



# EVOLVEO OMEGA II HEVC Recorder Instruction Manual

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# EVOLVEO

**EVOLVEO OMEGA II HEVC Recorder**



## Omega II Product Information

### Specifications

- **Brand:** Omega
- **Model:** Omega II
- **Website:** [www.evolveo.com](http://www.evolveo.com)

### Important Safety Instructions

1. Do not use this apparatus near water.
2. Clean only with dry cloth.
3. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
4. Operate this product only from the type of power source indicated on the label.

**Note:** The following symbols are used in the product:

- This symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.
- This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.
- This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.
- This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste. There are separate collection systems for recycling. For more information, please contact the local authority or your retailer where you purchased the product.

### Control Elements

- **Front Panel:**

- USB Port
- CH+/POWER

- **Rear Panel:**

- ANT IN
- ANT OUT
- COAXIAL
- HDMI
- TV SCART
- LAN
- DC IN 12V

## **Learning Remote Control**

### **Batteries Installation:**

1. Open the battery compartment cover.
2. Insert 2x AAA batteries with correct polarization.
3. Close the battery compartment cover.

### **Notes:**

- Do not mix the batteries.
- Remove the batteries if the remote control is not going to be used for an extended period of time.
- Do not place the remote control under direct sunlight or near sources of excessive heat.
- Point the remote control to the receiver, no more than 8 meters from the remote control.

## **Product Usage Instructions**

- **Connecting to TV**

### **Main Menu:**

- If you are using the receiver for the first time or have restored the receiver to Factory Settings, the Welcome Screen will appear on your TV screen. Press OK to start scanning channels.

- **LCN (Logical Channel Number):**

Choose if you want to sort the channels according to their logical channel number. The default value is OFF.

- **Edit Channel:**

TV Channel List: This menu enables you to edit channel lists by locking, deleting, skipping, moving channels, and creating favorite channel lists. If you want to preview the channel, select it and press OK.

- **Lock:**

Select a channel and press the Red button on the remote control. Then press OK and input the default password 0000. The channel will be marked with an icon. Press the EXIT button to confirm changes. The selected channel will be locked. If you want to unlock, select this channel, press the Red button and press OK to enter the password.

- **Skip:**

Select a channel and press the Green button. Then press OK. The channel will be marked with an icon. Press the EXIT button to confirm changes. The selected channel will be skipped when you switch channels. To unskip, select this channel, press the Green button and confirm by pressing OK.

## FAQ

1. **Q: Can I use this product near water?**

A: No, it is not recommended to use this product near water.

2. **Q: How should I clean this product?**

A: Clean only with a dry cloth.

3. **Q: Can I install this product near heat sources?**

A: No, do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

4. **Q: What type of power source should I use for this product?**

A: Operate this product only from the type of power source indicated on the label.

5. **Q: How far can I use the remote control?**

A: Point the remote control to the receiver, no more than 8 meters from the remote control.

## Important Safety Instructions

1. Do not use this apparatus near water.
2. Clean only with dry cloth.
3. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
4. Operate this product only from the type of power source indicated on the label. If you are not sure of the type of power connected to your home, consult your local power company. Disconnect the unit from the mains before any maintenance or installation procedure.
5. Protect the mains cord from damage and stress.
6. Only use attachments/accessories specified by the manufacturer.
7. Unplug this apparatus during lightning storms or when unused for long periods of time.
8. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, including damage to the mains cord or plug, if the unit has been exposed to liquid or moisture, has been dropped or is not operating correctly.
9. Do not impede the air flow into the unit by blocking the ventilation slots.
10. Attention should be drawn to the environmental aspects of battery disposal.

- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- **WARNING:** The batteries shall not be exposed to excessive heat such as direct sun light, fire, etc.

CAUTION RISK OF ELECTRIC SHOCK! DO NOT OPEN!



- This symbol indicates that dangerous voltages constituting a risk of electric shock are present within

this unit.



- This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



- This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.



- This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste.
- There are separate collection systems for recycling.
- For more information, please contact the local authority or your retailer where you purchased the product.

