

Multi-I/O Converter Box 510

ET510



English

Quick Guide

Disclaimer

All the screenshots in this documentation are only example images. The images may vary depending on the product and software version. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

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For more information, please refer to www.avermedia.com.

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Important Safety Instructions and Disclaimer

⚠️WARNING: Failure to follow these safety instructions could result in fire, electric shock, other injury or damage to device or other property, and/or loss of life. AVerMedia is not responsible for damage or injury arising from failure to follow safety instructions relating to the product's use.

General Guidelines and Warning

- Read and follow these instructions.
- Do not use the device on uneven or unstable surfaces.
- Do not use this device in a wet environment or near water.
- Unplug the device before cleaning. Clean only with a dry cloth.
- Use in a well ventilated environment. Do not block any ventilation openings.
- Use the device within the specified temperature range.
- Use power sources within the specified voltage range.
- Do not place heavy objects on the device.
- Do not install near heat sources such as radiators or stoves.
- Do not defeat the safety purposes of the polarized or grounding-type plug.
- Protect the power cord from being walked on or pinched, particularly where the cord connects with plugs or adapters.
- Only use the attachments and accessories specified by the manufacturer.
- Unplug this device during lightning storms or when unused for prolonged time.
- Do not modify or disassemble the device in any way.
- Refer all servicing to qualified personnel.
- Do not dispose the device as general household waste. Dispose in accordance with local environmental laws.

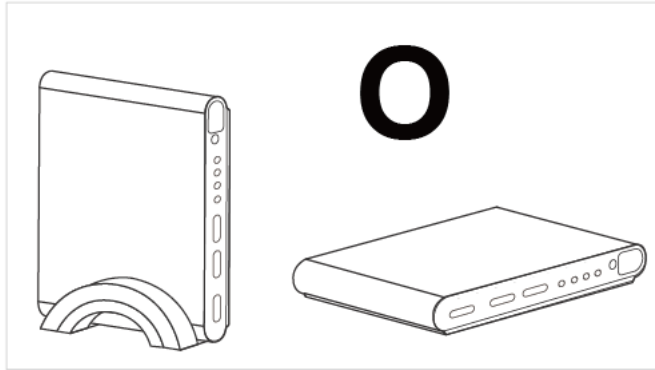
General Battery Instructions

- Never short circuit the battery terminals.
- Store the batteries in a cool dry place.
- Keep the battery away from children.
- Keep the battery away from fire.
- Stop using or charging the battery immediately if the battery becomes or appears damaged, gives off an odor, becomes discolored or deformed, starts to balloon or swell, leaks.
- Never store or charge the battery inside your car or in extreme temperature. Extreme temperatures might ignite the battery and cause fire.
- Do not dispose of used batteries in domestic waste. Dispose of batteries at special collection points or return to point of sale if applies.

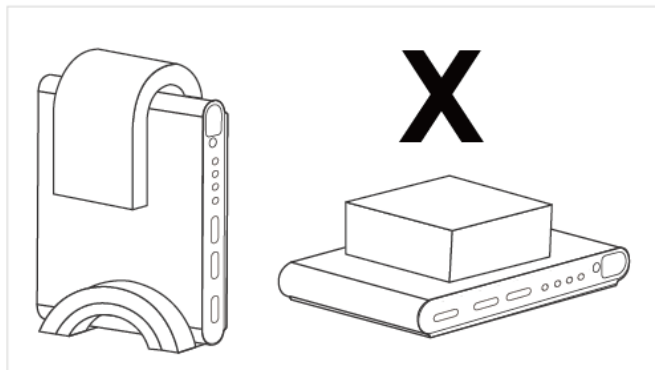
Removable Battery for Remote Control

- Do not charge the batteries.
- Do not mix old with new batteries.
- Do not attempt to disassemble the battery.
- Do not expose the battery to water or rain.
- Use of carbon-zinc battery for remote control is strongly recommended. Use of other types of batteries, such as alkaline or rechargeable (nickel-cadmium) may cause battery current overload or battery leakage and corrosion which can damage the remote control.
- Do not mix different types of batteries: alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium).
- Remove the batteries during long periods of non-use. Always remove exhausted batteries from the remote control. Battery leakage and corrosion can damage the remote control, dispose of batteries safely.

