



PBX4000BAT

Product Manual



www.mrdjusa.com



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**Congratulations on your new PBX4000BAT
Portable Speaker with Built-In Battery
By MR DJ**

General Features:

2-Way 15" Portable Active PA Speaker
2000 Watts P.M.P.O
MP3 Player Built-In with LCD Display
SD Card Slot, USB Connection Ready
FM Radio, Bluetooth Music Streaming
50 oz High Efficiency Mid - Low Woofer
2" KSV Voice Coil
1.35" Titanium Diap. Driver (Tweeter)
Speaker RMS:350 Watts
Driver RMS:50 Watts
7A,12V Built-in Battery
Supports 16GB USB/SD Readers

Package Contents:

1 PC Portable Loud Speaker
2 PC Wireless Microphone
2 PC Microphone Holder
1 PC Remote Control
1 PC Power Cord



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SAFETY AND WARNING !!! PLEASE READ !!!

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS



THE LIGHTING FLASH WITH ARROW SYMBOL WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UN-ISOLATED DANGEROUS VOLTAGES WITHIN THE PRODUCTS 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.

IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS

WARNING - When using electric products, basic precautions should always be followed, including the following:

- Read all instructions before using the product.
- Do not use this product near water, i.e. a bathtub, sink, wet basement, or swimming pool.
- This product, in combination with other headphones and speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for long periods of time at a high-volume level or any level that is uncomfortable. If you experience any hearing loss or ringing in the ears, consult a doctor.
- The product should be located away from heat sources such as radiators, heat resistors, or any other product that produces heat.
- The product should be connected to a designated power supply described in these instructions.
- The power supply cord should be unplugged when left unused for a long period of time.
- Care should be taken so that objects do not fall or liquids are not spilled into the enclosure through its openings.
- The product should be serviced by quality personnel when:
 1. The power supply cord or plug has been damaged
 2. Objects have fallen, or liquid has been spilled in the product
 3. The product has been exposed to rain
 4. The product does not appear to operate normally or exhibits a marked change in performance
 5. The product has been dropped, or the enclosure damaged
- Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be performed by quality service personnel.

CAUTION

- Instructions are intended to alert the user to the risk of injury or material damage, should the unit be used improperly.
- Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well as to domestic animals or pets.



