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 **Antiference®**



DVB-T2 DIGIBOX

HD Digital Terrestrial Television Receiver

USER MANUAL

DVB-T2 DIGIBOX

Congratulations on your purchase of the DVBT-2 Digibox

This 'state of the art' product, is an HD encoder. The video and audio input can be taken from HDMI. After compressing the video into H264 and audio in AAC or MPEG1-L2 the output can be configured as DVB-T signal.

Stand alone configuration is made easy through 3 tact switches and ergonomic menu's. To make the configuration of the DMHDS ultra simple, a special software DMHDiface is available that you can download on our website:

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5 - Technical Specifications

DVB-T2 Antenna Input/Demodulation	
Connector Type	IEC- Female x 1 for ANT IN
Input Frequency	(UHF) 470 ~ 866MHz, (VHF) 170 ~ 230MHz
Bandwidth	6, 7, 8MHZ
Signal Input Level	-82 ~ -20dBm
Input Impedence	75Ω
ANT power	5V (on/off), I _{max} = 100mA
Demodulation Scheme	QPSK, 16-QAM, 64-QAM, 256-QAM
Demodulation Type	OFDM, fully compliant with DVB-T2 Standard
Media Features	
Picture	JPEG, BMP, PNG
Power Supply	
DC Input	5V/2A
Power Consumption	10 Watts max
Memory	
Flash	32Mbit
DDRII Memory	512 Mbit
Physical Characteristics	
Size	120mm x 75mm x 20mm
Front Panel	
Indicator	LED indicator for Power on or off
Remote Control Unit	Infra-Red Receiver
Key	
Display	
Interface	1 x USB 2.0

Software Update

This module has the facility to update operating system using the USB2.0 connection. Simply connect to a USB memory stick or direct to PC for the latest up to date software. To install, connect a USB stick and select (SOFTWARE UPDATE) from the main menu (MENU). Follow the on screen instructions and select (SYSTEM) followed by (USB UPGRADE). Allow to install and then re-start.

6 - Declaration of Conformity:



We, ANTIFERRENCE LIMITED herewith declare that the DVBT-2 Digibox complies with all essential requirements and any other applicable conditions set forth on directive 1999/05/CE.



According to the WEEE (Waste Electrical and Electronic Equipment) EU Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

Date of issue: January 2017



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OPERATING INSTRUCTIONS

Installation Guide

After you have connected the Digibox module, you can then follow the on-screen installation instructions.

1. For the first installation run, you can access the installation function by selecting the 'OK' button on the remote control and use the left, right, top and bottom buttons. Please choose your preferred operating language (OSD) and country of residence (Country)

You can then select the (CHANNEL SEARCH) to run the search function.

To confirm your choice, please select OK or EXIT.



CHANNEL SEARCH

1. You can update and change channel searches by selecting the (MENU) button on the remote control and choose (CHANNEL SEARCH). You now have a choice for random search (AUTO SEARCH) or for a known single frequency that you may require, select (MANUAL SEARCH)

LANGUAGE CHOICE

You have the ability to change language controls if required. Please choose (OPTION) from the (MENU) selection where you will see a variety of choices including operating language OSD, Subtitle Language, Audio Language and Digital Audio status.

PROGRAMME EDIT

You have the ability to move, skip and lock the programmes you want by accessing the Programme Edit function. Please choose (PROGRAM) in the main menu (MENU) and then press the password (000000), then select (PROGRAM EDIT) to make your alterations.

TUNER OUTPUT

If you want the tuner output 5V, please turn on the Antenna Power in the main menu (MENU)

1 SAFETY CONSIDERATIONS

Please read these instructions before use.

1.1 Connecting to the mains supply

This product has to be connected to the mains supply. If there is the slightest doubt concerning the type of connection available on the installation, please contact your supplier of electricity. Before carrying out maintenance operation or modification of the installation, the digibox has to be disconnected. Only use the supplied power adaptor.

1.2 Over Voltage

An over voltage on the mains supply, can cause short circuits or fire. Never overload the power lines.

1.3 Liquids

This module should be protected from splashes. Please assure yourself that no containers containing liquids are placed on this module. Also be aware of other persons splashing liquids on the module.