IMPORTANT!



Please place **Multi-I/O Converter Box 510** in the vertical stand so that the device can cool down efficiently.



In order to prevent **Multi-I/O Converter Box 510** from overheating, do not cover it with any item however it is placed. Also, please place it on a cool surface.

Limited Warranty

AVerMedia warrants that the Product is free from defects in material and/or workmanship under normal use.

AVerMedia does not warrant that the operation of the Product will be uninterrupted or error-free. The Limited Warranty does not cover:

- The warranty period has expired;
- Product that has (a) serial numbers or the warranty sticker that have been removed tampered, damaged or altered, or (b) nonconforming.
- Product purchased from an unauthorized distributor;
- Product has been tested, altered, modified, repaired or serviced by someone other than AVerMedia (or its authorized service centers);
- Failure to adhere to user's manual.
- Product that are operated in combination with third party's software which may be obtained by user or provided by AVerMedia in the product packaging.
- Product that are operated in combination with third party's device(s)/equipment(s), or the damage is caused from computer viruses
- Damage caused by (a) misuse, abuse, neglect, improper use of the physical or operating environment (such as the exterior ruptures, moisture, exposure to temperature, high or low humidity, power overload, placement subject to extreme environments that include a lack of ventilation or stacking, throwing, soaking, etc.) or modification; (b) improper or unauthorized installation, wiring, repair, testing; (c) use of the Product outside AVerMedia published guidelines; (d) accident, fire, acts of God or force majeure such as natural disasters, environmental distress, or lightning; power surges; (e) improper maintenance or failure to use the information content in accordance with the Product.
- Other than the above, similar circumstances not attributable to AVerMedia.

Warranty Period

The term of the warranty begins from the date of purchase. Your dated sales receipt showing the date of purchase is the proof of purchase. The warranty period varies by product and is generally 1 or 2 years; consult your original AVerMedia product packaging or user information provided by AVerMedia and local in-country distributor at the time of purchase for the warranty term specific to your product ("Warranty Period").

How to Obtain Warranty Service – Contact your local in-country distributor

- To obtain warranty service, an original or copy of the sales receipt from the original retailer is required.
- A separate warranty may be provided by international distributors. This warranty is provided by the local in-country distributor and this distributor provides local service for your device. Distributor warranties are only valid in the area of intended distribution.
- When a Product or part is replaced, the replacement item becomes your property and the returned product or part becomes the property of AVerMedia or its distributor.

Usage of Personal Contact Information

If you obtain service under this warranty, you agree to and fully authorize AVerMedia or its distributor to store, use, and handle information related to the warranty service, as well as your personal contact information, including but not limited to your name, phone number, address, and email. AVerMedia or its distributor requires this information to perform the necessary service set forth by this warranty. For warranty service and outcome satisfaction, AVerMedia reserves the right to contact you in order to understand the problems that occur during usage of the product; the company may also notify you about any product recalls or safety issues. To achieve satisfactory results, you agree to fully license AVerMedia to transfer his/her customer information to the country or region of the original purchase. This allows AVerMedia to undertake the scope of product or parts maintenance of the warranty service. AVerMedia may also disclose this information under certain legal requirements.

How to provide Warranty Service

Services may vary by geographic region, please contact AVerMedia or its distributor for a response regarding the appropriate services for your Product. The Warranty Service may be provided by the following types.

a. Customer Delivery Service

According to "Customer Delivery Service," the customer must pay for their own product to be delivered to a designated service center for repair or replacement, and all risks are borne by the customer. The customer may retrieve the product after the repair or replacement process has been completed. Should the customer fail to collect the product, the company will handle the product as it sees fit without incurring any liability.

b. Mail-In Service

According to "Mail-In Service," customers will be required to pay for their own products to be mailed to a designated service center for repair or replacement, and all the risks are borne by the customer. After the product has been repaired or replaced, AVerMedia will send the product back to the customer at their own expense and bear all risks, except where otherwise specified by service dealers.

c. Customers' Two-Way Mail Service

According to "Customers' Two-Way Mail Service," customers will be required to pay for their own product to be delivered to a designated service center for repair or replacement, and all the risks are borne by the customer. After the product has been repaired or replaced, the product will be returned to the customer, for which all delivery and other risks are borne by the customer. If the customer fails to arrange for the return transport of the product, the company will handle the product as it sees fit without incurring any liability.

