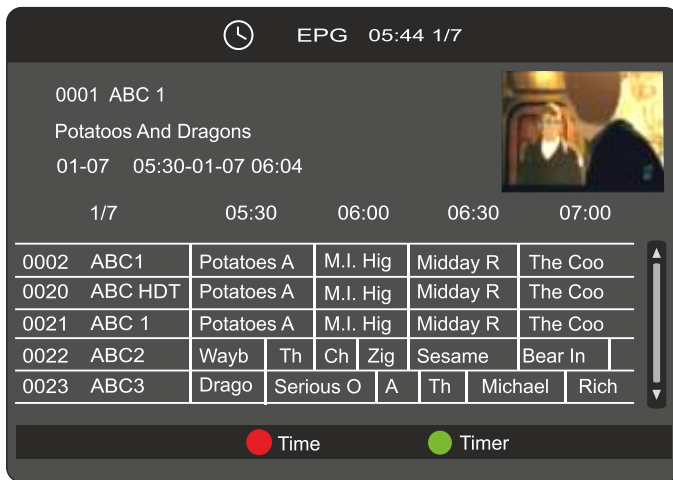


Electronic Program Guide



- Press EPG to launch EPG Feature
- Once the feature is launched, you will be able to see a list of channels, along with a small live screen, that displays the current channel that has been selected
- User can navigate across channels by using \blacktriangle arrow keys option to move the focus across the channels, and then press "Select", to choose the right channels
- User can navigate across events by using left /right \blacktriangleleft \blacktriangleright arrow keys
- Press "Select" button in remote on a particular event box to view a short / long description of the selected event box
- This feature enables you to switch between various channels
- You will be able to view the Channel number and the current event details along with the current time

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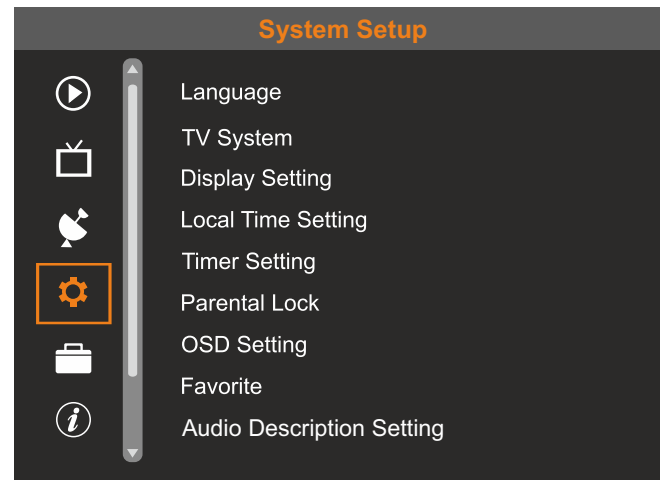
Live TV Channel List



- Press "Select" Button to display the Channel List Screen
- Currently viewed channel will have the focus on display while launching this channel list
- User can easily browse across the channels, genre list and FAV list by using right/left arrows \blacktriangleleft \blacktriangleright
- User has to use \blacktriangle arrows to navigate through the list

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Settings



- ◆ Settings screen can be activated by selecting the option in the Main Menu.
- ◆ Languages can be changed using the "Language" Feature
- ◆ It supports the Indian regional languages
- ◆ TV Settings can be changed using the "TV System" Feature like video resolution, aspect ratio.
- ◆ Display settings like brightness, Saturation contrast can be changed using "Display Setting" Feature according to the user.
- ◆ User can change the Local time using the "Local Time Setting" Feature.
- ◆ On Screen Display [OSD] can be changed by using the "OSD Feature" like timeout, transparency levels.

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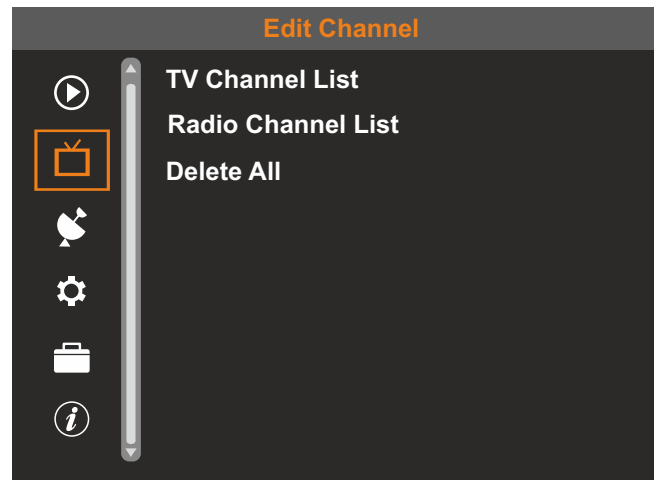
Trouble Shooting

Look through the following table about the possible troubles and you may find answers before request service. It may help you to resolve the problems with some easy operations according to this table. If something goes wrong with the receiver and can't get back to normal, please cut off the power for few minutes and restart the product. If the problem remains and proves to beyond your capability, you had better hand it over a qualified service agent.

