



VONYX VSA10P VSA Passive Speaker Instruction Manual

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Introduction

Congratulations to the purchase of this Vonyx product. Please read this manual thoroughly prior to using the product in order to benefit fully from all features.

Read the manual prior to using the product. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock.

Keep the manual for future reference.

- Prior to using the product, please ask advice from a specialist. When the product is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The product contains voltage carrying parts. Therefore do NOT open the housing.
- Do not place metal objects or pour liquids into the product. This may cause electrical shock and malfunction.
- Do not place the product near heat sources such as radiators, etc. Do not place the product on a vibrating surface. Do not cover the ventilation holes.
- The product is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical shock and malfunction.
- When unplugging the product from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the product with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the product is damaged to such an extent that internal parts are visible, do NOT plug the product into a mains outlet and DO NOT switch the unit on. Contact your dealer. Do NOT connect the product to a rheostat or dimmer.
- To avoid fire and shock hazard, do not expose the product to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the product to an earthed mains outlet (220- 240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the product will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the product has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the product in humid rooms or outdoors.
- To prevent accidents in companies, you must follow the applicable guide lines and follow the instructions.
- Do not repeatedly switch the product on and off. This shortens the life time.
- Keep the product out of the reach of children. Do not leave the product unattended.

- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Do not force the controls.
- If this product is with speaker inside which can cause magnetic field. Keep the product at least 60cm away from computer or TV.
- If this product have a built-in lead-acid rechargeable battery. Please recharge the battery every 3 months if you are not going to use the product for a long period of time. Otherwise the battery may be permanently damaged.
- If the battery is damaged please replace with same specifications battery. And dispose the damaged battery environment friendly.
- If the product has fallen, always have it checked by a qualified technician before you switch the product on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the product with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the product off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the product.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this product.
- Keep the original packing material so that you can transport the product in safe conditions.



This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.



This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

The product has been certified CE. It is prohibited to make any changes to the product. They would invalidate the CE certificate and their guarantee!

NOTE: To make sure that the product will function normally, it must be used in rooms with a temperature between 5°C/41°F and 35°C/95°F.



Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

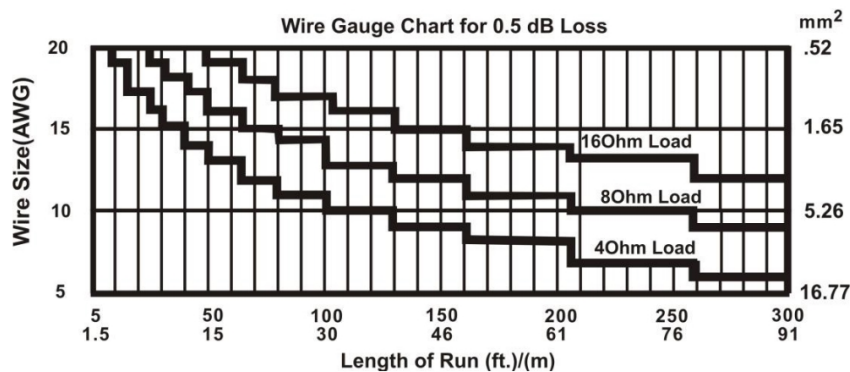
Do not attempt to make any repairs yourself. This would invalid your warranty. Do not make any changes to the product. This would also invalid your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. Vonyx cannot be held responsible for personal injuries caused by a disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.

CABLE CONNECTION

This range of speakers features 4-p loudspeaker connectors. These connectors are hooked in a parallel “loophrough” configuration for connection to additional speakers. For optimum performance it’s important to use cables specifically designed for speaker use. Do not use shielded “guitar” signal cables for connection to these speakers.

Selection of the appropriate wire gauge is important for system operation. A cable that is too light will result in amplifier power being wasted due to the series resistance of the cable. In addition, loss of low-frequency performance may be experienced due to a degraded damping factor. The chart below illustrates the appropriate minimum wire gauge for various cable lengths and speaker impedance combinations.

When using this chart, keep in mind that two 8 Ohm parallel linked speakers will equal a 4 Ohm load (see “looping speakers”).



