

EVOLVEO

Dual HD DVB-T receiver/recorder

Delta HD

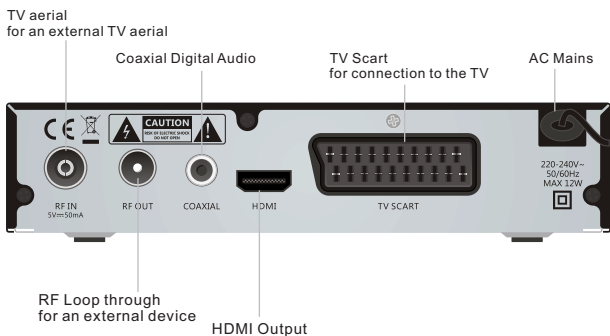


INTRODUCTION

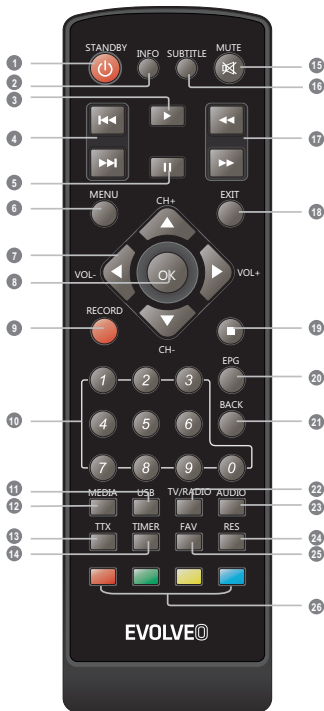
Front panel



Rear panel



Remote control



- 1 **STANDBY**
(switch the STB on and standby)
- 2 **INFO**
(Press for current channel information/
Operation guide)
- 3 **PLAY**

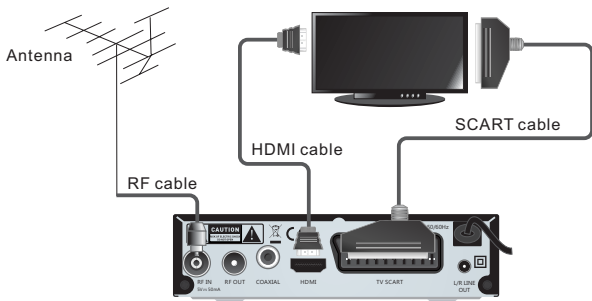
- 4 **Previous/Next**
- 5 **PAUSE**(Pause/Active TimeShift function)
- 6 **Menu**
(Open and close the menu screen)
- 7 **Cursor/CH+, -/VOL+, -**
(Cursor: Navigation buttons used to navigate
menu's items)
(CH+/-: Channel Up and Down)
(VOL+/-: Volume Up and Down)
- 8 **OK button**
(Confirm a selection within a menu)
- 9 **RECORD**
(Record the TV program)
- 10 **Numeric entry**
(Enter numeric values and select the channel
directly by entering it's number)
- 11 **USB**
(Enter File Manager)
- 12 **MEDIA**
(Enter Recorder menu)
- 13 **TTX** (Open interactive service)
- 14 **TIMER**
(Timer wake-up)
- 15 **MUTE** (Turn off/on the volume)
- 16 **SUBTITLE** (On/Off Subtitle)
- 17 **Search backward /forward**
- 18 **EXIT** (Exit from menu)
- 19 **STOP**
(Stop program playback or recording)
- 20 **EPG**
(Open up Electronic Program Guide Menu)
- 21 **BACK**
(Switch to previous channel)
- 22 **TV/RADIO**
(Switch between TV and Radio)
- 23 **AUDIO**
(Select audio mode and audio track)
- 24 **RES**
- 25 **FAV**
(Open the Favorite list)
- 26 **RED/GREEN/YELLOW/BLUE Buttons**
(For interactive function/Submenu
function buttons)

SYSTEM CONNECTION

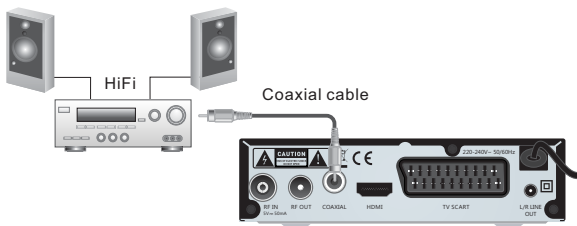
General

There are many different types of TV and other equipment that you can connect to the settop box. In this manual you will see some of the most common ways to connect your equipment.

