

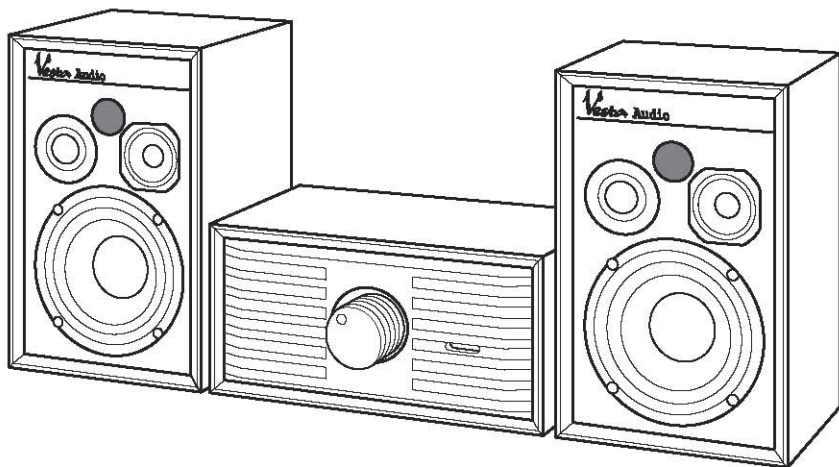
Vesta Audio

VMA-10

MICRO AUDIO SYSTEM

OWNER'S MANUAL

FCC ID:I6NVMA-10



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Thank you for purchasing Vesta Audio, MICRO AUDIO VMA-10.
Please read through this manual before using the speakers.

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CAUTION



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE

Changes or modifications may cause this unit to fail to comply with Part 15 of the FCC Rules and may void the user's authority to operate the equipment.

IMPORTANT SAFEGUARDS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. **Read Instructions**-All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions**-The safety and operating instructions should be retained for future reference.
3. **Heed Warnings**-All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions**-All operating and use instructions should be followed.
5. **Cleaning**-Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. **Attachments**-Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **Water and Moisture**-Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
8. **Accessories**-Do not place this product on an unstable cart, stand, tripod, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. **This product should never be placed near or over a radiator or heat register.** This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. **Power sources**-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company.
11. **Lightning**-For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.
12. **Overloading**-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
13. **Object and Liquid Entry**-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
14. **Servicing**-Do not attempt to service product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel.

4. Placement

Because VMA-10 is a highly precise wooden product, please refrain from locating the unit in high temperature and humid condition, and avoid from direct sunlight. In order to get richer sound effects, install the unit in a location that the sound easily reflects.

Bluetooth® function is inside of VMA-10 power amplifier. In order to get a good reception, please avoid from putting something in front of the unit or metallic products around the unit. These may cause impediment of the radio transmission.

Please refrain from putting a television or a microwave oven around the unit. These may cause noise on Bluetooth when they are in use.

5. Maintenance

Please wipe down the unit with a soft, dry cloth regularly. Do not wipe with a wet cloth. Never apply chemical liquids such as cleansers, thinners, benzene and pesticides, on the unit.

Please refrain from touching a speaker cone and shutting a vent for the bass reflex system.

When cleaning of the power amplifier's cabinet, make sure not to loosen connection with speaker cables. When it loosens, tighten it up again.

Never open a rear panel of the unit or break down the unit

1. Main Features

Newly-developed 40mm Full - Range Speaker, VAS-40F

VAS-40F has been developed from a concept of making a small full-range speaker unit. It replicates live music and the atmospheres, and fills with rich sounds in a room. We have spent a year thoroughly to make a big improvement in a paper speaker cone, a damper and a dust cap. In addition, we use a highly effective magnetic circuit in order to achieve outstandingly clear and balanced sounds.

Handmade Solid Walnut Wood Enclosure

A speaker enclosure has a huge impact on its acoustic characteristics like musical instruments. In order to make an effective and accurate speaker system, we freely use well-seasoned, solid walnut wood for the enclosure. In addition, we adopt a 2mm-thick steel baffle plate to hold the speaker unit tightly.

