



Power Dynamics PV240BT Amplifier System Instruction Manual

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Power Dynamics PV240BT Amplifier System



Product Information

Specifications:

- Product Name: PV240BT Amplifier System
- Reference Number: 953.032
- Manual Version: V1.4

Product Usage Instructions

Safety Precautions:

- Before using the unit, please ask for advice from a specialist.
- When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage-carrying parts. Therefore, do NOT open the housing.
- Do not place metal objects or pour liquids into the unit. This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc.
- Do not place the unit on a vibrating surface.
- Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- Be careful with the mains lead and do not damage it.
- Do not repeatedly switch the fixture on and off. This shortens the lifetime.
- Keep the unit out of the reach of children. Do not leave the unit 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.

Warning:

This unit is with a speaker inside which can cause electric shock. The user should exercise caution when handling the unit.

Disposal and Warranty:

Electric products must not be put into household waste. Please bring them to a recycling center. Ask your local authorities or your dealer about the way to proceed. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. Power Dynamics cannot be held responsible for personal injuries caused by disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.

Unpacking Instruction:

Follow the steps below to unpack the PV240BT Amplifier System:

1. Remove the product from its packaging.
2. Check for any visible damage.
3. Ensure all included accessories are present.

Power Supply:

The power supply for the PV240BT Amplifier System is indicated on the label on the backside of the product. Make sure to connect the appropriate type of power supply as specified. Check that the mains voltage corresponds to the specified voltage, as using other voltages may irreparably damage the light effect. The product must be directly connected to the mains and should not be used with a dimmer or adjustable power supply.

Frequently Asked Questions (FAQ):

- Q: Can I open the housing of the unit?
A: No, you should not open the housing as it contains voltage-carrying parts. Opening the housing can be dangerous and may cause electrical shock.
- Q: Can I place metal objects or pour liquids into the unit?
A: No, placing metal objects or pouring liquids into the unit can cause electrical shock and malfunction. Please avoid doing so.
- Q: Can I use cleaning sprays to clean the switches?
A: No, using cleaning sprays to clean the switches can cause deposits of dust and grease, leading to malfunction. Seek advice from a specialist in case of switch-related issues.

IMPORTANT INSTRUCTION

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

Read the manual prior to using the unit. 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 unit, please ask advice from a specialist. When the unit is switched on for the first time, some

smell may occur. This is normal and will disappear after a while.

- The unit contains voltage carrying parts. Therefore, do NOT open the housing.
- Do not place metal objects or pour liquids into the unit This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit 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 unit from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the unit on. Contact your dealer.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the unit to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the unit 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 unit 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 unit in humid rooms or outdoors.
- To prevent accidents in companies, you must follow the applicable guidelines and follow the instructions.
- Do not repeatedly switch the fixture on and off. This shortens the lifetime.
- Keep the unit out of the reach of children. Do not leave the unit 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.
- This unit is with speaker inside which can cause magnetic field. Keep this unit at least 60cm away from computer or TV.
- If this product has 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 unit has fallen, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit 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 unit off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the unit.
- 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 unit.
- Keep the original packing material so that you can transport the unit 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 unit has been certified CE. It is prohibited to make any changes to the unit. They would invalidate the CE certificate and their guarantee!

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

DISPOSAL

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 unit. 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. Power Dynamics 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.

UNPACKING INSTRUCTION

CAUTION! Immediately upon receiving the product, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damage from shipping or the package itself shows signs of mishandling. Save the package and all packing materials. In the event that the product must be returned to the factory, it is important that the product be returned in the original factory box and packing.

