

Power Dynamics PV240BT

Power Dynamics PV240BT 4-Zone HiFi Stereo Amplifier User Manual

Model: PV240BT | Brand: Power Dynamics

INTRODUCTION

Thank you for purchasing the Power Dynamics PV240BT 4-Zone HiFi Stereo Amplifier. This manual provides essential information for the safe and efficient operation of your amplifier. Please read this manual thoroughly before using the device to ensure proper setup and to maximize its performance. Keep this manual for future reference.

SAFETY INSTRUCTIONS

Always observe the following safety precautions to avoid electric shock, fire, or damage to the unit.

- Do not expose the unit to rain or moisture.
- Do not open the casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the unit. Do not block ventilation openings.
- Place the unit on a stable, level surface.
- Disconnect the power cord from the mains before cleaning or when not in use for extended periods.
- Use only the specified power supply.
- Keep the unit away from heat sources, direct sunlight, and excessive dust.

PACKAGE CONTENTS

Upon unpacking, please ensure all items listed below are present and in good condition:

- Power Dynamics PV240BT Amplifier Unit
- Instruction Manual
- Remote Control
- Power Cable

PRODUCT FEATURES

The Power Dynamics PV240BT amplifier offers a range of features designed for versatile audio applications:

- Multi-zone HiFi stereo amplifier with 4x 100W output across four separate zones, each with independent volume control.

- Built-in Bluetooth 4.2 receiver for reliable wireless audio streaming from smartphones, tablets, or laptops.
- Integrated USB/SD MP3 player and FM radio with digital LCD display.
- AUX input for connecting external audio devices.
- Dual microphone inputs with separate volume dials and echo effect, plus talkover function.
- Optical/coaxial ports, dual RCA in/out, and subwoofer output for comprehensive connectivity.
- Includes a remote control for convenient operation.

PRODUCT OVERVIEW



Figure 1: Front view of the Power Dynamics PV240BT amplifier, showcasing its controls and display.

400W AMPLIFIER



■ 4 ZONES WITH SEPERATE VOLUME CONTROLS



Figure 2: The 400W amplifier features four independent zones, each with its own volume control for multiroom audio distribution.

SETUP

1. Placement

Place the amplifier on a flat, stable surface with adequate ventilation. Ensure there is enough space around the unit for heat dissipation. Avoid placing it near heat sources or in direct sunlight.

2. Power Connection

Connect the supplied power cable to the AC IN socket on the rear panel of the amplifier and then to a suitable mains power outlet. Ensure the power switch on the front panel is in the OFF position before connecting.

3. Speaker Connections

Connect your speakers to the corresponding speaker terminals on the rear panel. The PV240BT features four speaker output zones. Ensure correct polarity (+ to + and - to -) for each speaker. Use appropriate gauge speaker wire for optimal performance.

CONNECTIONS



Figure 3: Overview of the amplifier's front and back panels, highlighting various input and output connections including speaker terminals.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the **POWER** button on the front panel to turn the amplifier on or off. The display will illuminate when the unit is powered on.

2. Input Source Selection

Use the **MODE** button on the front panel or remote control to cycle through available input sources: Bluetooth, USB, SD, FM, AUX, Optical, Coaxial.

3. Volume Control

The amplifier features independent volume controls for each of the four zones (**VOLUME 1-4**). Adjust these knobs to set the desired output level for each connected speaker zone. The main **MUSIC VOL** knob controls the overall music volume.

4. Tone Control

Adjust the **BASS** and **TREBLE** knobs to fine-tune the low and high frequencies of your audio output. The **ECHO** knob controls the echo effect for microphone inputs.



Figure 4: Close-up of the tone control section, showing knobs for Treble, Bass, Music Volume, and Echo.

5. Bluetooth Streaming

To connect via Bluetooth:

1. Select "Bluetooth" as the input source using the **MODE** button.
2. On your Bluetooth-enabled device (smartphone, tablet, etc.), search for available devices.
3. Select "PV240BT" from the list to pair. Once paired, you can stream audio wirelessly.

BLUETOOTH STREAMING



■ **BLUETOOTH 4.2**

■ **COMPATIBLE WITH ALL DEVICES**



Figure 5: The amplifier supports Bluetooth 4.2 for seamless wireless audio streaming from compatible devices.