## Control Elements

### Front Panel



- USB Port
- CH+/-
- POWER

### Rear Panel



- ANT IN
- ANT OUT
- COAXIAL
- HDMI
- TV SCART
- LAN
- DC IN 12V

## Learning remote control

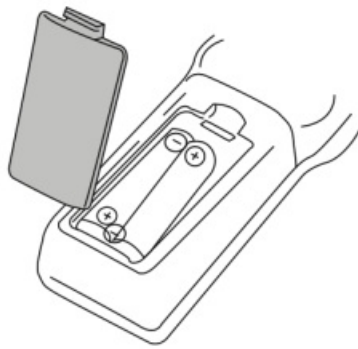


- **POWER (Red Button):** Standby Mode (ON/OFF)
- Fast Backward
- Fast Forward
- Play/Pause
- Stop
- **REC :** Records the TV program to the connected storage device
- **USB:** Enters to the PVR sub menu
- **SUBTITLE :** Displays subtitle options
- **TTX :** Switches on the Teletext
- **AUDIO :** Audio language or Audio mode
- **EPG :** Shows the Electronic Program Guide
- **INFO :** Displays information about the current channel
- Move the cursor
- **MENU :** Displays Main Menu
- **EXIT:** Use this button to quit current menu
- **VOL-/VOL+ :** Decrease/ Increase volume
- **CH-/CH+ :** Changing program buttons
- **FAV :** Favorite Channel List
- **MUTE :** Mutes audio output of the receiver 0-9; Numeric buttons
- **TV/RADIO :** Switch between Radio Channels and TV Channels
- **RECALL :** Goes back to previous viewed channel

## Smart remote control

- The remote control has 4 programmable buttons for controlling the TV: TV Power, Vol +, Vol-, TV/AV.
- Long press the SET button for 3 seconds, the red LED will be from low light to brighter light, release the SET button.
- Place the learning and the original remote control from the TV opposite to each other at a distance of 3-5 cm.
- Press and release the learning remote control button you want to program, the red LED will light blinking.
- Press the button of the original remote control, the LED should blink 2 times and light constantly, release the button.
- When learning is completed, press the SET button, the LED will turn off.
- Repeat the procedure described above for other functions (buttons) that you want to programme from your TV control.
- This function may not be compatible with all TVs. The manufacturer is not responsible for the compatibility of this feature with your TV.

## BATTERIES INSTALLATION



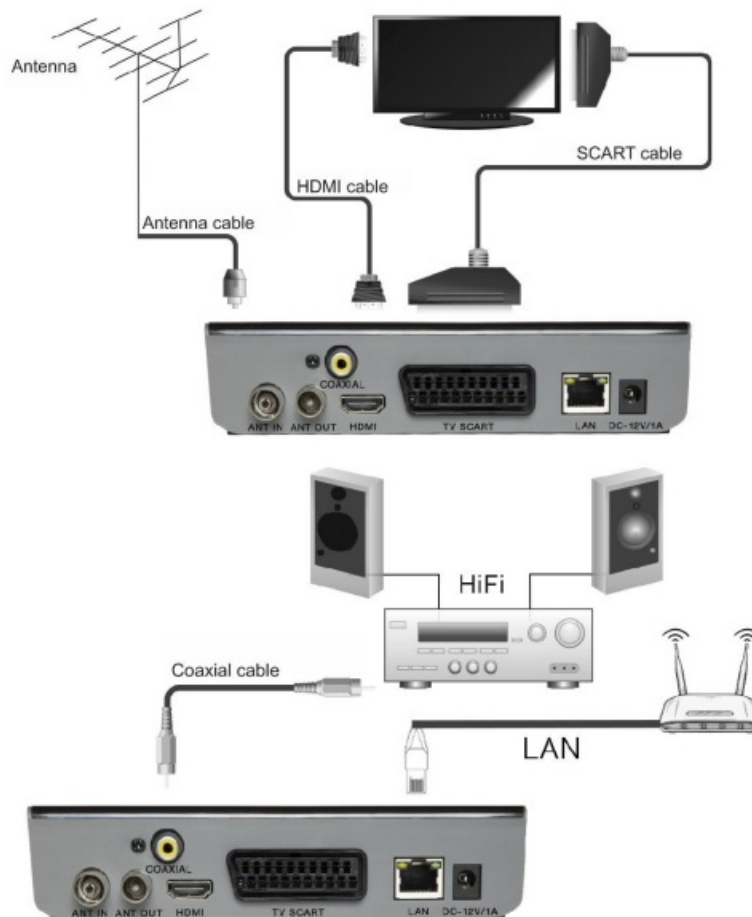
1. Open the battery compartment cover.
2. Insert 2x AAA batteries with correct polarization.
3. Close the battery compartment cover.

