



CA470

INSTRUCTION MANUAL

vM INSTRUCTION MANUAL

Thank you for having bought this Van Medevoort product.
We wish you many happy listening hours.

THE MANUAL

It is essential to consult this manual before operating your Van Medevoort product. The numbers in the pictures correspond to the features of this product.

This manual contains everything you need to know to connect this product in addition to various user options. We kindly ask you to read this manual thoroughly before powering up the unit.

The manufacturer accepts no responsibility for any misunderstanding and/or misinterpretation or the consequences arising there from due to this instruction manual not being read correctly and followed properly.

WARNINGS

- Never touch the power cord and/or the unit with moist or wet hands.
- Never expose the unit to rain or moisture.
- Never remove the casing. There are no user-serviceable parts inside.
- Do not poke or put anything inside the unit.

POWER

Every Van Medevoort product is optimized for your country's electrical standards. e.g. 230V-50Hz or 115V-60Hz. This cannot be changed. Please check that your product is set to the correct voltage setting BEFORE connecting to an AC power outlet. Any faulty connection will invalidate the warranty.

COPYRIGHT

In some countries it may be necessary for you to pay a fee for recording and/or playing music. Please check with your country's laws and regulations.

WARRANTY

For warranty information, contact your local vM distributor.

RETAIN YOUR PURCHASE RECEIPT

Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes or when corresponding with vM.

BEFORE GETTING STARTED

IN GENERAL

When using your Van Medevoort product make sure that the following is observed:

- The cooling air vents are not covered
- The air can move freely around the product
- The product is sited on a vibration-free surface
- The product is not exposed to (very) high temperatures, cold, moist or dusty environments
- Do not expose the product to direct sunlight
- Do not expose the product to electrostatic discharges
- Never put any type of object directly on top of the product

When in doubt do consult your Van Medevoort dealer. If any object and/or water and/or moisture should find its way into the unit, always disconnect the power cord by its plug, never by the cord itself. When leaving for extended periods, e.g. holidays, we strongly recommend that you unplug all audio equipment. This is also advisable when there is a thunderstorm or lightning.

CONNECTING

Before actually making any connections, always disconnect the power cord from the wall socket by its plug, never by the cord itself, or switch the product OFF.

Always connect one source at a time and make sure that Left & Right channels are not interchanged. Make sure that the plug is fitted correctly. Otherwise, hum and/or noise may be apparent.

DO NOT forget to read the respective manuals of the products you wish to connect to this product, BEFORE connecting.

POSITIONING

If this product is being used at the same time as e.g. a Computer and/or a TV-tuner, you may experience various anomalies. When this is the case, please follow these instructions:

- Position the product as far away as possible from this type of item
- Make sure that the tuner interconnect is detached as far away as possible from all radio and/or TV power cords.
- Usually these anomalies occur when a 300 Ohms cable is used. We advise you to change to a well shielded 75 Ohms cable.

CE MARKING

The CA470 is in conformity with the EMC directive and low-voltage directive.

A NOTE ABOUT RECYCLING

This product's packaging materials are recyclable and can be reused. This product and the accessories packed together are the applicable product to the WEEE directive except batteries.

Please dispose of any materials in accordance with your local recycling regulations.

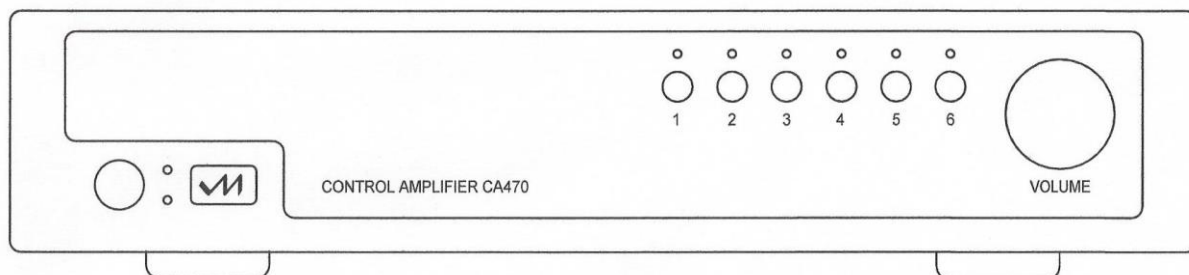
When discarding the unit, comply with your local rules or regulations.

Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.

VM CA470 STEREO CONTROL AMPLIFIER

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1. ON / OFF Power switch.
LED indication control. Fully red when switched ON, 50% red when in STANDBY mode (selected with the Van Medevoort Remote Control). Above the LED you will find the Infra Red sensor for the Remote Control.
2. 1 – 6 Source selector indicators.
These 6 push buttons correspond with the inputs on the backside of the amplifier. The LED's will go into flickering mode when the signal is switched to MUTE.
3. Volume Control.
Fully anti-clockwise sets the volume at its lowest level. Fully clockwise means that the volume is at its maximum level. Please be aware that continuous play at this level can cause serious damage, not only to the amplifier itself but also to any other equipment connected to it.

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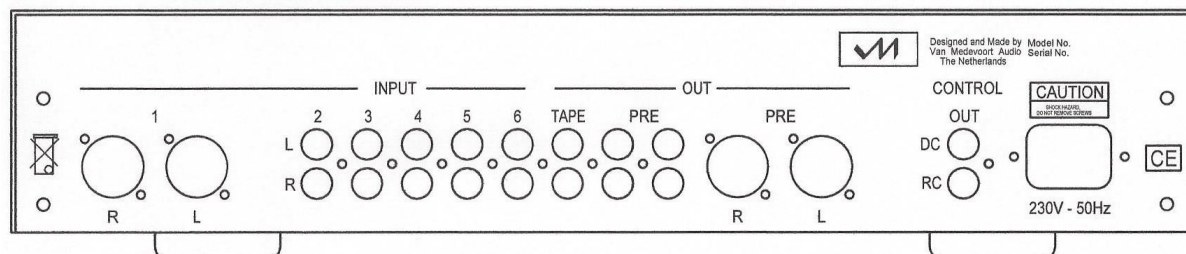
- ONLY connect the amplifier to a (professionally installed) wall socket with earth or ground and the corresponding voltage setting, as indicated on the back of the amplifier. Any faulty connection will invalidate the warranty.
- To prevent damage to your loudspeakers it is advisable, both at switching ON and OFF to turn the volume control fully to the left. Fully anti-clockwise sets the volume at its lowest level. The same applies when changing sources.
- The correct order for ON/OFF switching of the various products is as follows:
ON: always first the source, then the pre-amplifier, followed by the power amplifier.
OFF: always first the power amplifier, then the pre-amplifier, followed by the source.
- Only connect the DC and/or RC outputs of one product exclusively to the corresponding DC or RC inputs of the other product. Do not connect crosslink wise and also not with any audio input or output.
- Do make sure that there is always enough ventilation around the amplifier in order for it to remain at its desirable temperature level.
- Do not put any magnetic devices near or on top of the amplifier, e.g. floppy disks. This can cause irreparable damage to such devices.
- If it is necessary to replace the fuses, use only Slow fuse(s) with the exact same value. The fuse holders are positioned inside the amplifier and should only be replaced by an authorized Van Medevoort Service Center. There are no user serviceable parts inside.
- If you experience any problems, always contact your nearest authorized Van Medevoort Service Center.

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Problems caused by faulty connection will invalidate the warranty.