6. USB/SD Media Player

Insert a USB drive or SD card into the respective slot on the front panel. The amplifier will automatically switch to USB/SD mode and begin playing compatible audio files (e.g., MP3). Use the playback controls (**PLAY/PAUSE**, **PREV**, **NEXT**) to navigate your media.



Figure 6: The integrated media player features USB and SD card slots for direct playback of audio files.

7. FM Radio

Select "FM" as the input source. Use the **PREV** and **NEXT** buttons to tune to radio stations. The digital LCD display will show the current frequency.

8. Microphone Inputs

Connect microphones to the **MIC 1** or **MIC 2** inputs. Adjust the individual **MIC VOL** knobs for each microphone. The **TALKOVER** function automatically lowers the music volume when a microphone is in use.

MAINTENANCE

To ensure the longevity and optimal performance of your amplifier, follow these maintenance guidelines:

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the exterior of the unit. Do not use liquid cleaners or aerosols.
- **Ventilation:** Regularly check that the ventilation openings are clear of dust and debris to prevent overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place, away

from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your amplifier, refer to the following table for common problems and their solutions:

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Power outlet faulty.	Ensure power cable is securely connected. Turn power switch ON. Test power outlet with another device.
No sound output	Incorrect input source selected; Volume too low; Speakers not connected or faulty; Mute function active.	Select correct input source. Increase master and zone volumes. Check speaker connections and ensure speakers are functional. Deactivate mute if applicable.
Bluetooth not connecting	Amplifier not in Bluetooth mode; Device too far; Device already connected to another unit.	Ensure amplifier is in Bluetooth mode. Move device closer to amplifier. Disconnect from other Bluetooth devices.
USB/SD not playing	Incorrect file format; USB/SD card faulty or empty; Amplifier not in USB/SD mode.	Ensure files are compatible (e.g., MP3). Try another USB/SD card. Select USB/SD input mode.
Distorted sound	Volume too high; Incorrect impedance speakers; Poor cable connections.	Reduce volume. Ensure speakers match amplifier impedance. Check all audio cable connections.

If the problem persists after trying these solutions, please contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	PV240BT
Output Power	4 x 100W (400W total)
Zones	4 independent zones with volume control
Bluetooth Version	4.2
Media Player	USB/SD MP3 player, FM Radio
Inputs	AUX/RCA, Optical, Coaxial, 2x Microphone (6.3mm jack)
Outputs	RCA Line Out, Subwoofer Out, Speaker Terminals (4 zones)
Dimensions (L x W x H)	38.5 x 30.6 x 14 cm
Weight	4.6 kg
Power Supply	220-240VAC 50Hz

MEASUREMENTS



■ REMOTE INCLUDED

PD Power Dynamics
Professional Audio

Figure 7: Physical dimensions of the amplifier and the included remote control.

WARRANTY AND SUPPORT

This Power Dynamics PV240BT amplifier comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, service, or warranty claims, please contact your retailer or the Power Dynamics customer service department. Keep your proof of purchase for warranty validation.

For further assistance, visit the official Power Dynamics website or contact their support channels.

© 2024 Power Dynamics. All rights reserved.

Related Documents

 PDV Series 100V MP3 4 Zone Amplifier Part # 100-100, 100-201, 100-273 INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDIJNINGSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI VI.1	Power Dynamics PDV Series 100V MP3 4 Zone Amplifier Instruction Manual Comprehensive instruction manual for the Power Dynamics PDV Series 100V MP3 4 Zone Amplifier (models PDV120MP3, PDV240MP3, PDV360MP3). Covers unpacking, power supply, 100V line systems, speaker terminals, operation steps, fuse replacement, front and rear panel controls, connections, and technical specifications. Includes safety precautions and usage guidelines.
 PV240BT Amplifier System Part # PV-100, PV-200 INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDIJNINGSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS VI.4	Power Dynamics PV240BT Amplifier System - User Manual Comprehensive user manual for the Power Dynamics PV240BT Amplifier System. Learn about setup, operation, safety precautions, and technical specifications. Includes instructions for connecting Bluetooth devices and using various inputs.
 POWERLINE SERIES Part # PL-100, PL-200, PL-300, PL-400, PL-500 INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDIJNINGSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI VI.8	Power Dynamics Powerline Series In-Wall Audio Amplifier Manual Instruction manual for the Power Dynamics Powerline Series in-wall audio amplifiers, covering unpacking, power supply, overview, installation, and technical specifications. Available in multiple languages.
 DS50A Speaker Set, Act. 100W Part # DS-100, DS-200 INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDIJNINGSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI VI.1	Power Dynamics DS50A Active Speaker Set - Instruction Manual Comprehensive instruction manual for the Power Dynamics DS50A Active Speaker Set, covering setup, operation, safety precautions, and technical specifications. Learn how to connect, use Bluetooth, and maintain your speaker system.