1.4 Cleaning

Disconnect the module before cleaning. Use only a damp cloth without solvents.

1.5 Ventilation

In order to assure an adequate air circulation and to prevent overheating, the ventilation holes should not be obstructed. The module may not be installed in a hermetically sealed environment. Other electronic products or heat producing items may not be placed upon or near the module.

1.6 Accessories

The use of accessories not manufactured by the manufacturer can cause damage to the module.

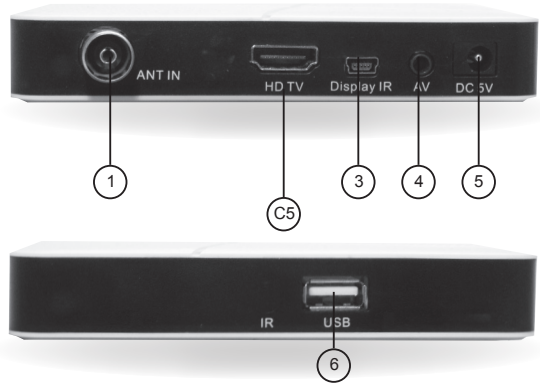
1.7 Installation of the module

The module must be installed in a place well protected from direct sunlight. All measures have to be taken to avoid installation in humid or sunny places. Do not install near heating elements or other devices producing heat. Assure yourself that the module is placed at least 10 cm from other equipment which is susceptible to electromagnetic radiation. Do not install the module on unstable items, a fall can cause physical or material damage.

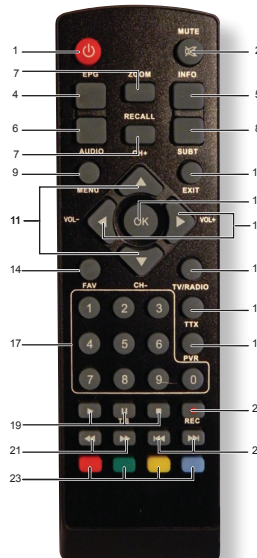
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2 - Description of the different elements

- 1 Aerial input
- 2 HDMI output
- 3 Display IR
- 4 AV output
- 5 Power supply input (5 V/2 A)
6. USB input (for updating the module by PC)



- 1 Power
- 2 Mute
- 3 Zoom
- 4 EPG
- 5 Display information
- 6 Audio language
- 7 Recall
- 8 Subtitle language
- 9 Main menu
- 10 Exit
- 11 Up and down
- 12 Confirm the highlighted menu item open the channel list
- 13 Left and right
- 14 Favourite channel
- 15 TV radio
- 16 Show the left teletext content of teletext if transmitted
- 17 Numeric key (0 to 9),
- 18 PDR,
- 19 Play stop and pause,
- 20 Start recording,
- 21 Fast backward and fast forward,
- 22 Play previous item and play next item,
- 23 Multicoloured buttons

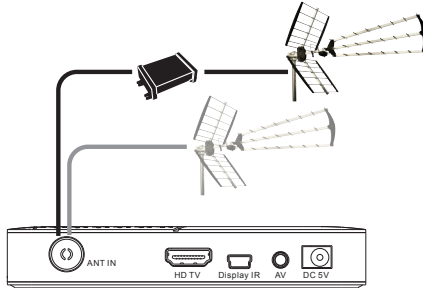


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4 - Connection

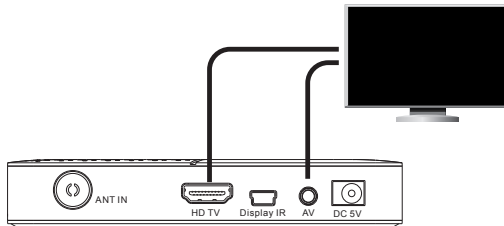
4.1 - Connecting to an aerial source.

Connect to either a direct aerial source or a source from a digital modulator connected to an aerial, into the Digibox receiver by attaching the aerial cable with f-type connector into the ANT IN port.



4.2 - Connecting to a television

Connect the Digibox by attaching a HDMI cable and L.R Audio AV cable to the corresponding ports on the back of the module.



4.3 Powering Up

Connect the power adapter into the rear of the module and then plug into the mains power socket.