Connecting the TV



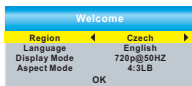
Connecting a HiFi system



GETTING STARTED

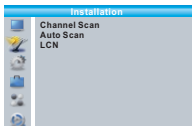
Welcome

If you use the STB for the first time, the "Welcome" menu appears. Press cursor button to setup the Region, Language, Display Mode and Aspect Mode. Highlight "OK" and press the "OK" button to start channel search.



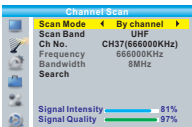
Installation

- 1 Press the "MENU" button to enter main menu.
- 2 Press "UP" or "DOWN" button to highlight "Installation", press "RIGHT" button to enter the Installation menu.
- 3 Press "UP" or "DOWN" cursor button to highlight the desired item and press "OK" button to enter the sub-menu.
- 4 Press "EXIT" button to exit.



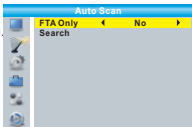
Channel Scan

- 1 Select "Channel Scan", press the "OK" button to enter the Channel Scan menu.
- 2 Press cursor button to set Scan mode, Scan Band, Channel No., Frequency and Bandwidth, then highlight "Search", press "OK" button to start channel scan.



Auto Scan

- 1 Select the "Auto Scan", press "OK" button to enter the Auto Scan menu.
- 2 Press the cursor button to set "FTA Only", then highlight "Search", press the "OK" button to start auto scan.



LCN

If LCN(Logical Channel Number) Select function is activated, you can't change the original number of TV channels by scanning.

You can activate/disactivate the LCN function by setting the "LCN" to on/off.

OPERATION

Changing Channels

There are three ways of channel selection - stepping through the channel list, selection by number and from the on-screen channel list.

- ① Stepping through the channel list:
To move through the channel list, press the upward arrow or downward arrow key on the remote control.
- ② Selected by number:
Enter the channel number directly by pressing numeric buttons, and press the "OK" button to select desired channel.
- ③ Selected by on-screen channels list:
You can also select the required channel directly from on-screen channel list. This is displayed using the STB's main menu. See "Edit Channel" in this manual for operation detail.

Accessing the Electronic Program Guide (EPG)

Accessing the EPG of all channels:

- ① Press "EPG" button to enter EPG menu .
- ② Press cursor button to switch between channel list, events schedule of the selected channel and now/next events.
- ③ Press "Green" button to Timer the events.
- ④ Press "Red" button to display " Time Bar" menu.



EDIT CHANNEL

Edit Channel menu

- 1 Press the "MENU" button to enter main menu.
- 2 Press "UP" or "DOWN" button to highlight "Edit Channel", press "RIGHT" button to enter the Edit Channel menu.
- 3 Press "UP" or "DOWN" cursor button to highlight the desired item and press "OK" button to enter the sub-menu.
- 4 Press "EXIT" button to exit.

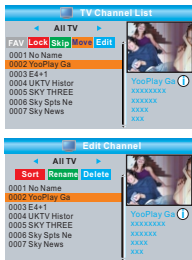


TV Channel list

- 1 In the Edit Channel menu, select "TV Channel List", press "OK" button to enter TV channel list menu.
- 2 Press "UP" or "DOWN" button to highlight channel, press the "OK" button to preview the desired TV channel.

Use this menu to favor, lock, skip, move, sort, delete and rename channel.

- Press "FAV" button, then press "OK" button to edit the FAV function.
- Press "color" button, then press "OK" button to edit the corresponding function.



Radio Channel list

- 1 In the Edit Channel menu, select "Radio Channel List", press "OK" button to enter the Radio Channel list menu.
- 2 Press "UP" or "DOWN" button to highlight channel press the "OK" button to listen the desired Radio channel.