Well-Coated Walnut Wood

Wooden parts have been coated carefully. Finishing with Danish oil has made more elegant appearance and has achieved superior acoustic characteristics. Enjoy the feeling of real walnut woods and the sound.

Bluetooth®

Bluetooth® function is inside of VMA -10 power amplifier. It enables to play songs wirelessly over short distances by using 2.4GHz band short - wavelength radio waves. To use this function, prepare a Bluetooth device.

Powerful AC Adapter

The AC adapter has a wide range of power input. We adopt a switch-mode power supply that covers from AC100V up to 240V.

2. Bluetooth

Bluetooth is a short-range wireless technology standard. It enables to play songs wirelessly over short distances. Recent electrical appliances such as cell phones, smartphones, tablet computers, and computers, normally have this function.

A. Specifications

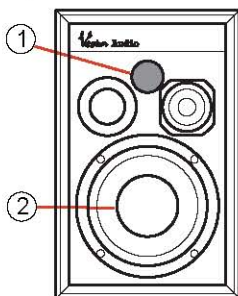
Class	: Class 2
Maximum permitted power	: 2.5mW
Range	: 10m
Version	: Version 2.1+EDR
Profile	: Advanced Audio Distribution Profile (A2DP)
Audio/ Video Remote Control Profile (AVRCP)	

Part Names and Functions

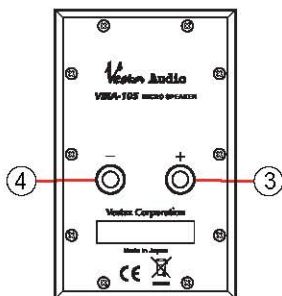
1. Front Panel/ Rear Panel of VMA-10 Speaker

There are 2 types of the front panel design although the rear panel is the same design.

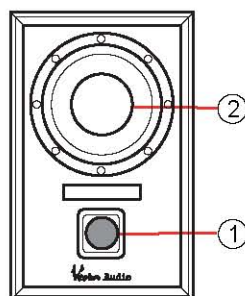
[VMA-10J Front Panel]



[VMA-10A/J Rear Panel]

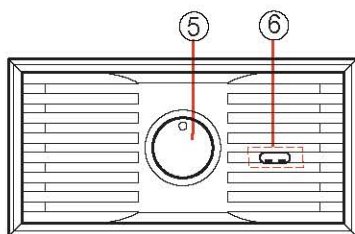


[VMA-10A Front Panel]



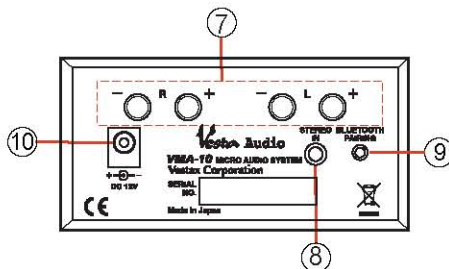
- ① Bass Reflex Vent
- ② Full Range Speaker unit
- ③ Gold Plated Speaker Terminal[+]
- ④ Gold Plated Speaker Terminal[-]

2. Front Panel of VMA-10 Power Amplifier



- ⑤ Power/ Level Knob
- ⑥ Power/Bluetooth Indicator/
Power ON : Lights red
Power OFF : Indicator light is OFF
Pairing with a Bluetooth device:
Flashes blue light
Paired with a Bluetooth device:
Lights blue

3. Rear Panel of VMA-10 Power Amplifier



- ⑦ Output Terminals (L/R)
The power amplifier output
- ⑧ Stereo Mini Jack Input
3.5mm stereo mini phone jack input
- ⑨ Bluetooth Pairing Button
Use to pair VMA-10 with
a Bluetooth device
- ⑩ Power Terminal.
Use to connect the accessory
AC Adapter to this socket