[\[pdf\]](#) User Manual Instructions Warranty

PARTS DESCRIPTION sky INSTRUCTION MANUAL GEBRUIKSAANWIJZING

BEDIENUNGSANLEITUNG Read the manual prior to using unit Follow instructions in order not invalidate warranty Take all precautions avoid fire and or electrical shock Repairs must only be carried out by a qualified technician Keep for future reference Prior please ask advice from Manual Power Dynamics PV240BT media djmania net manuales Amplifier System ENGLISH Congratulations purchase of this product Please read thoroughly

PV240BT Amplifier System Ref. nr.: 953.032 INSTRUCTION MANUAL

GEBRUIKSAANWIJZING BEDIENUNGSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D INSTRUCTIONS V1.0 2 ENGLISH Congratulations to the purchase of this Power Dynamics product. Please read this manual thoroughly prior to using the unit in order t...

lang:en **score:37** filesize: 470.46 K page_count: 20 document date: 2020-06-09



[\[pdf\]](#) User Manual Instructions Warranty

Manual de utilizare PV240BT Power Dynamics Amplifier System 953 032 User a2t ro vor 2 Tagen —

Congratulations to the purchase of this product Please read manual thoroughly prior using unit in source

|||

PV240BT Amplifier System Ref. nr.: 953.032 INSTRUCTION MANUAL V1.0

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 instructio...

lang:en **score:34** filesize: 111.58 K page_count: 4 document date: 2024-05-13



[\[pdf\]](#) User Manual Instructions Warranty

PARTS DESCRIPTION Tronios B V Manual Power Dynamics PV240BT 4 Zone Audio Amplifier System

ENGLISH Congratulations to the purchase of this product Please read manual thoroughly prior using unit in notice d utilisation power dynamics pv240bt amplificateur audio zones sonomateriel amfile file 1242 6782 |||

PV240BT Amplifier System Ref. nr.: 953.032 INSTRUCTION MANUAL

GEBRUIKSAANWIJZING BEDIENUNGSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D INSTRUCTIONS V1.0 2 ENGLISH Congratulations to the purchase of this Power Dynamics product. Please read this manual thoroughly prior to using the unit in order t...

lang:en **score:30** filesize: 586.58 K page_count: 20 document date: 2020-06-09



[\[pdf\]](#) User Manual Instructions Warranty

PARTS DESCRIPTION sky 953 032 pv240bt amplifier system manual v2 1 language da discoworld dk obdb vh id 216 140 type 4 lan 11 |||

PV240BT Amplifier System Ref. nr.: 953.032 INSTRUCTION MANUAL
GEBRUIKSAANWIJZING BEDIENUNGSANLEITUNG MANUAL DE
INSTRUCCIONES MANUEL D INSTRUCTIONS INSTRUKCJA OBSŁUGI NVOD K
POUZIT V2.1 ENGLISH Congratulations to the purchase of this Power Dynamics
product. Please read this manual thoroughly prior...

lang:en **score:28** filesize: 733.28 K page_count: 24 document date: 2023-10-05



[\[pdf\]](#) User Manual Instructions Warranty

PARTS DESCRIPTION sky power dynamics pv240bt trovaprezzi it manuali |||

Questo manuale d istruzione fornito da trovaprezzi.it. Scopri tutte le offerte per Power
Dynamics **PV240BT** o cerca il tuo prodotto tra le migliori offerte di Personal Audio
PV240BT Amplifier System Ref. nr.: 953.032 INSTRUCTION MANUAL
GEBRUIKSAANWIJZING BEDIENUNGSANLEITUNG MANUAL DE
INSTRUCCIONES MA...