NOTE: Basically, the operation of "Radio Channel List" is the same as "TV Channel List", but there is one point different: In "Radio Channel List" mode, there is no video information, so it will always display Radio's logo in the right side preview window.

Delete All

- 1 In the Edit Channel menu, select "Delete All", press "OK" button. You are asked to input a password(the default password is "0000").
- 2 A warning window appears. Select "Yes", press "OK" button to delete all channels. Select "No", Press "OK" button to cancel deleting.

Warning! Do you really want to delete all channels?

Yes

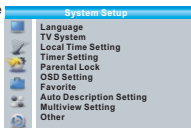
No

SYSTEM SETUP

System setup menu

System setup menu allows us to set Language, TV System, Local Time Setting, Timer Setting, Parental Lock, OSD Setting, Favorite, Auto Description Setting, Multiview Setting and Other.

- 1 Press the "MENU" button to enter main menu.
- 2 Press "UP" or "DOWN" button to highlight "System Setup", press "RIGHT" button to enter the System Setup menu.
- 3 Press "UP" or "DOWN" cursor button to highlight the desired item and press "OK" button to enter the sub-menu.
- 4 Press "EXIT" button to exit.



Language

This menu allows you to set Language.



TV System

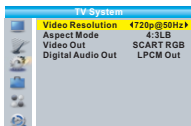
This menu allows us to set Video Resolution, Aspect Mode, Video Out and Digital Audio Out.

Video Resolution: By Source/By Native/480i/480p/576i/576p/
720p@50Hz/720p@60Hz/1080i@50Hz/
1080i@60Hz/1080p@50Hz/1080p@60Hz

Aspect Mode: Auto/4:3PS/4:3LB/16:9

Video Out: SCART CVBS+ HDMI/ SCART RGB

Digital Audio Out: LPCM Out/ BS Out



Local Time Setting

This menu allows you to set the region and time.

Region: This menu is used for changing the region setting.

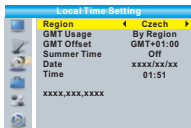
GMT Usage: This menu is used for open the usage of GMT.
The options are : By Region/User Define/Off

GMT Offset: This menu is valid only when selected "User Define"
in GMT Usage menu .
The GMT offset range is "-11:30 ~ +12:00", increasing
half hour progressively.

Summer Time: The options are: On/Off

Date: "Date" and "Time" menus are valid only when selected "Off" in GMT Usage menu.

Time: Press numeric button to input the time.



Timer Setting

This menu allows us to set the program timer. You can set 8 timers.

Timer Mode: Off/Once/Daily/Weekly/Monthly
 Timer Service: Channel/Record
 Wakeup Channel: You can select a desired channel as the wakeup channel.
 Wakeup Date: Press numeric button to input date.
 On Time: Press numeric button to input the time.
 Duration: Press numeric button to input the duration time.



Parental Lock

This menu allows you to protect menu and channel, and change the Password.

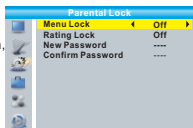
- In "System Setup" menu, select "Parental Lock" and press "OK" button, you are asked to input a password (the default password is "0000").
- After inputting the correct password by pressing numeric buttons, the parental lock menu appears.

Menu Lock: To lock the Edit channel/ Installation menu. When you want to enter these menus, you must input the password. You can set menu lock to on/off.

Rating Lock: Off/ AGE 4/AGE5/AGE6/AGE7/AGE8/AGE9/AGE10/AGE11/AGE12/AGE13/AGE14/AGE15/AGE16/AGE17/AGE18

New Password: To change the password.

Confirm Password: To confirm the new password.

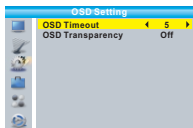


OSD Setting

This menu allows you to set OSD Timeout and OSD Transparency .

OSD Timeout: 1-10

OSD Transparency: To set the OSD transparency to Off/10%/20%/30%/40%.



Favorite

This menu allows you to rename the favorite group.

