby, Dolby audio and the double-D symbol are trademarks of Dolby Laboratories.
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Note: The model name is located on the bottom of this product.

Simplified EU Declaration of Conformity

The simplified EU declaration of conformity referred to in Article 10(9) shall be provided as follows:
Hereby, HUMAX declares that the radio equipment type [FVP-5000T] is in compliance with Directive 2014/53/EU and relevant directives.

The full text of the EU declaration of conformity is available at the following internet address:

- United Kingdom: http://www.humaxdigital.com/uk/ec.php
- Germany: http://de.humaxdigital.com/ec

Wireless equipment use information

1. In France
   Authorization for outdoor usage is limited to Channels 1~7 (2.400 ~ 2.454 GHz).
2. In Italy
   For outdoor usage a general authorization is required from the national spectrum authorities.
3. In Latvia
   For outdoor usage an authorization is required from the Electronic Communications Office.
4. 5GHz Radio Local Area Networks (RLANs) Band only indoor use.
5. This equipment may be operated in all European Union member countries and Turkey.

Radio Frequency Specification

<table>
<thead>
<tr>
<th>Frequency mode (band)</th>
<th>Wi-Fi b/g/n (20/40MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF output power</td>
<td>Maximum power level is not exceeding 20dBm</td>
</tr>
<tr>
<td>Frequency range (MHz)</td>
<td>2.4GHz</td>
</tr>
</tbody>
</table>

Radio Frequency Specification

<table>
<thead>
<tr>
<th>Frequency mode (band)</th>
<th>Wi-Fi a, n(20/40MHz), ac(20/40/80MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF output power (EIRP)</td>
<td>Maximum power level is not exceeding 14dBm</td>
</tr>
<tr>
<td>Frequency range (MHz)</td>
<td>5725MHz to 5875MHz</td>
</tr>
</tbody>
</table>

Radio Frequency Specification

<table>
<thead>
<tr>
<th>Frequency mode (band)</th>
<th>Wi-Fi a, n(20/40MHz), ac(20/40/80MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF output power (EIRP)</td>
<td>Maximum power level is not exceeding 23dBm (for TPC) / 20dBm (for without TPC)</td>
</tr>
<tr>
<td>Frequency range (MHz)</td>
<td>5150MHz to 5350MHz</td>
</tr>
</tbody>
</table>

Appliance Classes

- Double insulated Class II equipment (IEC 60417-5172).
  - Do not require an earth connection.
- For indoor use only (IEC 60417-5957).
- Direct current (IEC 60417-5031).
- Stand by (IEC 60417-5009).
For your safety

‘WEEE’ Instructions

This product should not be disposed with other household waste at the end of its working life. Please separate this from other types of waste and recycle it responsibly to promote the sustainable reuse of material resources. This will prevent possible harm to the environment or human health from uncontrolled disposal.

Domestic users:
Please contact either the retailer where you purchased this product or their local government office for details of where and how they can take this item for environmentally safe recycling.

Business users:
Contact your supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial waste for disposal.

Safety

1. POWER SUPPLY
   • Operate this product only from the type of power supply shown on the marking label. If you do not know the type of power supplied to your home, contact your local power company.
   • Disconnect the power supply before you start any maintenance or installation procedures.

2. OVERLOADING
   • Make sure that the wall outlet, extension cord and adapter have a sufficient power rating for the appliance. If not, this can cause an electric fire shock.

3. LIQUID
   • Do not expose this product to liquids. Do not put objects filled with liquid on the product.

4. CLEANING
   • Disconnect the product from the wall outlet before you clean it.
   • Use a moist cloth to clean the product. Do not use solvents. Wipe the surface gently with a soft cloth as it may get scratched.

5. VENTILATION
   • Make sure that the slots on top of the product are not blocked. It is necessary to have a sufficient airflow into the unit.
   • Do not put electronic equipment on the product.
   • Do not put objects on the product. This will block the ventilation or cause damage to the surface.

6. ATTACHMENTS
   • Do not use any unsupported attachments as these may be hazardous or cause damage to the product.

7. LIGHTNING, STORM OR NOT IN USE
   • Unplug the product from the wall outlet and disconnect the antenna during a thunderstorm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightning and power-surges.

8. EXTRANEOUS OBJECTS
   • Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts.
9. REPLACEMENT OF PARTS
   • When replacement of parts is required, be sure the service technician uses replacement parts
     specified by the manufacturer or those that have the same characteristics as the original part.
     Unauthorised substitution may result in additional damage to the unit.

10. CONNECTION TO THE SATELLITE DISH LNB/CABLE TV SIGNAL/AERIAL
    • Disconnect the power supply before you connect or disconnect the cable from the satellite dish/
      cable TV signal/aerial. If not, this can cause damage to the LNB/cable TV line/aerial.

11. CONNECTION TO THE TV
    • Disconnect the power supply before you connect or disconnect the cable from the TV. If not, this can
      cause damage to the TV.

12. ENVIRONMENT
    • Attention should be drawn to the environmental aspects of battery disposal.
    • Care is required for the use of this apparatus in tropical and/or moderate climates.

13. LOCATION
    • Place the product indoors to avoid exposure to lightning, rain or sun. Do not place it near a radiator
      or heat register.
    • Keep at least 10 cm clearance from any other appliances susceptible to electromagnetic influences
      such as a TV or a VCR.
    • If you place the product on a rack or a bookcase, make sure that there is adequate ventilation and
      that you have followed the manufacturer's instructions for mounting.
    • Do not place the product on an unstable surface where it can fall. A falling product can cause serious
      injury to a personnel and serious damage to the appliance.

Cautions and Warnings

1. TO AVOID DAMAGE OF POWER CORD OR PLUG
   • Do not modify or process the power cord or plug arbitrarily.
   • Do not bend or twist the power cord.
   • Make sure to disconnect the power cord while you hold the plug.
   • Keep heating appliances as far as possible from the power cord to prevent the cover vinyl from
     melting.
   • The mains plug, as a disconnection device, shall remain readily accessible by the user.
   • All-pole main switch shall remain readily operable. (For products with power switch)

2. TO AVOID ELECTRICAL SHOCK
   • Do not open the main body.
   • Do not insert metal or inflammable objects inside the product.
   • Do not touch the power plug with wet hands.
   • Disconnect the power cord in case of lightning.
   • Unplug the power cable before you install the aerial cable.

3. TO AVOID DAMAGE OF PRODUCT
   • Do not use the product when it is out of order. If you continue to use the product when defective, this
     may cause serious damage. Make sure to contact the customer service centre if the product is out of
     order.
   • Do not insert metal or alien substance into the slots for the modules. It may cause damage to the
     product and reduce its life span.
   • Do not overly pile objects on the product. It may cause cracks, deformation and discolouration.

4. TO AVOID DAMAGE OF HDD
   • Do not move the product or turn the power off suddenly while the hard disk drive is running.
   • The company shall not be liable for any corruption of data on the hard disk drive caused by
     carelessness or misuse of the user.
The GNU General Public License (GPL)

Version 2, June 1991
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How to Apply These Terms to Your Own Library

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Termination

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Signature of Ty Coon, 1 April 1990

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