lang:en **score:26** filesize: 604.83 K page_count: 20 document date: 2020-06-09

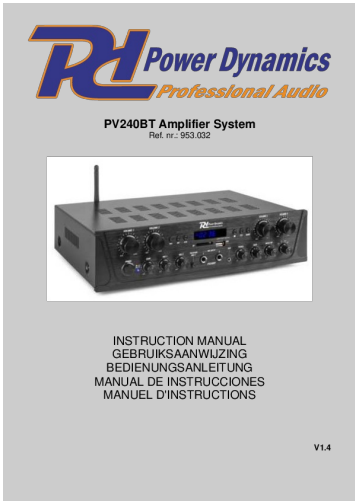


[\[pdf\]](#)

Nóra Használati útmutató Power Dynamics PV240BT 4 zónás erősítő 8x 50W USB SD FM Bluetooth MK
Audio Light PD 953032 használati M mkaudio hu manuals |||

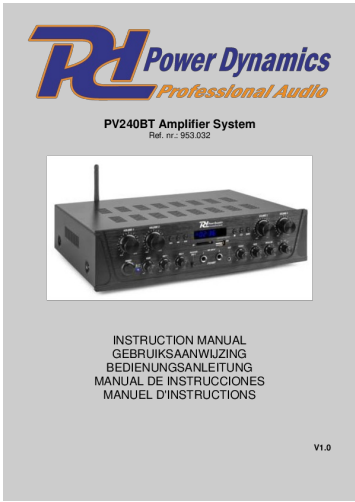
Gratullunk a Power Dynamics termk megvrlshoz Krjk, hogy a kszlk használata eltt
alaposan olvassa el ezt a kziknyvet, hogy teljes mrtkben kihasználhassa az sszes
funkcit. Olvassa el a kziknyvet a kszlk használata eltt. Kvesse az utastsokat, hogy ne
rvnytelentse a garancit. Tegyen meg minden vintzkeds...

lang:no **score:22** filesize: 232.36 K page_count: 5 document date: 2025-02-05



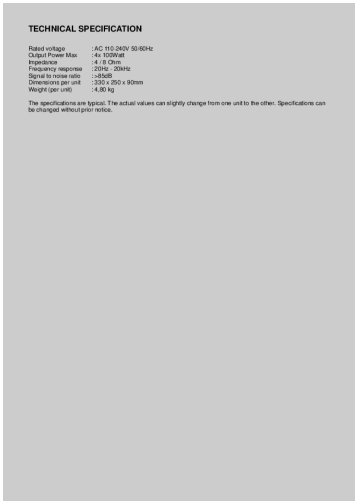
[Power Dynamics PV240BT Amplifier System - User Manual](#)

Comprehensive user manual for the Power Dynamics PV240BT Amplifier System. Learn about setup, operation, safety precautions, and technical specifications. Includes instructions for connecting Bluetooth devices and using various inputs.
lang:en **score:21** filesize: 494.39 K page_count: 20 document date: 2023-02-02



[\[pdf\] User Manual Instructions Warranty](#)

PARTS DESCRIPTION sky Bekijk de handleiding Versterker met Bluetooth Power Dynamics PV240BT 4 zone versterker radio mp3 bol original media s x9Q3W2owlKN9 |||
PV240BT Amplifier System Ref. nr.: 953.032 INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDIENUNGSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D INSTRUCTIONS V1.0 2 ENGLISH Congratulations to the purchase of this Power Dynamics product. Please read this manual thoroughly prior to using the unit in order t...
lang:en **score:19** filesize: 223.92 K page_count: 20 document date: 2022-02-17

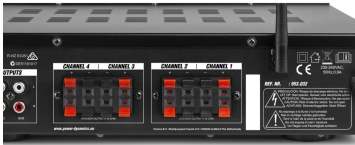
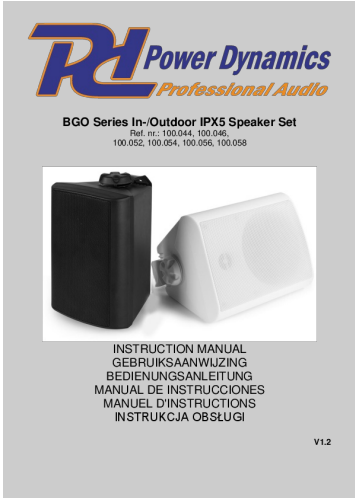


[\[pdf\] User Manual Specifications Dimension Guide](#)