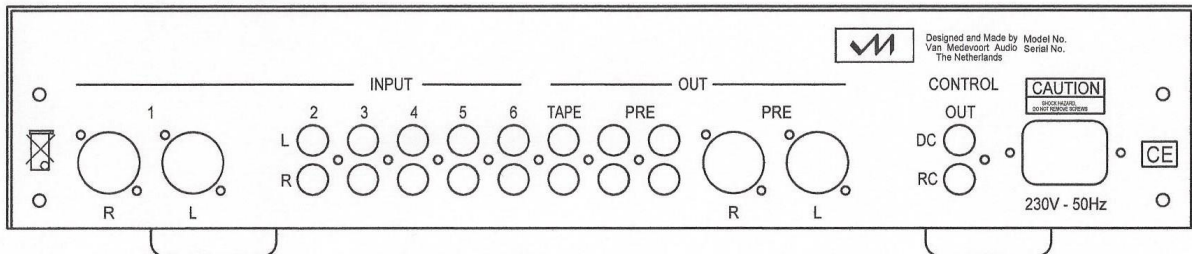
1. INPUT 1. As a standard feature the amplifier has one balanced XLR input, so as to make it a perfect match with the XLR output of a source, e.g. a CD player.
2. INPUTS 2 – 6. Suitable for all sources with RCA-cinch connectors as well as having an output at line level. E.g. CD player, SACD player, D/A converter, Tuner, CD recorder, HDHT PC and Media Player.
3. TAPE-OUT. To be connected to the input of a CD Recorder, HDHT PC or Media Player.
4. PRE-OUT. Outputs of the Pre-Amplifier, both RCA- cinch and XLR. To be connected to RCA-cinch or XLR input(s) of the Power Amplifier(s).
5. DC and RC control. DC control can only be used with other Van Medevoort Power Amplifier(s). One can only switch into STANDBY or ON, via the Remote Control.
RC control. The RC output can only be connected to the RC input of e.g. a tuner. Then the tuner can be operated with the Van Medevoort Remote Control.
6. IEC-USA Power Chassis Connector. To be connected with the proper wall socket, which must be earthed or grounded. Every Van Medevoort product is optimized for your country's electrical standards. e.g. 230V-50Hz or 115V-60Hz. This cannot be changed. Please check that your product is set to the correct voltage setting BEFORE connecting to an AC power outlet.

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- On the backside of the amplifier you will find 2 rows of RCA-cinch inputs. The upper row is for the LEFT channel and the bottom row is for the RIGHT channel.
- For your convenience you will find a red sticker, indicating “phase”. The phase of your electricity system can be determined with a voltage seeker.
- The amplifier must only be cleaned with a cloth, impregnated with a Ph-neutral cleaning fluid. And it must be mildly moist! NEVER use strong fluids and/or erasers. Before cleaning ALWAYS remove the power cord from its wall socket, by its plug not by its cord.
- The optimum operating temperature (35° - 40° C) is reached after approx. 60 minutes of continuous play. Then it will be possible to start enjoying the superb van Medevoort audio qualities of this class ‘A’ amplifier.
- We strongly recommend that you use a high quality Interconnect cable. E.g. the renowned van Medevoort Silver Cable. Also for the power cords.

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LINE AMPLIFIER

input impedance	50 kOhms
input voltage max.	unlimited
channel separation	> 100 dB / 1.5 Hz - 120 kHz
distorsion	< 0.002 % / 1.5 Hz - 120 kHz
bandwidth	1.5 Hz - 120 kHz
signal / noise ratio	> 100 dB
output impedance	< 100 Ohms
output voltage nom./max.	1.5 V eff./ 20 V eff. Single-ended
amplification	14 dB
power supply	115-230V / 50-60Hz
dissipated power	6/15 W stand by/on
housing	steel / aluminium
weight	9.5 kg
dimensions (incl. feet)	434 x 102 x 390 mm (W x H x L)
finish	housing: black (satin). frontplate: silver / black

Specifications subject to change without prior notice.

ACCESSORIES included:

- Power Cord.
- Remote Control. Batteries not included, 2x size AAA.

OPTIONS:

- Van Medevoort Silver Cable.

Van Medevoort Audio is the manufacturer of the complete Van Medevoort product line. Next to the renowned Van Medevoort Silver Cable Audio cables we can also supply you with various high quality accessories. For more information, do consult your dealer or contact us at one of the possibilities mentioned below.

Van Medevoort Audio
Maarssen
The Netherlands
Telephone : + 31 639 77 98 99
Website : www.vanmedevoortaudio.nl
Email : contact@vanmedevoortaudio.nl

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REMOTE CONTROL functions for **AMP**, CD / CT and DAC



- | | |
|--------|--|
| STBY | To switch the power ON or in Stand By mode |
| MUTE | Mute the vM amplifier when connected |
| AMP | Select first the device to control AMP |
| 1-6 | Use these buttons to select inputs |
| NEXT | Skip button selects next input |
| PREV | Skip button selects previous input |
| VOL + | Volume up on the connected vM amplifier |
| VOL -- | Volume down on the connected vM amplifier |

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