



# VCR-650

ORDERCODE D6538



Highlite International B.V.

Vestastraat 2  
6468 EX Kerkrade  
The Netherlands

**SHOWELECTRONICS FOR PROFESSIONALS**

## **Congratulations!**

You have bought a great, innovative product from DAP Audio.

The DAP Audio VCR-650 brings excitement to any venue. Whether you want simple plug-&-play action or a sophisticated show, this product provides the effect you need.

You can rely on DAP Audio, for more excellent audio products.

We design and manufacture professional audio equipment for the entertainment industry.

New products are being launched regularly. We work hard to keep you, our customer, satisfied.

For more information: [iwant@dap-audio.info](mailto:iwant@dap-audio.info)

You can get some of the best quality, best priced products on the market from DAP Audio.

So next time, turn to DAP Audio for more great audio equipment.

Always get the best -- with DAP Audio !

Thank you!



# DAP Audio

---

## DAP Audio VCR-650™ Product Guide

<b>Warning</b> .....	3
Unpacking Instructions .....	3
Safety Instructions .....	3
Operating Determinations.....	4
Return Procedure .....	4
<b>Description of the device</b> .....	5
Frontpanel .....	5
<b>Operation</b> .....	7
Installation .....	7
Set Up and Operation .....	7
Set Up example .....	7
<b>Maintenance</b> .....	8
<b>Product Specifications</b> .....	8

## Warning

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY  
BEFORE YOUR INITIAL START-UP!**

## Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a device must be returned to the factory, it is important that the device is returned in the original factory box and packing.

Your shipment includes:

- DAP VCR-650
- 6x PG7 cable gland
- User manual



### CAUTION!

**Keep this system away from rain and moisture!**



## Safety Instructions

Every person involved with the installation, operation and maintenance of this system has to:

- be qualified
- follow the instructions of this manual



**CAUTION! Be careful with your operations.  
With a dangerous voltage you can suffer  
a dangerous electric shock when touching the wires!**



Before you initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the system.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the system are not subject to warranty.

This system contains no user-serviceable parts. Refer servicing to qualified technicians only.

### **IMPORTANT:**

*The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the system.*

- Never let the power-cords come into contact with other cables!
- Never use anything to cover the ground contact.
- Never leave any cables lying around.
- Do not open the device and do not modify the device.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use this device indoor, avoid contact with water or other liquids.
- Only operate this device after having familiarized with its functions.
- Avoid flames and do not put close to flammable liquids or gases.
- Make sure you don't use the wrong kind of cables or defective cables.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

- If your Dap device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Dap dealer for service.
- If system is dropped or struck, switch off the amplifier and disconnect all cables from the VCR-650 immediately. Have a qualified engineer inspect for safety before operating.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.

## Operating Determinations

This system is not designed for permanent operation. Consistent operation breaks will ensure that the system will serve you for a long time without defects.

If this system is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.

Any other operation may lead to dangers like short-circuit, burns, electric shock, etc.

You endanger your own safety and the safety of others!

*Improper installation can cause serious damage to people and property !*

## Return Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail [aftersales@highlite.nl](mailto:aftersales@highlite.nl) and request an RMA prior to shipping the device. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack the device, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

**Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:**

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) A brief description of the symptoms

## Claims

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a device is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

## Description of the device

### Features

The VCR-650 is a 6 x 50W Rackmount 100V Volume controller.

### Frontpanel

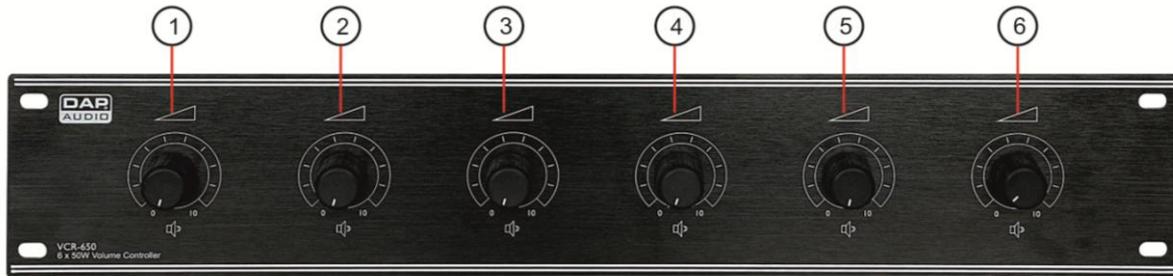


Fig. 1

#### 1. Volume 1

Allows you to adjust the volume of the connected speakers.