No On-Site Service

AVerMedia and its distributor do not provide on-site service, including but not limited to, installation, maintenance, instructing, troubleshooting problems, the usage of the product or the warranty service. In the event that calling, updating software, or other means fail to resolve the issue, AVerMedia and its distributor will arrange warranty service as specified under "Scope of Warranty Services (a)."

Limitation of Liability

AVerMedia accepts responsibility for the damage or loss of products only under the following circumstances: when the company has a product in store or when a product is being transported by the company.

If any information contained in the product (including confidential information, proprietary information, or personal information) is missing or revealed, AVerMedia or its service dealers are without responsibility. Under any circumstances, if the solutions proposed under the warranty have not fulfilled its basic purpose, AVerMedia, its subsidiaries, suppliers, and dealers do not assume any burden of liability: (a) loss, damage, or disclosure of client data; (b) special damages, incidental damages, punitive damages, or consequential damages, including but not limited to loss of profits, loss of business revenue, goodwill, or anticipated damage to balance loss, and even if the possibility has been raised, whether the claim is based on contract, warranty, negligence, strict liability, or other liability. Under the circumstances that AVerMedia, its subsidiaries, suppliers and distributors assumes responsibility for damages caused by any reason, the amount of its total liability shall not exceed the actual payable of direct damages, nor shall it exceed the amount paid by the customer for the product.

Prejudice to the foregoing restriction does not apply to personal injury or death caused by injury, nor does it apply to the compensation required by law for AVerMedia to assume with regards to real or tangible property.

Where the law does not exclude or limit incidental or consequential damages, the above limitations or exclusions may not apply to the customer.

Other Rights

This warranty provides the customer with specific legal rights. The customer may be subject to jurisdiction in accordance with the relevant laws in his or her district, but the customer is subject to the laws and regulations that govern the country or state where the product was originally purchased. This warranty does not affect any legal rights, including the limitations or exclusions laid out by this contract; instead, the control of the consumer goods sold is governed by the relevant laws or regulations born of consumer rights.

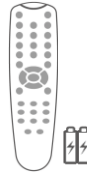
Chapter 1 What's in the Package

Multi-I/O Converter Box 510 package contains the following items:

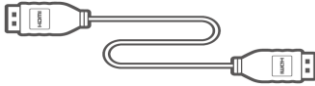
English



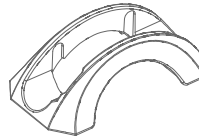
Multi-I/O Converter Box 510



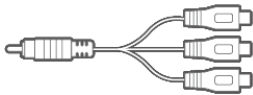
Remote Control (with batteries)



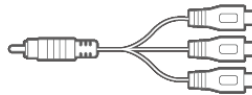
HDMI Cable



Vertical Stand



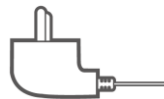
3.5 mm to Component Cable



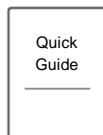
3.5 mm to Composite/Audio Cable (3)



IR Extender Cable



Power Adapter

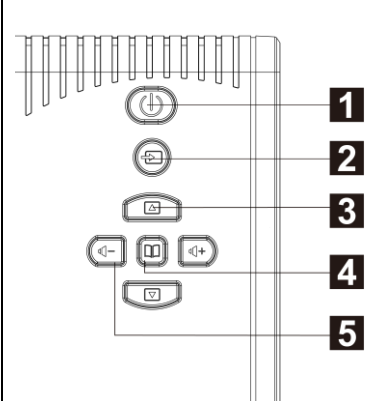











Quick Guide

Chapter 2 The Unit Parts

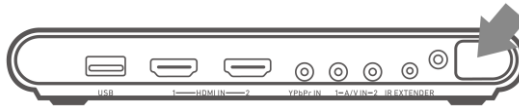
2.1 Touch Button Control Panel

The Touch Button Panel found on the top side of the unit provides quick access to commonly used functions.