Troubles	Possible Cause	Suggested Solutions
No Power	Set-Top box power cord is not connected well or it is not switched on	Plug the power cord tightly and turn on the power. Press to ON/OFF button on the front of STB
No signal	RF cable not connected properly	Remove RF cable and reconnect again properly
	Invalid Tuning parameters	Input correct Frequency, symbol rate and modulation and try again
	No signal from cable operator	Contact Customer service
No Picture and Sound but Front Panel shows the display	Set-Top box is in "Standby" mode	Press the Power button on remote control to bring the Set-Top box out of Standby
No video	Output to TV is not connected well	Check output cable connections from set-top box to TV
	TV switched off	
	Channels may not be available	
Remote control not working	Batteries incorrectly inserted	Insert the battery correctly
	Batteries exhausted	Replace the battery
	Beyond the effective operation range	Operate within an effective range
No sound	Check volume level of TV and set-top box	Increase the volume of TV and set-top box
	Check whether set-top box is in mute mode	Unmute set-top box to get audio
AV blank screen comes when you	You are watching an encrypted service or a program	1. Choose another service or program 2. Contact customer service

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Edit Channel List



- ◆ Edit Channel Screen is launched by selecting \square option in the Main Menu.
- ◆ User can customize the channels using FAV, Lock, Skip options

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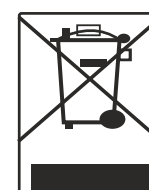
WARRANTY POLICY

Velankani Electronics Private Limited offers 1 Year Limited Warranty on HD MPEG 4 DVB-C STB

CONDITIONS OF WARRANTY

The above Limited Warranty is subject to the following conditions:

- 1) Within one year from the date of purchase if any component(s) is found to be defective due to faulty workmanship of defective material will be made and repairs executed free of charge and defective part replaced.
Parts repaired or replaced are under Warranty throughout the remainder of the original warranty period only. Repairs under warranty will be carried out only by VEPL service team.
- 2) This warranty does not cover any form of damage resulting from accident, misuse, neglect, application of incorrect voltage, fire, flood, lightning, power surges, other acts of nature or any usage, contrary to the operating instructions supplied along with the Set Top Box.
- 3) No responsibility will be accepted for damage arising out of unauthorized service, modification, or alterations of any nature made to the Set Top Box.
- 4) This warranty is not valid if the serial number of the Digital Set Top Box has been deleted, defaced or altered.



Disposal of Waste Electrical and Electronic equipment by User in Private Households
This symbol means do not dispose Set Top Box and Accessories with your other household waste. Instead it shall be handed over to a designated collecting points for the recycling of waste electrical and electronic equipments. By ensuring this, you will help to prevent potential negative consequences for the environment and human health. For more information, Please contact your household waste disposal service.

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SI No	Mode of Contact	Customer Care Number	Product Details Model No:	Serial No:	Name	Address	Phone / Mobile	Email	Cable Operator details	Distributor details with Sellers Signature and Stamp	Warranty up to	Buyer Signature
1.		+91 90 6602 5600										
2.		Email us at: customercare@velankanigroup.com										
1												
2												
3												
4												
5												
6												
7												
8												



IS 13252 (Part 1)/ IEC 60950-1



R-62000310

USER MANUAL

HD MPEG 4 DVB-C Set top box with USB PVR support

VEPL91360102, Rev: 0

Welcome

We thank you for your trust on our DVB Cable STB, Please read this Manual before operating the Set Top Box and pay attention to the Precautions which are mentioned below.

Safety Instructions

This product only can be operated where the mains supply is 0~270V, 50/60Hz with rated Power Adapter 5V/2A. To avoid fire and electrical shock; do not expose this equipment to rain or moisture.

Precautions:






Make sure to connect and disconnect the power cord holding the plug. Do not connect or disconnect the AC power with wet hands. Do not repair or reconstruct the Power Adapter without authorization.