- In Channel menu, select "Favorite", press "OK" button to enter Favorite menu.
- Select desired group, press "OK" button to open the mock keypad. Input letter and numeric one by one by pressing the cursor button and press "OK" button to confirm. After finishing input, highlight "OK" on mock keypad to confirm, you change Favorite group name successfully.
- Press "EXIT" button to quit the group rename menu.



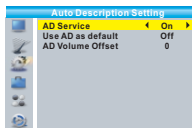
Auto Description Setting

This menu allows us to set AD Service, Use AD as default and AD Volume Offset:

AD Service: On/Off

Use AD as default: On/Off

AD Volume Offset: -3~3

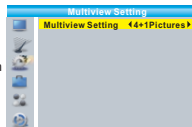


Multiview Setting

This menu allows us to set Multiview

- In "System Setup" menu, select "Multiview Setting" and press "OK" button, you can select your desired item 4+1 Pictures or 3x3 Pictures.
- After you select your desired item, press "EXIT" button to exit the main menu, then press "BLUE" button to enter multiview.

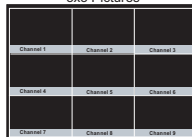
Multiview Setting: 4+1 Pictures/3x3 Pictures



4+1 Pictures



3x3 Pictures



Other

This menu allows us to set LNB Power, Channel Play Type, Beeper and Auto Standby.

LNB Power: On/Off

When "LNB Power" is selected "On", the STB will provide 5V power to antenna.
It will not provide when selected "Off".

Channel Play Type: All/Free/Scrambled

Beeper: On/Off

Auto Standby: 30Min/1 Hour/2 Hour/3 Hour/Off

No command to STB on front panel or Remote in 30 Min- 3 hours and no timer event, the STB will enter standby mode automatically.

If Off is selected, the STB can't enter standby mode automatically.



TOOLS

Tools main menu

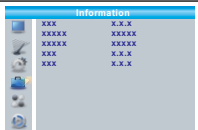
- 1 Press the "MENU" button to enter main menu.
- 2 Press "UP" or "DOWN" button to highlight "Tools", press "RIGHT" button to enter the Tools menu.
- 3 Press "UP" or "DOWN" cursor button to highlight the desired item and press "OK" button to enter the sub-menu.
- 4 Press "EXIT" button to exit.



Information

This menu can display some parameters information in this STB.

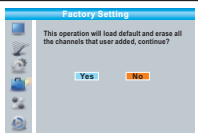
- 1 In "Tools" menu, select "Information", press "OK" button to open information window.
- 2 Press "EXIT" button to exit.



Factory Setting

This menu allows you to re-set the STB back to factory settings, clear all existed channels.

- 1 In the "Tools" menu, select "Factory Default", press "OK" button. You are asked to input a password (the default password is "0000").
- 2 A confirmation window is displayed. Select "Yes" to return back to factory settings and clear all channels. Select "No" to cancel back to factory settings.
- 3 Press "EXIT" button to exit.



Remove USB device safely

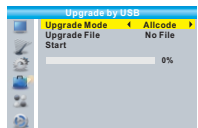
In "Tools" menu, select "Remove USB device safely", Press "OK" button to confirm. Then a window is displayed. Press "OK" button again.



Software Upgrade

We offer the functions for user to upgrade software by USB.

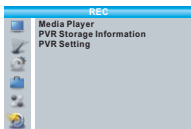
- 1 Enter "Tools" menu, select "Upgrade by USB", press "OK" button, Software Upgrade menu is shown.
- 2 Press cursor button to select the desired item, then highlight "Start" and press "OK" button to start upgrade.
- 3 Press "EXIT" button to exit.



RECORDING

REC main menu

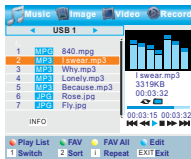
- 1 Press the "MENU" button to enter main menu.
- 2 Press "UP" or "DOWN" button to highlight "REC", press "RIGHT" button to enter the REC menu.
- 3 Press "UP" or "DOWN" cursor button to highlight the desired item and press "OK" button to enter the sub-menu.
- 4 Press "EXIT" button to exit.



Media Player

This function allows you to play files from USB port .