### Notes:

- Do not mix the batteries.
- Remove the batteries if the
- remote control is not going to be used for an extended period of time.

Do not place the remote control under the direct sunlight or near sources of excessive heat. Point the remote control to the receiver, no more than 8 meters from the remote control.

## CONNECTING TO TV



## MAINMENU

### QUICK INSTALLATION

- If you are using the receiver for the first time or have restored the receiver to Factory Settings, the Welcome Screen will appear on your TV screen.
- Press OK to start scanning channels.



- **Region:** Select a Country.
- **Language:** Select a Language.
- **Display Mode:** Select a screen resolution. The default value is 1080i\_25.
- **Aspect Mode:** Select dimensions of the screen. The default value is Auto.
- **OK:** Press OK to start scanning channels automatically.

## INSTALLATION

- **Auto Channels Scan:** Automatic searching and saving available TV channels.
- **Manual Channels Scan:** Manual searching for TV channels. You can search the channel by number or



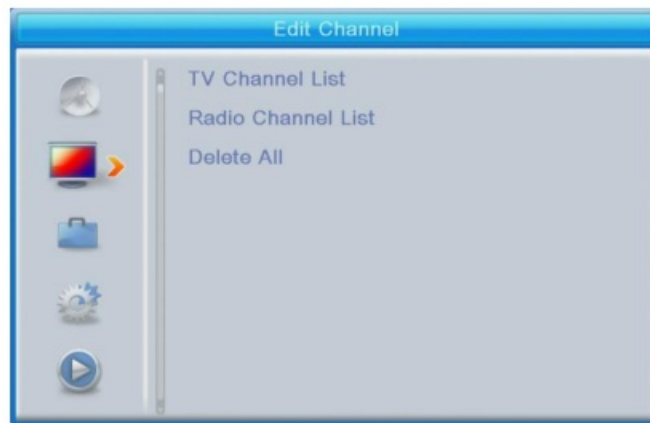
frequency. When you choose the desired options, press Search to start searching.



- LCN (Logical Channel Number): Choose if you want to sort the channels according to their logical channel number. The default value is OFF.

### EDIT CHANNEL

TV Channel List: This menu enables you to edit channel lists by locking, deleting deleting, skipping, moving channels and creating favorite channel lists. If you want to preview the channel, select it and press OK.



### FAV

- Select a channel and press FAV button on the remote control. Then press OK. A favorite list will be displayed.
- Choose one of the lists and press OK. Then press EXIT button to confirm changes. The selected channel will be saved in that list (it is now marked with an icon).
- Use left and right buttons on the remote control to switch between channel lists.. To delete channel from the favorite list, select the channel, press FAV button and then press OK. Favorite channel list will be displayed. Press OK button again. Then, you can exit menu to confirm the changes. The channel will be deleted from the favorite list.
- **Lock**
  - Select a channel and press Red button on the remote control. Then press OK and input the default password 0000. The channel will be marked with an icon. Press the EXIT button to confirm changes. The selected channel will be locked. If you want to unlock, select this channel, press Red button and press OK to enter the password
- **Skip**
  - Select a channel and press Green button. Then press OK. The channel will be marked with an icon. Press EXIT button to confirm changes. The selected channel will be skipped when you switch channels. To unskip, select this channel, press
  - Green button and confirm by pressing OK.

- **Move**

- Select a channel and press Yellow button. Then press OK. The channel will be marked with an icon. Use the up and down buttons on the remote control, to select new position for this channel and press OK. The channel will be moved to the selected position. Note! If you want to move channels in a new position, the LCN option should be OFF.