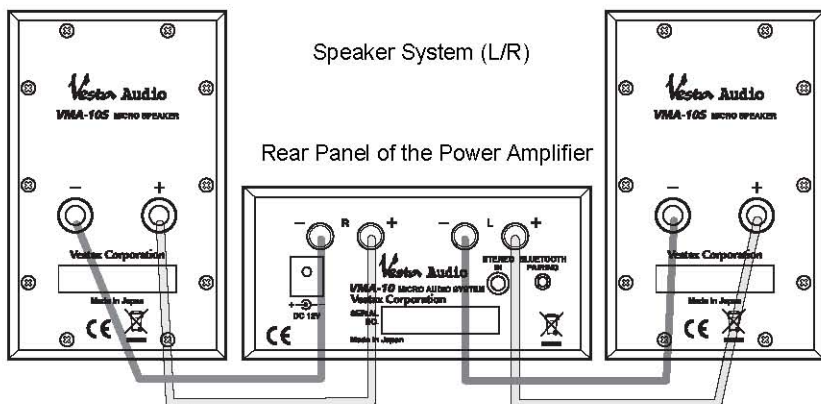
1. Connecting Inputs/ Outputs

Connect Positive (+) Electrode Speaker Terminal [Red] to the positive (+) Output Terminals (L/R) with the accessory white speaker cables. Similarly, connect Negative (-) Electrode Speaker Terminal [Black] to the negative (-) Output Terminals (L/R) with the accessory black speaker cables.

When connecting the speaker cables to Input/ Output, make sure insert a tip of speaker wire to each terminal.

<CAUTION>

Before displacing the speaker cable(s), please make sure to turn off the power beforehand. Otherwise, it may cause damages to the power amplifier.



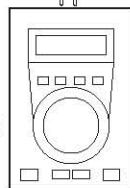
2. Connecting the Power Adapter

After finishing to connect the speaker cables, connect the accessory power adapter to the power terminal.



3. Connecting External Music Player

Use a 3.5mm stereo mini phone jack cable and connect it to an external music player's output. For instance, when wanting to play some songs from a CD player, check output terminal of the player first. If the output has RCA pin jacks, need a 3.5mm stereo mini (male) to RCA cable to connect. In addition, if wanting to play music from iPhone® or iPad®, need a 3.5mm stereo mini (male) to 3.5mm stereo mini (male) cable.



Using Bluetooth

1. Connecting Smartphone

1. When turning on the unit, Power/ Bluetooth Indicator turns red light and flashes blue light at the same time.
2. Turn Bluetooth function on a smartphone, and tap the device name, "Vestax 1."
3. Once paired with the device, the indicator will stop flashing, and then will light blue.
4. If no device is paired, hold Bluetooth Pairing Button. When hearing a short beep, release the button. The Indicator will flash blue light shortly. Then, repeat 2-3.

2. Connecting iOS Device (iPad/ iPad Mini/ iPhone/ iPod touch)

1. When turning on the unit, Power/ Bluetooth Indicator turns red light and flashes blue light at the same time.
2. Go to the Home Screen, tap "Settings," then "Bluetooth."
3. Turn Bluetooth function on an iOS device, and tap the device name, "Vestax 1."
4. Once paired with the device, the indicator will stop flashing, and then will light blue.
5. If no device is paired, hold Bluetooth Pairing Button. When hearing a short beep, release the button. The Indicator will flash blue light shortly. Then, repeat 2-4.

3. Connecting Android Device

1. When turning on the unit, Power/ Bluetooth Indicator turns red light and flashes blue light at the same time.
2. Go to "Settings," then tap "Bluetooth."
3. Turn Bluetooth function on an Android device, and tap the device name, "Vestax 1."
4. Once paired with the device, the indicator will stop flashing, and then will light blue.
5. If no device is paired, hold Bluetooth Pairing Button. When hearing a short beep, release the button. The Indicator will flash blue light shortly. Then, repeat 2-4.