Fisa tehnica PV240BT Power Dynamics Amplifier System 953 032 User Manual a2t ro 1 day ago — AC 110 240V 50 60Hz Output Max 4x 100Watt Impedance 4 8 Ohm Frequency response 20Hz 20kHz Signal to noise ratio 85dB Dimensions per source |||
TECHNICAL SPECIFICATION Rated voltage Output Power Max Impedance Frequency response Signal to noise ratio Dimensions per unit Weight per unit : AC 110-240V 50/60Hz : 4x 100Watt : 4 / 8 Ohm : 20Hz - 20kHz : 85dB : 330 x 250 x 90mm : 4,80 kg The specifications are typical. The actual values can ...
lang:en **score:15** filesize: 22.86 K page_count: 1 document date: 2024-05-13

[\[pdf\]](#) User Manual Instructions Guide Declaration of Conformity Warranty

PARTS DESCRIPTION sky info 1473 1580421925 surplustronics co nz product 100 046 Manual Power Dynamics BGO65 Speaker Set In Outdoor 6 5 150W White Black PRID 15326 doc DJMania Index of proddoc POWER DYNAMICS BGO50 WHT HXEIA ΕΓΚΑΤΑΣΤΑΣΕΩΝ Ηχεία Εγκαταστάσεων DJShop BLK Negro 044 052 054 056 058 BGO manual V1 2 1475 1580423043 189763156 1474 1580422238 1476 1580423377 media djmania net manuales billebro se 056HO cdn petec ch documents2 1 djshop gr Attachment DownloadFile Id 9672 9674 9673 9671 Series Αγγλικά 186900769 SET PA AUDIO 112 Ωμικό Σει ενισχυτή 4 Ζωνών PV240BT 8x 50 Watt και τοίχου BGO40 B Wandlautsprecher Schwarz Interdiscount speaker 8c07e2b9946e81b24b3ab80bb3a9030a811c emimikos Documents storage googleapis static shops products document BlackPOWER Αγγλικά100 maPRID 0PRID 0Power DJManiaPower DJManiaSET BSpeaker Inch Weatherproof IPX5 Pair Sound Division SurplustronicsPOWER InterdiscountPOWER DJShopPOWER DJShopJuego de altavoces para interior exterior 25 y 120 W blanco a buen precio en LTTManual NegroPOWER 2info 1580423043PRID 2PRID 1580423043info 1580422238info 1580423377100 2100 trmedia BGO65media Negroemimikos 2surplustronics 1580423043billebro 2billebro 1580423043cdn 189763156storage 8c07e2b9946e81b24b3ab80bb3a9030a811csurplustronics 1580422238surplustronics 1580421925surplustronics 1580423043surplustronics 1580423377djshop 9674djshop 9673djshop 9671djshop 9674ltt versand article documents ac 76 9c trsurplustronics 1580421925static ma100 SurplustronicsSpeaker 100W 1580421925billebro 1474PRID 1580422238billebro ||| BGO Series In-/Outdoor IPX5 Speaker Set Ref. nr.: 100.044, 100.046, 100.052, 100.054, 100.056, 100.058 INSTRUCTION MANUAL GEBRUIKSAANWIJZING BEDIENUNGSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D INSTRUCTIONS INSTRUKCJA OBSŁUGI V1.2 2 ENGLISH Congratulations to the purchase of this Power Dynamics ... lang:en score:13 filesize: 387.01 K page_count: 12 document date: 2019-07-15



[\[pdf\]](#)

Bekijk de CE markering Versterker met Bluetooth Power Dynamics PV240BT 4 zone versterker radio mp3 bol original media s onrG2mx2O6AB ||| ... lang:en score:13 filesize: 667.5 K page_count: 1 document date: 2022-11-22



[\[pdf\]](#) User Manual

PARTS DESCRIPTION sky Ficha TecnicaAmplificador Estereo MP3 USB y Bluetooth AMP435 Cetronic953032descargas cetronic es 953032 ||| **PV240BT** Amplifier System Ref. nr.: 953.032 MANUAL DE INSTRUCCIONES V2.1 ESPAOL Felicitaciones a la compra de este producto Power Dynamics. Por favor lea atentamente este manual antes de usar el aparato para disfrutar al completo de sus prestaciones. Seguir las instrucciones le permite no invalida... lang:es score:12 filesize: 194.49 K page_count: 4 document date: 2025-06-06