	1		Turn the unit on/off
	2		Press this button to switch between PC and other available video sources. OSD Menu: Function as OK
	3		Press  and  to make the selection in the menu or picture setting
	4		Call up/close the menu display
	5		Press Volume  to increase and Volume  to decrease the volume level. Use these buttons to adjust the menu or picture setting

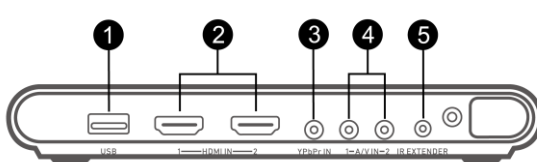
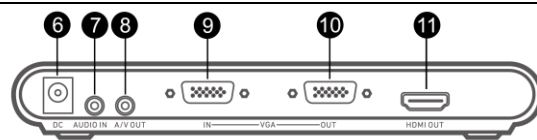
2.2 Infrared Sensor

When using the remote control, aim it at the Infrared Sensor which is located at the front panel of the unit.



2.3 Connection Ports

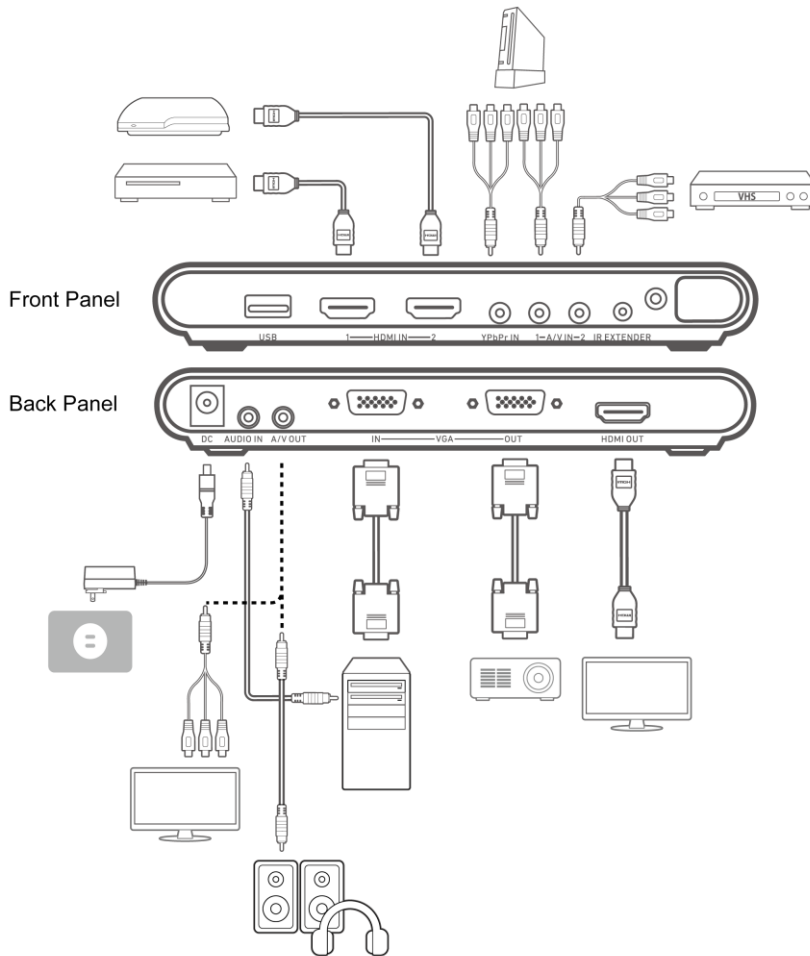
The port connectors allow connection of your PC, VGA Monitor, LCD Monitor or Projector, speakers, DVD Players, Camcorders, Gaming Console, or other Video Devices.