- **Edit**

- Select a channel and press the Blue button. New options will appear:
- **Sort:** Press Red button on the remote control. Now you can sort the channels by Name (A-Z), Name(Z-A), Free/Scramble, Lock.
- **Edit:** Press Green button on the remote control and then press OK. Now you can change the name of the channel.
- **Delete:** Press Blue button on the remote control and then press OK. The channel will be marked with an icon. Press the EXIT button to confirm changes.
- **Radio Channel List:** Enters to the menu for edit the Radio Channel List.
- **Delete All:** Opens a warning window. If you choose Yes, all channels will be deleted.

- **TOOLS**

- **Information :** Displays Information about the Model, Video Decoder and the Date of the Firmware.
- **Factory Setting :** If you choose to restore Factory Settings, the Channel Lists and all Settings will be deleted.



- **Upgrade by USB**

- The receiver is connected with the TV, but in Standby Mode. Copy the latest firmware into a USB stick. Do not rename the file of firmware and do not put the file into a folder.
- Insert the USB stick to the USB port of the receiver and press the Standby button on the remote control. The message “USB Disk A Connected will appear on the TV screen.
- Press Menu Tools – Upgrade By USB and press OK. In this window select Upgrade Mode : “AllCode”. At the option below “Upgrade File”, choose the latest firmware that is copied to the USB stick. Below, there is the option Start. Press OK and the upgrade process will start. In a few seconds, the process will be completed and the receiver will restart automatically.
- After the upgrade, confirm the date of the new firmware by pressing : Menu Tools – Information. Note! : If the upgrade process does not start, then use USB stick in FAT32 format.

- **Auto Standby**

- Set what time the receiver will automatically enter in Standby Mode. ( 1 hour, .2 hours, 3 hours, 4 hours or 5 hours). The default value is 3 hours. YOUTUBE – Network:

- **Network setting**

- **Choosing network:** this device supports Ethernet and Wi-Fi. Supports Wi-Fi connection via dongle of 7601 chip series.
- **Settings:** if you choose Ethernet option, your network cable is connected and the function DHCP on your router is on, then choose DHCP – On and then choose „Use“. An IP address from the router will be assigned to you. If you choose Wi-Fi and Wi-Fi dongle EVOLVEO is inserted into the USB port, then go to Settings, choose your Wi-Fi, enter your Wi-Fi password and Wi-Fi router will assign you an IP address.
- **Network Application:** Youtube functions – Youtube will be working correctly after choosing network connection and loading the IP address.
  - Youtube application is a third-party product, the device manufacturer is not responsible for Youtube functionality.
  - Some videos may be licensed or contain a format incompatible with playback and therefore cannot be played.



## SYSTEM SETUP

- **Language:** Select the language of the Menu, First and Second Audio, Subtitles and Teletext.



### • TV System

**Video Resolution:** There are many options in this menu. If you are using

- HDMI output connection, the default is 1080i\_25. If you are using SCART output connection, the default value is 576i.
- **Aspect Mode:** Available options: Auto, 4:3PS, 4:3LB or 16:9. The default value is Auto.
- **Digital Audio Output:** Available options: BS Out or LPCM Out. The default value is LPCM Out.
- **Display settings:** Brightness (default value is 50), Contrast (default value is 50), Saturation (default value is 50), Hue (default value is 50) and Sharpness (default value is 5).
- **Local time setting**
  - **Region:** Select your country.

- **GMT Usage:** Set to "By Region" if you want to use GMT and set the time automatically. Set to "User Define" if you want to set the time zone manually, or set to "Off", if you want to set the date and time manually. The default value is "By Region".
- **GMT Offset:** Set the time zone (only if "GMT Usage" is set to "User Define").. Date: Set the date (only if "GMT Usage" is set to "Off").. Time: Set the time (only if "GMT Usage" is set to "Off").

#### • **Timer Setting**

- **Timer Mode:** Set the time interval: Once, Daily, Weekly, Monthly or Off.
- **Timer Service:** When is set to PVR, the receiver will switch to the preset channel, at preset date and time, and start recording the program. When is set to Channel, the receiver will switch to the preset channel at preset date and time.
- **Wake up channel:** Set the channel.
- **Wake up date:** Set the date.
- **On Time:** Set the start time.
- **Duration:** Set the duration of displaying or recording a channel.
- **Note:** It is also possible to set the Timer from EPG menu (see EPG section). Parental lock (Some firmware versions do not support this function)
- **Menu Lock :** When is enabled, the access to channel edition and searching menu, will be protected by a password. Default value is Off.
- **New Password :** Enter new password.
- **Confirm Password :** Confirm the new password.
- **Note :** Default Password is 0000. There is also a Power PIN, in case of forgetting the password that you were set. The SUPER PIN is 1006.