4. Connecting a Computer (Windows Vista)

1. When turning on the unit, Power/ Bluetooth Indicator turns red light and flashes blue light at the same time.
2. Click the Start button, Control Panel, Hardware and Sound, and then click Bluetooth Devices on your computer.

-
3. Click option tab in the Bluetooth Devices dialog box and then select the Allow Bluetooth devices to find this computer check box.
 4. Click Add a device, and then click the device name, "Vestax 1."
 5. Click the Service tab, select the check box next to the service, and then click OK.
 6. Once paired with the device, the indicator will stop flashing, and then will light blue.
 7. If no device is paired, hold Bluetooth Pairing Button. When hearing a short beep, release the button. The Indicator will flash blue light shortly. Then, repeat 2-6.

5. Connecting a Computer (Windows 7)

1. When turning on the unit, Power/ Bluetooth Indicator turns red light and flashes blue light at the same time.
2. Click the Start button, and then click Devices and Printers.
3. Select a device, "Vestax 1," and then click "Next."
4. Once paired with the device, the indicator will stop flashing, and then will light blue.
5. If no device is paired, hold Bluetooth Pairing Button. When hearing a short beep, release the button. The Indicator will flash blue light shortly. Then, repeat 2-4.

6. Connecting a Computer (Windows 8)

1. When turning on the unit, Power/ Bluetooth Indicator turns red light and flashes blue light at the same time.
2. Go to the Start screen and then the Charms bar.
3. Click the Settings and then the Change PC setting button.
4. Click the Device and then the Add a device button.
5. Select the device name, "Vestax 1."
6. Once paired with the device, the indicator will stop flashing, and then will light blue.
7. If no device is paired, hold Bluetooth Pairing Button. When hearing a short beep, release the button. The Indicator will flash blue light shortly. Then, repeat 2-6.

7. Connecting a Computer (Mac OS X)

1. When turning on the unit, Power/ Bluetooth Indicator turns red light and flashes blue light at the same time.
2. Go to the System preferences and click Bluetooth.
3. Click "+" icon, and then click Turn Bluetooth on.
4. Select the device name, "Vestax 1."
5. Once paired with the device, the indicator will stop flashing, and then will light blue.
6. If no device is paired, hold Bluetooth Pairing Button. When hearing a short beep, release the button. The Indicator will flash blue light shortly. Then, repeat 2-5.

Specification

<Power Amplifier>

Cabinet	: Solid walnut wood (Oil finished)
Input Terminal	: 3.5mm Stereo mini phone jack
Nominal Input Level	: -10dBV
Maximum Input Level	: 0dBV
Receiving System	: Built-in PCB Antenna
Speaker Output Terminal	: 10mm Binding Post [(+)/(-) Silver plated]
Maximum Output Level	: 7w+7w
Frequency Characteristic	: 50Hz - 20kHz(±2dB)

<Speaker>

Enclosure	: Solid walnut wood (Oil Finished) Front - vented, Bass reflex system
Input Terminal	: 12mm Gold plated binding post, [(+) Red/ (-) Black]
Speaker Unit	: 40mm Effective diameter full - range uni
Playback Frequency Range	: 80Hz - 20kHz

<Other>

Power Supply Adapter	: Input voltage AC100V - AC240V 50/60Hz (Switch mode power supply) Output voltage DC12V 2A max [5.5mm plug, center positive polarity type]
Power Consumption	: Up to 24W
Weight	: Power Amplifier - 300g Speaker (Each) - 340g Power Adapter - about 150g
Dimensions (without knobs)	: Power Amplifier 54(W) x 107(H) x 64(D) mm Speaker 67(W) x 107(H) x 64(D) mm Power Supply Adapter 34(w) x 75 (H) x 43 (D) mm Power Supply Cable about 1.5m

<Accessories>

Oxygen - Free Copper (OFC) Speaker Cable (approximately 280mm length, pair)	2
Power Supply Adapter (DC12V outlet)	1
Owner's Manual	1

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.