



PA471

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 PA471 is in conformity with the EMC directive and low-voltage directive.

A NOTE ABOUT RECYCLING

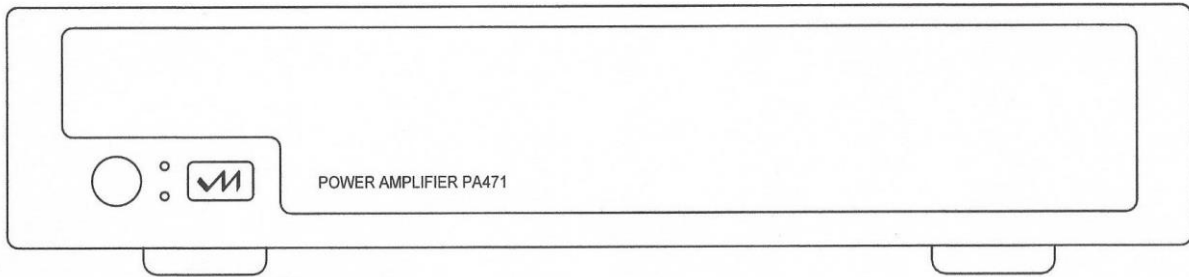
This product's packaging materials are recyclable and can be reused. This product and the accessories packed together are the applicable product to the WEEE directive except batteries. Please dispose of any materials in accordance with your local recycling regulations.

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.

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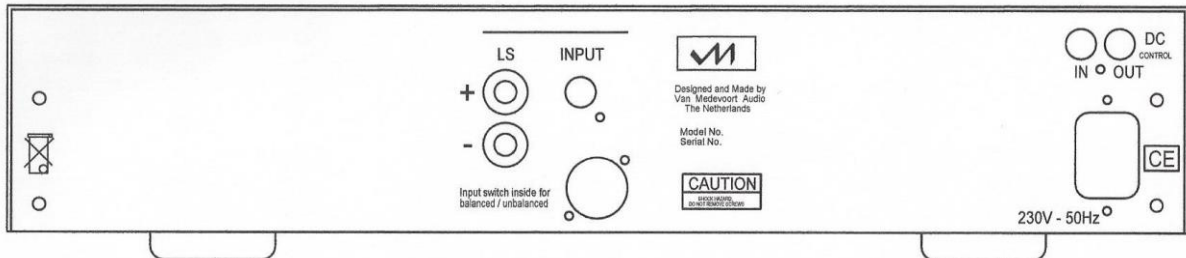
1. ON / OFF Power switch.
LED indication control. Fully red when switched ON, 50% red when in STANDBY mode.
In case of malfunction the power LED will flicker. Turn the amplifier OFF and ON again, with a 5 seconds interval, to reset the amplifier. When the power LED continues to flicker, please consult your nearest authorized Van Medevoort Service Center.

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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 amplifiers.
OFF: always first the power amplifiers, 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.
- The Red (+) loudspeaker terminal must never be connected with earth or ground, or to be connected with the Red (-) loudspeaker terminal. Both are Red because this is a balanced or symmetrical amplifier.
- 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.

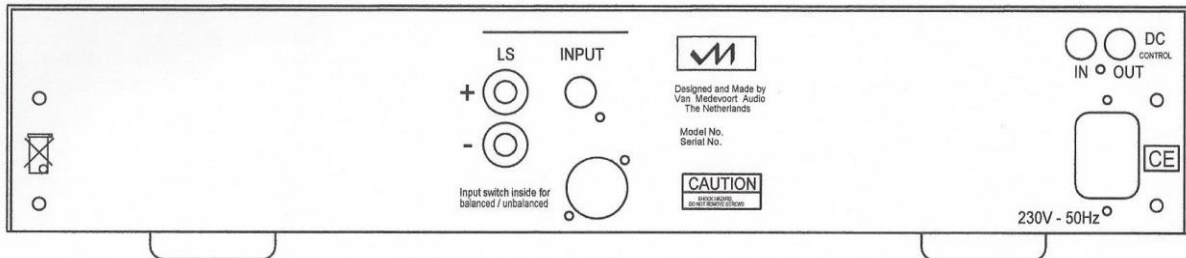
2. LS. The loudspeaker output terminal.
Upper one is Red (+), bottom one is RED (-).
Both are Red because this is a balanced or symmetrical amplifier.
3. Input. Two inputs: upper one is the a-symmetrical (single-ended) one with a RCA-cinch chassis connector. The bottom one features a XLR connector for balanced or symmetrical use. A switch is provided inside the amplifier, to select the input desired. Standard the RCA-cinch input is connected.
This switch can only be accessed by an authorized Van Medevoort Service Center.
4. DC control. DC control can only be used with DC control output on a Van Medevoort Pre or Main amplifier(s). One can only switch into STANDBY or ON, via the Van Medevoort Remote Control. DC out on the Power Amp can be used to switch the second (or more in case of multi channel) vM Power Amplifier via the DC in.
5. 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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- 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. 30 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 or Loudspeaker cable. E.g. the renowned Van Medevoort Silver Cable. Also for the power cords.

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POWER AMPLIFIER

power	> 1 x 450 W
distorsion	0,002 % 1 Hz - 100 kHz
power bandwidth	1 Hz - 100 kHz
damping factor	1200 - 1500
input level	1,5 V eff. / 450 W
input impedance	100 kOhms
signal/noise ratio	> 106 dB
loudspeaker impedance	2 Ohms min.
power supply	115-230 V / 50-60 Hz
dissipated power	5 W standby / min. 60 W. max. 550 W
housing	steel / aluminium
weight	14 kg
dimensions (incl. feet)	434 x 102 x 410 mm (W x H x D)
finish	housing: black (satin). frontplate: silver / black

Specifications subject to change without prior notice.

ACCESSORIES included:

- Power Cord.

OPTIONS:

- Van Medevoort Silver Cable.

Van Medevoort Audio is the manufacturer of the complete Van Medevoort product line. Next to the audiophile 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.

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