Key Features


- DVB-C MPEG-2&4(H.264) Compliant.
- High definition Video decoding MPEG2 MP@HL & MPEG4 SP@L3 to ASP@L5
- Digital Audio Decoding of MPEG-1/2 Layer I&II ,AAC/HEAAC v1/v2
- Composite Video Output: CVBS
- HDMI : Digital Audio Video output
- Stereo Audio Output: PCM
- USB 2.0 port for function extension and to support external consumer peripherals
- USB PVR support
- Video-Resolution: (Supports 1080p/1080i/720p/576i/480i)
- Supports both PAY & Digital Free To Air (FTA) channels
- 750 Channels support.
- Electronic Program Guide (EPG) supports upto 7days, Parental lock.
- Supports 5 Indian Regional languages.
- Supports Advanced Embedded Security
- Supports Secure Software Upgrade through OTA

Accessories

Once you unpack the Box, you shall find the following

Accessories Names	How to use	Picture	Qty
Remote Control Unit (RCU)	Remove its back cover and place 2 AAA batteries inside the remote and close the cover.		1
Batteries (AAA)	Place the (+)ve and (-)ve ends of batteries are placed correctly inside the remote		2
HDMI Cable	Connect the HDMI cable to HDMI port in STB and the same in TV		1
User Manual	Before using this product go through this document		1
Power Adapter	Indian Standard, Input: AC90~270V, 50/60Hz Output: DC 5V/2A		1

Front Panel

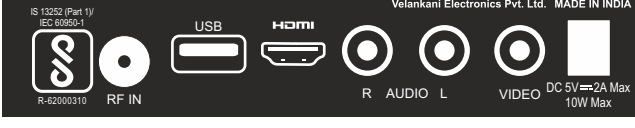


Name	Function
POWER / STANDBY LED Indicator	RED color - Standby mode GREEN color - Active mode
IR	Remote Receiver Sensor

SWITCHES

Name	Function
POWER	STB Power ON/OFF
CH+	Channel Up
CH-	Channel Down




Rear Panel



Name	Function
RF IN	Connect to Cable network
USB	Connect to USB 2.0 devices
HDMI	Connect to HDMI Port
RCA	3RCA, for CVBS, Audio-L and Audio-R
DC Jack	Connect to power supply unit, power Adapter

Remote Control Unit



Item	Function
POWER	Standby ON / OFF
TV/RAD	Toggle between TV & Radio channel Lists
MENU	Display / exit from main menu
RECORD	Start the instant recording
PLAY	Play the recorded video
PAUSE	Pause the recorded video / Live pause
STOP	Stop the recording/playback recorded video
MUTE	Mute / restore sound
	Mini EPG / Channel information bar display
Vol + / -	Adjust volume level
Ch + / -	Switch channels
Select	Show the channel list / OK
FAV	Favourite channel window
BACK	Back to previous menu or exit from operation/switch to last watch channel
EPG	Display EPG
COLOR KEYS	Function depends on specific application
0 to 9 numeric keys	Number keys / switch to channels directly
	Move focus up/down
	Move focus right/left

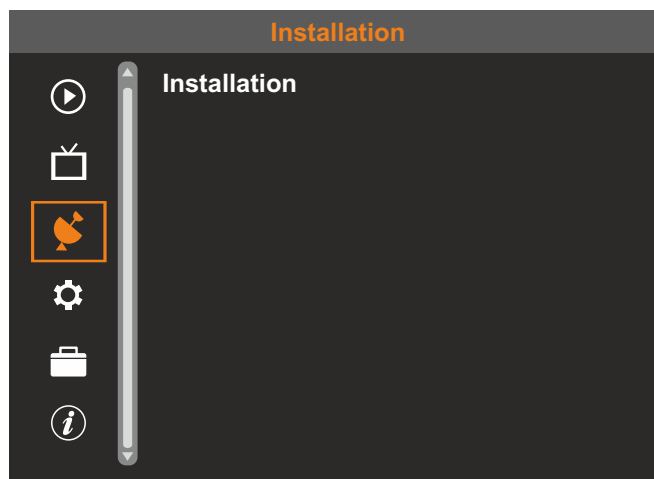
Basic Connection

- Connect the Equipment as per the instruction provided in the User Manual.
- Switch off this product and other equipment before connecting other accessories (like HDMI cable, USB & Tuner).
- Read the user manual carefully before connecting other equipment.
- Ensure all the cable connections are proper