Looping speakers

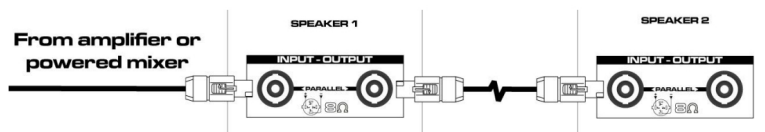
Running too many speakers from a single amplifier channel may result in damage to the amplifier and/or in degraded audio performance. To calculate the combined impedance of multiple identical speakers in parallel, please use the formula below:

Impedance of a single speaker/Number of speakers connected in parallel= Amplifier load

Refer to your power amplifiers owner’s manual, for information on minimum recommended load impedance.

INPUT PANEL

The two jacks on the rear panel of this series of speakers are wired parallel. This means whatever you plug in to either of the two jacks is available to “patch out” from the other jack to another loudspeaker.



TROUBLESHOOTING

One certain method of determining if a speaker is faulty is to substitute a speaker that is known to work correctly for the suspected problem speaker. If the “normally correct speaker” is experiencing the same difficulties or problems as the suspected problem speaker, use the information below to isolate the problem.

No output

- **Possible cause:** Action
- **Speaker cables:** Reseat all connectors Substitute known good speaker cables Check solder joints Tighten set-screws on the banana connectors or 4-p connectors Inspect cable for damage Inspect wire or connector for

stray strand that may short

- **Amplifier:** Make sure the amplifier channel is being fed a signal. Most amps have a “signal input” LED to indicate the presence of a signal. Re-patch the speaker to an amplifier channel that is known to work.

Intermittent

- **Possible cause:** Action
- **Poor connections:** While it is possible for a faulty speaker to exhibit intermittent output, it’s more likely that an output cable/connector is the problem. Check the soldering on your connectors. Tighten the set-screws on the banana connectors or 4-p connectors.

Constant noise, buzzing and/or humming

- **Possible cause:** Action
- **Faulty electronic the signal:** Any constant noise originates in the amplifier, mixer, signal processing, source device in devices, or line-level wiring. Check and correct system grounding as required. chain check for noisy sources or electronic components. Check wiring for shielding.

Poor low-frequency output

- **Possible cause:** Action
- **Improper polarity:** When two speakers in close proximity to each other are connected out-of-polarity, they can partially cancel each other out, especially at low frequencies. Check your speaker cables to be sure they are all identically wired and connected. Check the balanced line signal cables to be sure they are all correctly wired.

TECHNICAL SPECIFICATION

	VSA10P	VSA12P	VSA15P
Ref. nr.:	170.377	170.378	170.380
Input Connections	NL-4		
Output Connections	NL-4		
Output Power Max	500W	800W	1000W

Output Power	250W	400W	500W
Frequency Response	60Hz – 18KHz	40Hz — 20kHz	35Hz — 20kHz
Diameter Tweeter			1.35"
Diameter Woofer	10"	12"	15"
Magnet Type	Ferrite		
Impedance	8 Ohm		
SPL max.	118dB	125dB	129dB
Dimensions (LxWxH)	310 x 265 x 480mm	315 x 380 x 595mm	360 x 420 x 680mm
Weight	7,60 kg	10,50 kg	13,70 kg

The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

The products referred to in this manual conform to the European Community Directives to which they are subject:

European Union



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2014/35/EU

2014/30/EU

2011/65/EC

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S.I. 2016:1091

S.I. 2012:3032


Specifications and design are subject to change without prior notice..

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Documents / Resources

	<p>VONYX VSA10P VSA Passive Speaker [pdf] Instruction Manual</p> <p>VSA10P VSA Passive Speaker, VSA10P, VSA Passive Speaker, Passive Speaker, Speaker</p>
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References

-  [Stibat](#)
-  [Stibat](#)
-  [Sound & Light distributor - Tronios.com](#)
-  [Inleveren is terugkrijgen - Wecycle](#)
-  [Inleveren is terugkrijgen - Wecycle](#)