#### • **OSD Setting**

- **OSD Timeout :** Select the duration of displaying Info bar, from 1 to 10 seconds.
- The default value is 5.
- **OSD Transparency :** Set the OSD transparency to Off, or from 10% to 40%. The default value is Off.

#### • **Favorite**

- Press OK on a Favorite Group, Now you can rename the Favorite Channels List.

#### • **Other**

- **Antenna power:** Set to ON when having an active antenna without power adapter. Set to OFF when having passive antenna or active antenna with power adapter. The default value is OFF.
- **Channel Play Type :** The default value is All.
- **Beeper :** The default value is Off.
- **New Password :** Enter new password.
- **Confirm Password :** Confirm the new password.
- **Note :** Default Password is 0000. There is also a Power PIN, in case of forgetting the password that you were set. The SUPER PIN is 1006.

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- Press OK on a Favorite Group, Now you can rename the Favorite Channels List.

- **Other**

- **Antenna power:** Set to ON when having an active antenna without power adapter. Set to OFF when having passive antenna or active antenna with power adapter. The default value is OFF.
- **Channel Play Type :** The default value is All.
- **Beeper :** The default value is Off.
- **AD Service :** The default value is Off.
- **Use AD as default:** It is activated when the AD Service is On.
- **AD Volume Offset :** It is activated when the AD Service is On.
- **After Power Stop :** Allows you to choose the action of the receiver at a sudden power stop. The default value is Restart to Last Channel

- **MEDIA PLAYERPVR**

- PVR Video Music Image
- **Switch:** Press 1 on the remote control to switch between the PVR tabs: PVR, Music, Image and Video.
- **Sort:** Press 2 on the remote control to sort the channels by name, time, size and favorite. The option Sort is activated in Music, Image and Video.
- **Repeat/Setup:** Press 3 on the remote control to set the pictures, music and video playing modes.
- **MultiView:** Press 4 on the remote control to display the Multiple pictures together on TV. This option is activated in Image.
- **Play list:** Press the RED button on the remote control.
- The picture and video will be put into play : The default value is Off.
- **Use AD as default:** It is activated when the AD Service is On.
- **AD Volume Offset :** It is activated when the AD Service is On.
- **After Power Stop :** Allows you to choose the action of the receiver at a sudden power stop. The default value is Restart to Last Channel

- **MEDIA PLAYERPVR**

- PVR Video Music Image
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- **Repeat/Setup:** Press 3 on the remote control to set the pictures, music and video playing modes.
- **MultiView:** Press 4 on the remote control to display the Multiple pictures together on TV. This option is activated in Image.
- **Play list:** Press the RED button on the remote control. The picture and video will be put into play
- **Rating Lock :** Set the age. list. This option is activated in Image and Music.
- **FAV:** Press OK button to set the favorite media files. This option is activated in Image and Music. FAV All: Display all favorite media list. This option is activated in Image and Music.
- **Edit:** Press Blue button to edit the name of media.

- **PVR**

- **Rename:** Press Red button to revise the PVR channels name.
- **Lock:** Press yellow button to lock the relative PVR channels.
- **Delete:** Press Green button to delete PVR channels.



- **Note:** When watching a video with subtitles from USB drive, it is possible to set color and size of subtitles, background color and position. Press green button on the remote control to display subtitles settings.
- **PVR Storage Information**
  - Displays Information about the USB drive.
- **PVR Setting**
  - **Timeshift:** The default value is OFF.
  - **Jump:** Available options are : 30 sec, 1 min, 5 min, 10 min or 30 min.
- The default value is 30sec.
  - Timeshift to Record : When it is ON, it allows to record timeshift video.
  - The default value is ON and it is working only if the option Timeshift is ON.
  - **Remove USB device safely:** Select the connected USB drive and press OK to safely remove the USB drive.

## TIMESHIFT

Timeshift function allows to stop and rewind TV programs due to USB drive which is connected to the USB port of the device.

