Z - Bass Unit

OPERATION MANUAL



ENJOY AN AMUSEMENT OF A LISTENING YOU NEVER EXPERIENCED BEFORE

Thank you for using the Voxativ Z-Bass system. Please read this operation manual carefully before using.

Ⅰ SPECIFICATIONS

■ Power Handling	240 W
■ Frequency response	20Hz ~ 200Hz
■ Weight	35 lbs. (16 kg)
■ Line in	22 KOhms/170 mV, max 7 V
■ High Level in	270 Ohms/1 V, max: 20 V
■ Dimension	12x12x13”(WxHxD) (30x30x32,5cm)
■ Power consumption	115V/1700 Wmax – 230V/840Wmax

Ⅱ IMPORTANT SAFETY INFORMATION

- Be careful when carrying in order to avoid damaging.
- To reduce the risk of electric shock, don’t remove the amplifier.
- Don’t attempt to repair the product by yourself.
- No user serviceable parts inside. Refer servicing to qualified service personal.
- Keep liquid away from the amplifier. If you spill liquid into the unit, pull out the power plug at once and consult your dealer.

III WARRANTY SERVICE

- This product is warranted for a period of 2 years beginning from the date of purchase.
- The warranty is limited to the original buyer. Normal warranty is 12 months.
- The defective product must be returned to your dealer or our company for repairing when your dealer or our company accepts your requirement.
- The warranty doesn’t extend to any product that has been opened by you

without permission of our company.

IV OPERATION INSTRUCTIONS

A) **OPENING THE PACKAGE**

Please check carefully whether there is any damage with the box before you open it. If there are please refuse to collect it from the carrier and report within 7 days to your dealer. Put it on a flat surface with the arrow upward. Rip away the sealed tape and open each carton, then you'll find:

1. One Z-bass unit
2. one set of spikes
3. one operation manual

Note: Be sure to use this amplifier only at rated voltage. Please check whether the rated voltage marking on the plate corresponds to your line voltage. If not, please contact your dealer or adjust.

Suggestion: Please keep the carton and the other wrappings well, perhaps you'll use them when you will move the amplifier.

B) **CONNECTING THE WOOFER AMPLIFIER**

Connect the signal output of your Preamplifier to one the RCA input sockets market as Line In with a high quality screened signal cable. Voxativ cabling is recommended. If you don't have a free Line In output on your Preamplifier please ask your dealer about an original Voxativ Y – Adaptor or use high level input

Use the Right Input for the Right Channel and the Left Input to the Left Channel.

Note: To prevent damage to the circuit, never short-circuit positive (+) and negative (-) speaker terminals.
Ensure that the Amplifier is not connected to the AC LINE before everything is connected.

Connect the power cord to the AC Input on the panel and then connect it to your power outlet.

Note: The receptacle which the amplifier power cord is connected to must be the 3-pin grounding type.

Be sure to use at rated voltage. Please check whether the rated voltage marking on the back plate corresponds to your line voltage. If not, please contact your dealer.

Note: Before you switch on the Amplifier ensure that all other components of your system are switched on.
Switch off the amplifier as the first unit before you switch off anything else.

Ensure that the SUB Level is set to zero before switching it on for the first time



Graph 1: Voxativ PI Bass amplifier panel

D) **Adjusting the Z Bass**

When you are sure all connections are correct and the SUB Level of the amplifier is set to minimum, press the power knob on the panel. The power-LED will light up and show you that the unit is running in preheat mode. After a delay of 10 seconds the amplifier is in work condition.

Note: Only the SUB Level and SUB Crossover are used in this starting phase. Please ensure that all other regulators are set to zero.

As a first setup please set the regulators as follows:

1. Please set the Sub crossover to 120Hz – This is the optimal value for the Voxativ Zeth and Hagen systems. Higher values will cause too much voices coming out of the woofers. Lower values will cause a gap in your frequency response.

2. Please adjust the Sub level of the amplifier section in that way until you have a suitable bass reproduction. Start with half level

3. Phase correction is only used if the woofers are not in a geometrical line with the upper Speaker and placed somewhere in the room. Sometimes 180° are better than 0

E) **Phase adjustments**

If one or two Voxativ Z Bass systems are used as subwoofers and are not placed in one acoustical line with your main speakers, please follow the instructions below:

1. Place the woofers where ever you want
2. Take care that the crossover frequency is always lower than 70Hz. If higher you can audit music from the woofers coming from unwanted areas in your room
3. Use the phase correction as long as you feel that the music from woofers and main speakers reach your ear in the same moment.

Note: To prevent damage to your amplifier or speaker, never disconnect the input or power cable during the unit is running.

VI TROUBLESHOOTING

Basic troubleshooting of an amplifier is similar to troubleshooting of any other electrical or electronic equipment. Always check the most obvious possible causes first. To give you a few ideas of what to look for, check the following.