- 1 In "REC" menu, select "Media Player", press "OK" button to enter Media Player menu.
- 2 First you enter media player window, the highlight is on the USB/HDD device. Press "Down" button to move the highlight to directory and file field.
- 3 Press "1" button ,you can switch TAB between Music/Image/Video/Record.
- 4 Press "UP" or "DOWN" cursor button to select a desired item, and press "OK" button to play the desired files.
- 5 Press "EXIT" button to exit.



Music:

"RED" button: Press "RED" button to show Play List.

"GREEN" button: Move the highlight to the file which you want to add to play list, then press "Green" button to add. It will mark a favorite icon on the file.

"YELLOW" button: Press "Yellow" button to add all file of current directory to play list. Press again to delete all file of current directory from the play list.

"BLUE" button: Press "Blue" button to enter to edit sub-menu.

"2" button: Press "2" button to open the sort window. You can sort by Name/Time/Size/Favorite.

"INFO" button: Press "INFO" button to set repeat mode. The option is Repeat Folder/Random Folder/Repeat One.

"EXIT" button: Return to parent directory.

Image:

"RED" button: Press "Red" button to show play list.

"GREEN" button: Move the highlight to the file which you want to add to play list, then press "Green" button to add. It will mark a favorite icon on the file.

"YELLOW" button: Press "Yellow" button to add all file of current directory to play list. Press again to delete all file of current directory from the play list.

"BLUE" button: Press "Blue" button to enter to edit sub-menu.

"2" button: Press "2" button to open the sort window. You can sort by Name/Time/Size/Favorite.

"INFO" button: Press "INFO" button to open image setup

"3" button: Press "3" button to view image in multi view mode

"EXIT" button: Return to parent directory.

NOTE: When you browse pictures , press "RED" button or "GREEN" button, you can view 3D pictures.

Video:

- "BLUE" button: Press "Blue" button to enter to edit sub-menu.
 "2" button: Press "2" button to open the sort. You can sort by Name/Time/Size.
 "EXIT" button: Return to parent directory.

Record:

- "RED" button: Press "Red" button to open rename window.
 "GREEN" button: Move the highlight to the program which you want to lock. Pressing "Green" button, it will ask you to input password. Default password is "0000". After input correct password, the program is locked. If you want to unlock the program, press the "Green" button again.
 "YELLOW" button: Press "Yellow" button to make a delete mark on the program which you want to delete.
 "EXIT" button: Return to parent directory.

PVR Storage Information

This menu can display some parameters of Removable Disk.

- ① In "REC" menu, select "HDD Information", press "OK" button to open HDD information window.

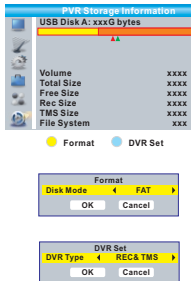
- ② Press "EXIT" button to exit.

- Format FAT/NTFS

Press YELLOW button to open Format menu.
 Press "LEFT" or "RIGHT" cursor button to change Disk Mode.
 Select "OK" to format. Select "Cancel" to cancel.

- DVR Set REC & TMS/Record/Timeshift

Press BLUE button to open DVR Set menu.
 Press "LEFT" or "RIGHT" cursor button to change DVR Type.
 Select "OK" to confirm. Select "Cancel" to cancel.

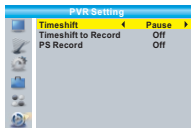


PVR Setting

This menu allows us to set the PVR Setting.

Press "UP" or "DOWN" cursor button to select desired item, press "LEFT" or "RIGHT" cursor button to change the setting.

- TimeShift AUTO/Pause/Off
- Timeshift to Record On/Off
- PS Record On/Off



TIMESHIFT/RECORDING

Plugging an external Mass Storage Device on the USB port gives you access to Time Shift/Record a broadcasted programme.

- Pause a broadcast programme and continue watching it later (TimeShift)
- Record a broadcasted programme
- When the space available on the Mass Storage Device runs out, recording operation of broadcasting will stop.

NOTE:

Please use USB 2.0 disk when recording or TimeShift. For TimeShift and recording feature, you need take bigger size USB flash drive or HDD (>2GB) for recording.

TimeShift

Initiate

- TimeShift can be done in viewing mode by pressing the "PAUSE" button.
- Press "RIGHT" or "LEFT" button to move the cursor to the time you desired to view. Press "OK" button to confirm.