Technical Specification

SECTION	ITEM	DESCRIPTION
FRONT END	Standard	DVB-C [EN300 429], or ITU-T J.83 ANNEX A,B,C
	RF Frequency	47~862 MHz for both VHF & UHF
	Demodulation	16/32/64/128/256 QAM
	Reed Solomon	204, 188, t=8
	Symbol Rate	1.5M ~7.0 M baud rate
VIDEO DECODING	Standard	MPEG2 MP@HL & MPEG4 SP@L3 to ASP@L5
	Aspect Ratio	16:9, 4:3
	Video Format	PAL/NTSC
	Video Resolution	1080p/1080i/720p/576i/480i
AUDIO DECODING	Standard	ISO/IEC 958
	Decoding	MPEG-1/2 Layer I&II , AAC/HEAAC v1/v2
	Output Mode	Mono, Dual Channel, Stereo
	Sampling Frequency	32, 44.1, 48KHz
PROCESSOR AND MEMORY	CPU	32bit RISC
	Flash Memory SDRAM	8MBytes 128MBytes

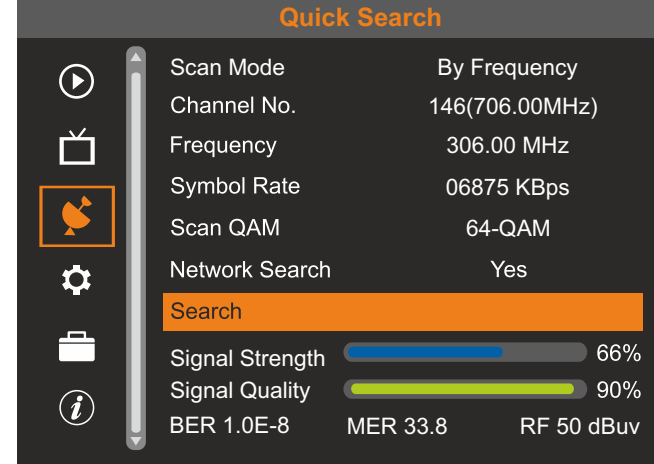
DVB-C Installation



Create a favorite channels list

- To set Favorite channel list for TV
 - Select "Main Menu" and go to Edit Channel
 - Highlight a channel you want to include on your Favorite Channels list, press OK
 - Repeat this step for all channels you want to include on your list
- To set Favorite channel list for Radio
 - Select "Main Menu" and go to Edit Channel
 - Highlight a channel you want to include on your Favorite Channels list, press OK
 - Repeat this step for all channels you want to include on your list
- Favorite list will also be invoked if the hot key 'Fav' is pressed.

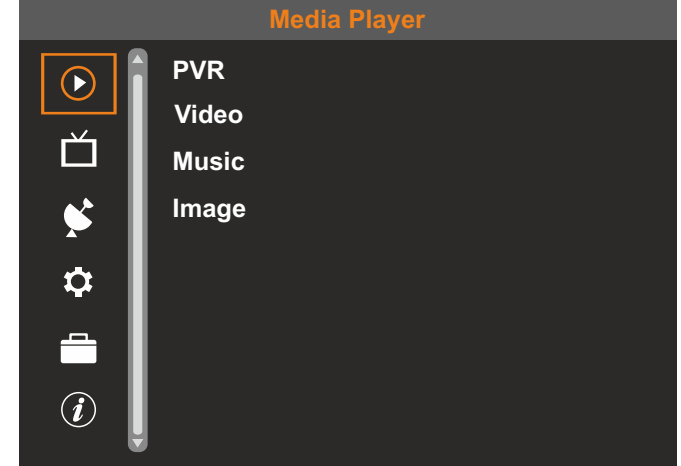
Channel Tuning: Manual / Quick Search




Item	Value
Scan Mode	By Frequency
Channel No.	146(706.00MHz)
Frequency	306.00 MHz
Symbol Rate	06875 KBps
Scan QAM	64-QAM
Network Search	Yes
Search	
Signal Strength	66%
Signal Quality	90%
BER 1.0E-8	MER 33.8 RF 50 dBuv

- ◆ section of DVB-C Installation and press "Select" button in the remote.
- ◆ Choose "By Frequency" in "Scan mode"
- ◆ You can change the frequency using left/right arrow keys
- ◆ You can use up/down arrow keys to navigate between the fields.
- ◆ Press "Select" button on the remote to activate "Quick search".

Main Menu



- ◆ Press the [Menu] button to view and browse Main Menu and its submenus listed below.
- ◆ Use  to navigate through the list.
- ◆ Use [Select] button to activate any menu/submenu features.
- ◆ Supported video playback file formats .mpg,.ts,.mp4,.mkv,.mov,.avi, .3gp
- ◆ Supported audio playback file formats .mp3,.ogg,.aac, .heaac, lpcm
- ◆ User can playback the recorded video
- ◆ User can browse recorded video in "PVR" option.