Problem	Cause	Remedy
No power when POWER is pressed.	Mains plug not inserted correctly. The fuse is broken.	Plug in securely. Replace the fuse with a good one of the same model.
The location of music is not fine.	L and R of input or output are mistaken or positive and negative of speaker terminal is mistaken.	Reconnect it.
No sound.	Volume control is set to minimum. Source Selector set to wrong. Speakers are not connected. Wrong input is selected.	Turn up the volume. Check Selector. Check speaker cables. Check input selection.
The noise is overloud.	Not fine signal shielded cable. The signal cable, power supply cord and the video frequency cable are placed too close or get tangled up. Components or circuits are in trouble.	Replace the signal cable with a good one. Put the connections in good order. Keep the signal cable away from the others. Contact your dealer.

VII VOXATIV WARRANTY

Voxativ products are covered by a 1-Year Limited Warranty for Electronics, and a 90 days Limited Warranty on vacuum tubes. Loudspeakers have a 10 Years warranty that is given to the first customer only. This Limited Warranty initiates from the date of purchase, and is limited to the original purchaser, or in the case of demonstration equipment, limited to the balance of warranty remaining after original shipment to the retailer or importer.

Nevertheless, we will not support the warranty for the following points:

- Damage, fault or failure due to alteration or repairs made by anyone other than us, or the use of supplies and accessories other than those manufactured by us.
- Damage, fault or failure due to causes beyond Our control including, but not limited to, repairs necessary due to operator negligence, improper installation, damage caused by spillage of foods/liquids, wrong usage of electrical supply and voltage, abnormal voltage, excessive heat, dust, corrosive surroundings, chemical reaction, failure to maintain the Product, failure to operate or use the Product according to instructions, accident, mishandling, misuse, tampering, vandalism, theft, fire, lightning, flood, wind, freezing, power failure, static, normal wear and tear, pests, vermin, foreign matter entering the Product, inadequate or excess power supply, unusual atmospheric conditions, or acts of war.
- Damage, fault or failure resulting from software, virus(es), electrical wiring and connections, user facilitated minor adjustments and settings, external antenna or local reception problems, structural problems of Your premises, inaccessible Products or parts, negligence, misuse, tampering or abuse, whether willful or not.
- Damage, fault or failure due to improper transportation, inappropriate storage conditions or materials, improper ventilation, reconfiguration of the Product, movement of the Product.
- Damage, fault or failure due to or arising out of, transit or delivery, packing, unpacking, assembly, installation, routine maintenance, dismantle, relocation or removal.
- Non failure problems that do not require parts and intermittent issues, including without limitation, reception and/or incompatibility issues, demonstration, training, reminders, adjustments, set-up, installations, battery change, replenishing of consumables, short circuit, routine maintenance and servicing, periodic checkups, cleaning, checking of improper operation or incorrect use. We will not pay for adjustments or repairs required because of conditions at Your location or specific to You.
- Products where the serial number is removed, defaced or made illegible, parallel imported sets, products purchased overseas or from non-authorized

dealers or retailers, second hand sets, products sold "AS IS", "REFURBISHED" or bearing similar notations.

- Cosmetic defects, reduced or impaired functionality, reduced lifespan or limitations of Products which, in our records indicate, are second hand, "Used", "Refurbished", "Open Set" or "Display Sets".
- Any utilization of Product that is inconsistent with either the design of the Product or the way the manufacturer intended the Product to be used. Any installation and/or modifications that prevents normal service. Any and all cases in which a reasonable manufacturer of such a product would not honor the warranty of the Product.
- Normal wear and tear and cosmetic damage such as, but not limited to corrosion, scratches, dents, rust, stains. Non-functional parts such as, but not limited to, plastics and finishes. Expendable or lost items, such as, but not limited to cables, ear buds or head phones.
- Consumables. Consumables are defined as any part or component of an expendable nature and/or any item that is designed to be consumed (wear out) during the life of the Product, regardless if it is consumer replaceable or not and whether such consumables originate from us or not.
- Consequential losses and/or damages as a result of malfunctioning of, damage to, failure of an operating part of the covered Product, or damages, fault or failure as a result of any repairs or replacements under this warranty. Damages, fault or failure caused by delays in rendering of our services or loss of use during servicing or otherwise awaiting parts are not covered. You are responsible for creating backups of all your data and software on a regular basis.
- Damages, fault, failure, imperfections, caused by abuse, tampering, illegal use, negligence, prolonged use or operation.
- Products that are leased, rented, used exceeding normal limits, used continuously and/or subject to abuse, unreasonable, abnormal or extreme operations.
- Warranty card is altered, defaced or erased in any manner whatsoever. Through a claim of our warranty the original warranty period will be neither extended nor will a new warranty period be started. So if you have a complaint, please contact your dealer or directly to our
  Technical Support under the phone number: +49 (0) 30 / 2100 5662

VIII NOTICE

The information in this manual is subject to change without notice.

Copyright Voxativ GmbH, 2017