Trickmodes

During the playback, it is possible to perform the following actions :

- Press "PAUSE" button to pause the playback
- Press "FORWARD" button to fast forward the playback
- Press "BACKWARD" button to rewind the playback

Stop the TimeShift

Press "STOP" button to stop TimeShift.

Recording

Instant record

- In viewing mode, press "RECORD" button to instantaneously start a record on the current channel
- Press "RECORD" button again can input duration.
Press "STOP" button to stop recording, then a confirmation window appears.
- Select "Yes" to stop recording. Select "No" to continue recording.

NOTE:

Please select famous brand USB 2.0 USB HDD or USB stick for Recording and Timeshift, such as SAMSUNG, HITACHI and SONY. Some USB devices maybe can't be supported due to its quality.

TROUBLESHOOTING

In some region, the digital terrestrial signal may be weak. So you'd better use the antenna in which the booster was built, for watching the weak signal channels.

Problem	Possible cause	What to do
Standby light not lit	Mains lead unplugged Mains fuse blown	Check mains lead Check fuse
No signal found	Aerial is disconnected Aerial is damaged/misaligned Out of digital signal area	Check aerial lead Check aerial Check with dealer
No picture or sound	Scart/AV is not selected on your TV	Reduce to another channel
Scrambled channel message	Channel is scrambled	Select alternative channel
No response to remote control	Receiver off Handset not aimed correctly Front panel obstructed Hand set batteries exhausted	Plug in and turn on plug Aim handset at front panel Check for obstructions Replace handset batteries
Forgotten channel lock code		Re-install channels to cancel channel lock
Forgotten menu lock code		Contact help line
The remote control will not operate your STB	(1) The batteries in your remote control need replacing (2) There is an obstruction blocking the signal path between the remote control and the box.	(1) Replace the batteries (2) Check that there is nothing in the way of the path between the remote control and the receiver
After moving the STB to another room you find you are no longer able to receive digital reception	The aerial feed former new point may come through a distribution system which may reduce the digital signal now received by the box.	Try a direct feed from the antenna

SPECIFICATIONS

TUNER & CHANNEL	<ul style="list-style-type: none"> • RF INPUT CONNECTOR x1 (IEC-TYPE, IEC169-2, FEMALE) • RF OUTPUT CONNECTOR x1 (IEC-TYPE, IEC169-2, MALE (LOOPTHROUGH)) • FREQUENCY RANGE: 174MHz~230MHz(VHF) 470MHz~862MHz (UHF) • SIGNAL LEVEL: -15 ~ -70 dbm
DECODER <ul style="list-style-type: none"> • Video decoder • Audio decoder • INPUT RATE • VIDEO FORMATS • VIDEO OUTPUT • MODULATION 	MPEG-2 MP@HL, AVC/H.264 HP @L4.1 MPEG-4 ASP SUPPORTED MPEG-1 Layer 1,2/PCM/HE-AAC V1.0 ICE958 SPDIF/DOLBY D+/DOLBY D MAX. 48Mbit/s 4:3/16:9 SWITCHABLE HDMI, SCART QPSK, 16QAM, 64QAM
CONNECTION <ul style="list-style-type: none"> • MAIN POWER CABLE • TUNER • DATA PORT • SCART • SPDIF • HDMI • ANALOG AUDIO OUTPUT 	FIXED TYPE ANTENNA INPUTx1, RF OUTPUT x1 USB slot TO TV x1 COAXIAL x1 HDMI OUTPUT x1 Down Mix Stereo output (Left and Right) x1
POWER SUPPLY <ul style="list-style-type: none"> • INPUT VOLTAGE 	220-240V~, 50/60Hz



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NOTE: Design and specifications are subject to change without notice.

DECLARATION OF CONFORMITY

Hereby, the company ABACUS Electric s.r.o. declares that EVOLVEO Delta HD (EAN: 8594161336983) is in compliance with the requirements of the norms and regulations, relevant for the given type of device.

The complete text of Declaration of Conformity can be found on <ftp://ftp.evolveo.com/ce>

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