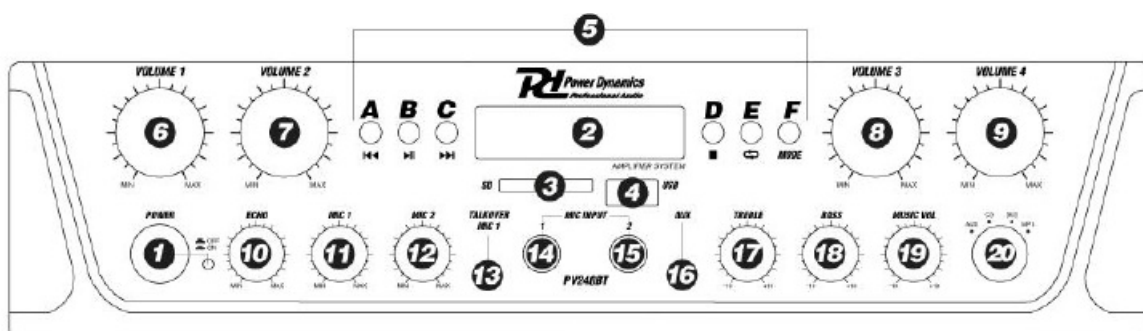
If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

POWER SUPPLY

On the label on the backside of the product is indicated on this type of power supply must be connected. Check that the mains voltage corresponds to this, all other voltages than specified, the light effect can be irreparably damaged. The product must also be directly connected to the mains and may be used. No dimmer or adjustable power supply.

Always connect the device to a protected circuit (circuit breaker or fuse). Make sure the device has an appropriate electrical ground to avoid the risk of electrocution or fire.

FRONT AND BACK PANEL



1. POWER ON/OFF SWITCH

Press this button to ON/OFF the unit.

2. LED DISPLAY SCREEN

To display the input sources and track time information

3. SD CARD SLOT

Insert your SD Card to play MP3 files.

4. USB PORT

This is the USB port where you insert your USB mass storage device for playing MP3 files.

NOTE: The USB input is only meant to connect to a USB flash drive. Connecting an MP3 player or computer directly to the USB-flash drive input will result in the unit failing to play the audio from those devices.

5. CONTROL BUTTONS

1. A. PREV BUTTON: Use this button to select each of the functions depending on these three different modes as below.

1. In USB/SD/BT mode, use to select previous track.
2. In FM mode, use to select the previous channel.
3. In FM/BT mode, holding this button will decrease the volume.

2. B. PLAY/PAUSE BUTTON: Each pressing of the PLAY/PAUSE BUTTON causes the operation to change from play to pause or from pause to play in the USB/SD mode or BT mode.

1. Press the PLAY/PAUSE BUTTON one time to auto-scan all frequencies from 87.5MHz to 108MHz in FM mode, the unit will auto-store the channels.

3. C. NEXT BUTTON: Use this button to select each function depending on these three different modes as below.

1. In USB/SD/BT mode, use to select the next track
2. In FM, use to select the next channel.
3. In FM/BT holding this button will increase the volume.

4. D. STOP BUTTON: Use this button to stop the playing of music.

5. E. REPEAT BUTTON: This button allows you to play the music in repeat mode (All or Single mode)

All tracks in the USB or SD CARD will be repeated in order without interruption. SINGLE Repeat the track that was currently playing.

6. F. MODE BUTTON Press this button to select one of the play modes with USB/SD mode, FM mode and BT mode, automatically set in USB/SD mode after turning on the unit, and automatically play mp3 files after inserting a USB -flash driver or SD card.

STEPS FOR CONNECTING WITH BT DEVICE

Once paired you can play music from your BT device. You can also use the control buttons on the unit to select the tracks from your BT device.

1. Press the MODE button to choose BT mode, BLUE shows on display.
2. Search on your BT device for the name "PV SERIES".
3. Select "PV SERIES" and wait for the device to pair.
4. The PV240BT will emit sound confirming that the devices have successfully paired.

6. VOLUME 1 CONTROL KNOB

Turn this knob to adjust the volume of Channel 1.

7. VOLUME 2 CONTROL KNOB

Turn this knob to adjust the volume of Channel 2.

8. VOLUME 3 CONTROL KNOB

Turn this knob to adjust the volume of Channel 3.

9. VOLUME 4 CONTROL KNOB

Turn this knob to adjust the volume of Channel 4.

10. ECHO EFFECT CONTROL KNOB

Turn this knob to adjust the microphone echo level.