#### 2. Volume 2

Allows you to adjust the volume of the connected speakers.

#### 3. Volume 3

Allows you to adjust the volume of the connected speakers.

#### 4. Volume 4

Allows you to adjust the volume of the connected speakers.

#### 5. Volume 5

Allows you to adjust the volume of the connected speakers.

#### 6. Volume 6

Allows you to adjust the volume of the connected speakers.

- **Make sure that the total power of the speakers connected to a single volume control never exceeds 50W!**

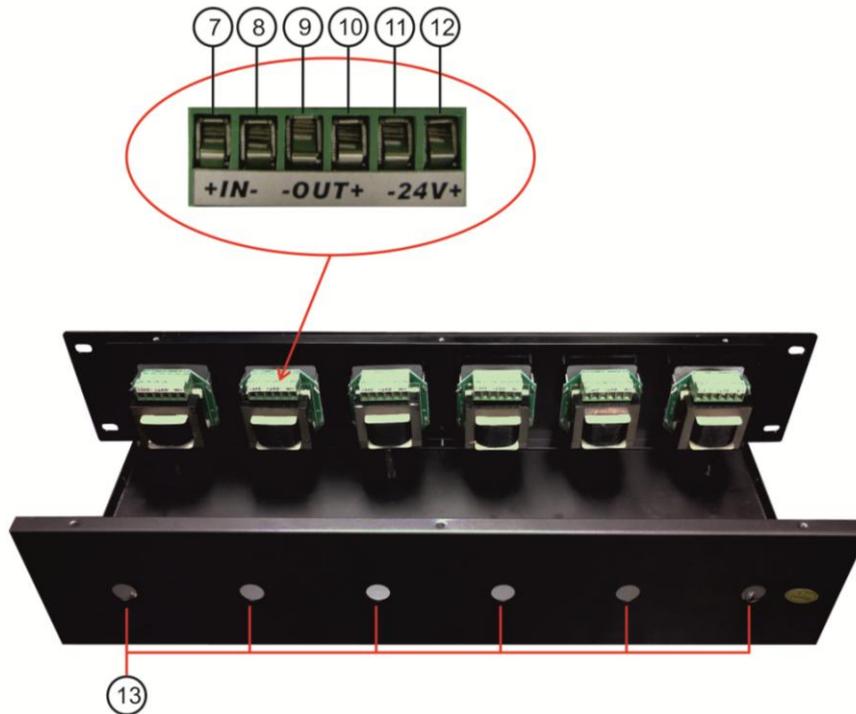


Fig. 2

#### 7. In + terminal

Connect this terminal with the speaker + output of your 100V amplifier. You can wire several or all inputs in parallel, depending on your application.

- **Make sure that when using several volume controllers at a single amplifier output as in the setup example (fig. 3), the total speaker power never exceeds the maximum power of the amplifier!**

#### 8. In - terminal

Connect this terminal with the speaker - output of your 100V amplifier. You can wire several or all inputs in parallel, depending on your application.

- **Make sure that when using several volume controllers at a single amplifier output as in the setup example (fig. 3), the total speaker power never exceeds the maximum power of the amplifier!**

#### 9. Out - terminal

Connect this terminal to the - terminal of your speaker(s). If you connect several speakers, make sure that all speakers are wired in parallel.

- **Make sure that the total power of all speakers connected to a single volume control never exceeds 50W!**
- **Make sure that when using several volume controllers at a single amplifier output as in the setup example (fig. 3), the total speaker power never exceeds the maximum power of the amplifier!**

#### 10. Out + terminal

Connect this terminal to the + terminal of your speaker(s). If you connect several speakers, make sure that all speakers are wired in parallel.

- **Make sure that the total power of all speakers connected to a single volume control never exceeds 50W!**
- **Make sure that when using several volume controllers at a single amplifier output as in the setup example (fig. 3), the total speaker power never exceeds the maximum power of the amplifier!**

#### 11. 24V - terminal

Connecting a 24Vdc voltage at at this terminal and the **24V + (12)** terminal allows you to bypass the volume control and thus allowing you to send emergency messages at full power, regardless of the position of the volume control.