1. Make sure the USB drive is connected to the device.
2. Enter PVR Settings and turn ON Timeshift function
3. Press PAUSE button on the remote control to stop the program.
4. Control playback with the buttons on the remote control:
  - Press left and right arrows to choose starting point of playback, then confirm by pressing OK button.
  - Press PAUSE to pause playback.
  - Press REV and FWD to rewind or fast-forward playback.
  - Press STOP to stop timeshift and continue to watch the program.

### Notes:

- It is recommended to use USB drive in 2.0 standard. USB drives with low parameters may not be compatible with the device.
- Large capacity USB drives may require external power supply.

## RECORDING

1. Make sure the USB drive is connected to the device.
2. While watching a program, press REC button on the remote control to start recording (press REC button twice to change the default recording time).
3. To stop recording, press STOP button on the remote control. Confirmation

window will appear. Select[OK] to stop recording or [NO] to continue recording.

4. Recordings are saved on the USB drive and are available in the Media Player. PVR.

**Note:** Use Timer function or EPG to schedule a recording.

### EPG (Electronic Program Guide)

1. Press EPG button on the remote control to enter Electronic Program Guide.
2. Use direction buttons on the remote control to navigate the menu.
3. Press “Timer” button, the menu will display the PVR schedule.

### TROUBLESHOOTING

Problem	Possible reason	Possible solution
LED indicator is not on	Power adapter is disconnected	Check the connection of power adapter
No signal	Antenna is disconnected	Check antenna connection
	Antenna is damaged/ improperly set	
	No signal is transmitted	
No image or sound	Improper mode has been selected on the TV	Choose proper mode on the TV
Information that the channel is coded / unavailable	Coded / unavailable channel	Choose another channel
Remote control does not work	The device is turned off	Turn on the device
	The remote control is not pointed at the device	Point the remote control at the device no more than 8 meters from the remote control sensor and within 30° horizontally and 30° vertically of the front of the unit
	There are obstacles between the remote control and the device	Make sure there are no obstacles between the remote control and the device
	The batteries are discharged	Replace the batteries with the new ones
Forgotten channel password		Use Power PIN: 1006
When the device is moved to another room, there is no signal	Antenna connection in new place may be different (lower signal strength resulting in weaker channel reception or no signal)	Check antenna connection or connect amplifier to the antenna

### Do you still need an advice after reading this guide?

First read “Frequently Asked Questions” at [www.evolveo.com](http://www.evolveo.com) or contact the EVOLVEO technical support.

### The warranty DOESN'T APPLY to:

- using the device for other purposes than it was designed to

- installation of another firmware then the one that was installed as the original from the factory or that is to be downloaded at <ftp://ftp.evolveo.com>
- mechanical damage of caused by inappropriate using
- damage caused by the natural elements as fire, water, static electricity, overvoltage and so on
- damage caused by unauthorized repair
- damage of the guarantee seal or unreadable serial number of the device




- **Disposal:** The symbol of crossed out container on the product, in the literature or on the wrapping means that in the European Union all the electric and electronic products, batteries and accumulators must be placed into the separate salvage after finishing their lifetime. Do not throw these products into the unsorted municipal waste

## DECLARATION OF CONFORMITY








- Hereby, the company Abacus Electric, s.r.o. declares that the EVOLVEO Omega II is in compliance with the requirements of the standards and regulations, relevant for the given type of device.
- Find the complete text of Declaration of Conformity at <ftp://ftp.evolveo.com/ce>
- Abacus Electric, s.r.o.
- **Naxya Limited**
  - No.5, 17/F, Strand 50, 50 Bonham Strand, Sheung Wan, Hong Kong
- Made in China
  - Copyright © Abacus Electric, s.r.o.
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  - [www.facebook.com/EvolveoCZ](https://www.facebook.com/EvolveoCZ)
- All rights reserved.
- Design and specification may be changed without prior notice.

## Documents / Resources

 <p>EVOLVEO Omega II</p> <p><a href="http://www.evolveo.com">www.evolveo.com</a></p>	<p><a href="#">EVOLVEO OMEGA II HEVC Recorder</a> [pdf] Instruction Manual OMEGA II HEVC Recorder, OMEGA II, HEVC Recorder, Recorder</p>
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## References

-  [Index of /](#)
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