11. MICROPHONE 2 VOLUME KNOB

Turn this knob to adjust the volume of MIC2

12. MICROPHONE 1 VOLUME KNOB

Turn this knob to adjust the volume of MIC1.

13. TALK OVER

Press this button to lower the music when use the microphone 1 input.

14. MICROPHONE INPUT 1 JACK

MIC 1 Input Jack for connecting an unbalanced low impedance microphone with 6.35mm (1/4") jack connector.

15. MICROPHONE INPUT 2 JACK

MIC 2 Input Jack for connecting an unbalanced low impedance microphone with 6.35mm (1/4") jack connector.

16. AUX INPUT

Connects to an MP3 player or phone with 3.5mm Jack.

17. TREBLE

Turn this knob to adjust the high frequencies of Channel 1/2/3/4.

18. BASS

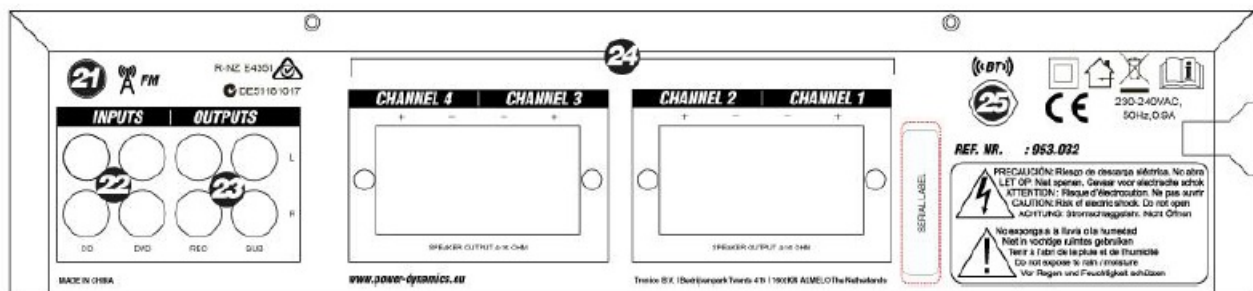
Turn this knob to adjust the low frequencies of Channel 1/2/3/4.

19. MUSIC VOLUME CONTROL KNOB

Turn this knob to adjust the master music volume.

20. INPUT SELECTOR

Turn this button to choose the favorable input.



21. FM ANTENNA CONNECTOR

Connect for FM antennas.

22. AUDIO INPUT RCA CONNECTOR

Connect the audio output jacks of DVD/CD, to these jacks.

23. LINE OUTPUT

Connect the audio/Subwoofer input RCA jacks of other devices, to these RCA jacks.

24. SPEAKER OUTPUT

25. BT ANTENNA

Aim the antenna at an angle of 45 degrees when using BT audio.

TECHNICAL SPECIFICATION

- Rated voltage : AC 110-240V 50/60Hz
- Output Power Max: 4x 100Watt
- Impedance: 4 / 8 Ohm
- Frequency response: 20Hz – 20kHz
- Signal-to-noise ratio : >85dB
- Dimensions per unit: 330 x 250 x 90mm Weight (per unit) : 4,80 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 is conforming European and UK legislation directives to which they are subject:

European Union

Tronios B.V., Bedrijvenpark Twente Noord 18, 7602KR Almelo, The Netherlands

- 2014/35/EU
- 2014/30/EU
- 2011/65/EC


United Kingdom

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- S.I. 2016:1101
- S.I. 2016:1091
- S.I. 2012:3032

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Documents / Resources

 <p>Power Dynamics Professional Audio PV240BT Amplifier System Ref. 953.032</p> <p>INSTRUCTION MANUAL BEDIJFGEWIDSTEXT BEDIJFGEWIDSTEXT MANUAL DE INSTRUCCIONES MANUAL D'ISTRUCCIONS</p>	<p>Power Dynamics PV240BT Amplifier System [pdf] Instruction Manual 953.032, PV240BT Amplifier System, Amplifier System, System</p>
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References

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-  [Sound & Light distributor - Tronios.com](#)
-  [Wecycle Homepage - Wecycle](#)
-  [Wecycle Homepage - Wecycle](#)
- [User Manual](#)