### 12. 24V + terminal

Connecting a 24Vdc voltage at at this terminal and the **24V - (11)** terminal allows you to bypass the volume control and thus allowing you to send emergency messages at full power, regardless of the position of the volume control.

### 13. Cable entrances

Maker sure to use the supplied cable glands.

## Operation

### Installation

Remove all packing materials from the VCR-650. Check that all foam and plastic padding is removed. Secure the equipment into a 19" rack. Connect all cables.

### Set Up and Operation

- All speakers connected to a single volume controller should be wired in parallel!
- Make sure that the total power of all speakers connected to a single volume control never exceeds 50W!
- When connecting several volume controllers at a single amplifier output, make sure you wire them in parallel!
- Make sure that when using several volume controllers at a single amplifier output, the total speaker power never exceeds the maximum power of the amplifier!
- Only use 100V speakers (high impedance speakers)!

### Set Up example

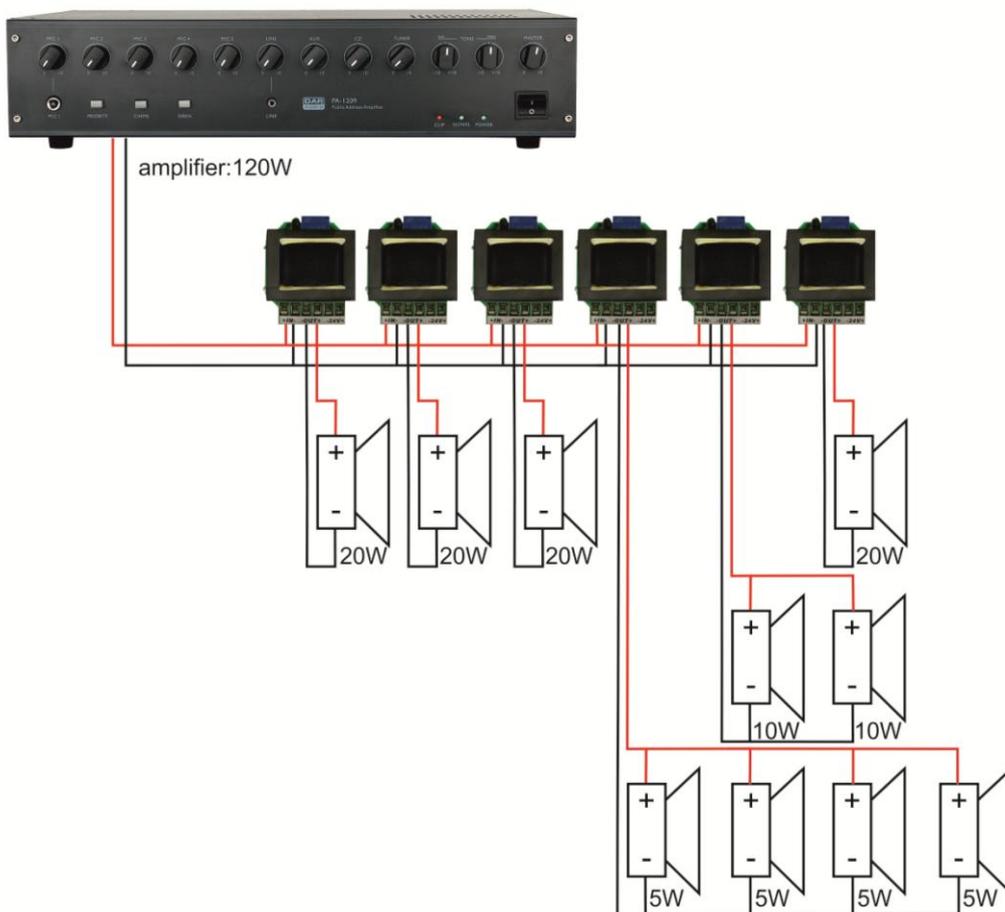


Fig. 3

## Maintenance

The DAP Audio VCR-650 requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.

Keep connections clean. Disconnect electric power, and then wipe the audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

## Product Specifications

Line input:	100V
Material:	Aluminium
Colour:	Black
Dimensions (LxWxH):	483 x 89 x 190 mm
Weight:	3,30 kg



Design and product specifications are subject to change without prior notice.



Website: [www.Dap-audio.info](http://www.Dap-audio.info)

Email: [service@highlite.nl](mailto:service@highlite.nl)



© 2012 DapAudio.