 <p style="text-align: center;">Front Panel</p>	1	USB port (for firmware upgrade)
	2	HDMI input 1 and 2
	3	Component (YPbPr) input
	4	A/V input 1 and 2
	5	IR extender port
 <p style="text-align: center;">Back Panel</p>	6	DC port
	7	Audio input
	8	A/V output
	9	VGA input
	10	VGA output
	11	HDMI output

Chapter 3 Installation and Setup

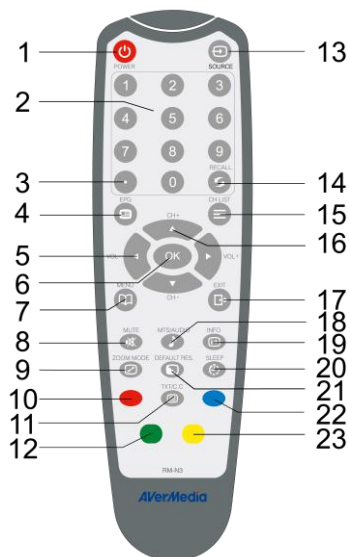
The figure below shows the proper cable connections for installing Multi-I/O Converter Box 510 and connecting it to your audio/video equipment.

English



3.1 The Remote Control

The diagram below shows the remote control unit layout.



1. POWER	Turn the unit on/off
2.Number Buttons	1–6: Quick source selection 1: AV 1 2: AV 2 3: Component 4: HDMI 1 5: HDMI 2 6: PC 7–0: N/A
3. Dot/Dash	N/A
4. EPG	N/A
5. VOL </>	OSD Menu: Switch menu or modes. Function as the LEFT and RIGHT arrow buttons.
6. OK	OSD Menu: Confirm the selection
7. MENU	Enter or exit the OSD menu
8. MUTE	Turn off/on the sound
9. ZOOM MODE	Switch among different aspect ratios
10. Red Button	N/A

11. TXT/C.C	View closed caption information
12. Green Button	On-screen function
13. Source	Switch among external video sources
14. RECALL	N/A
15. CH LIST	N/A
16. CH ▲/▼	OSD Menu: Function as the UP and DOWN arrow button
17. EXIT	OSD Menu: Exit menu
18. MTS/AUDIO	N/A
19. INFO	Display source and resolution
20. SLEEP	Automatically turn off the unit after 30, 60, 90, 120 or 150 minutes
21. DEFAULT RES.	Switch between 1024x768 60 Hz and 1280x720 60Hz
22. Blue Button	On-screen function
23. Yellow Button	On-screen function

3.2 Supported Display Setting

The reference table below lists the monitor display resolution and refresh rate settings that Multi-I/O Converter Box 510 supports.

VGA	HDMI
640X480 60Hz	480p 60Hz
800x600 60Hz	720p 60Hz
1024x768 60Hz	1080i 60Hz
1280x720 60Hz	1080p 60Hz
1280x1024 60Hz	576p 50Hz
1600x1200 60Hz	720p 50Hz
1920x1080 60Hz	1080i 50Hz
	1080p 50Hz

NOTE

If the resolution setting is not in 4:3 or 16:9 aspect ratio, the image will still be kept in 4:3 or 16:9 aspect ratio (with black bars on sides) for the best viewing experience.

European Community Compliance Statement



Class B

This product is herewith confirmed to comply with the requirements set out in the Council Directives on the approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive (EMC) 2014/30/EU, Low Voltage Directive (LVD) 2014/35/EU and Energy-related Products Directive (ErP) 2009/125/EC.



WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)



The mark of Crossed-out wheeled bin indicates that this product must not be disposed of with your other household waste. Instead, you need to dispose of the waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. For more information about where to drop off your waste equipment for recycling, please contact your household waste disposal service or the shop where you purchased the product.

Product name: Converter box



Model No.: ET510
P/N 300AET510D79
Made in Taiwan