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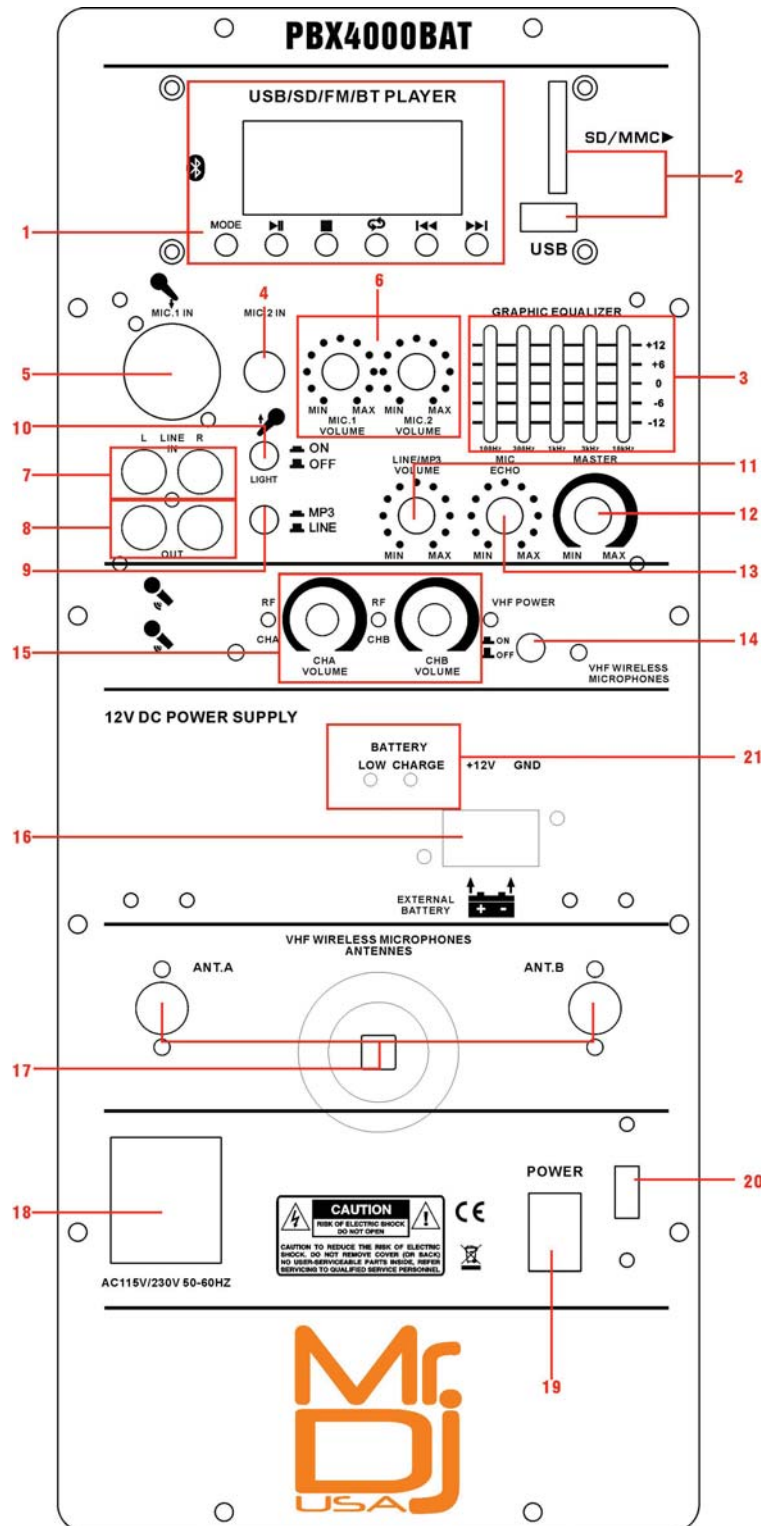
SPECIFICATIONS

System Specifications	
Frequency Response (-3dB)	45Hz - 18kHz
Frequency Range (-6dB)	40Hz - 20kHz
Max SPL Long-term @1m	98dB
Max SPL Peak @1m	121dB
Crossover	18dB/oct@ 3.5kHz (passive)
AUDIO	
MIC Input	
Input Type	bal. Speakon & bal. 1/4"
Input Impedance	3k Ohms
Input Sensitivity	-46dBu
LINE Input	
Input Type	bal. Speakon & bal. RCA
Input Impedance	10k Ohms
Input Sensitivity	-26dBu
LINE Output	
Output Type	bal. XLR
Output Impedance	10k Ohms
Output Sensitivity	-26dBu
Frequency Equalizer	
Type	Bass & Treble
Frequency	250Hz/750Hz/2kHz/6kHz/12kHz
Equalize Range	-12dB/+12dB
Power Amplifier	
Rated Output Power	350 Watts
Max Output Power	3000 Watts
Power Supply	110V/120V ~ 50/60Hz
Max Power Consumption	285VA
Rated THD	<0.5% (20Hz - 20kHz)
Frequency Response	+1/-2dB (20Hz - 20kHz)
Cooling	Convection Extrusion
Design	Class A/B
Dimensions	19.1" x 15.7" x 29.1"
Weight	36.4 Lbs. Net Wt.



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Features :

1. USB Player

MODE	Exchange between USB / SD /Bluetooth
▶	Play/Pause
↺	Repeat
⏮	Last
■	Stop
⏭	Next

2. USB /SD Card input.

4. 6.35 mm mic2 input.

6. Input 1 volume controls.

8. MP3Line RCA output.

10. LED Light Switch: It allows to switch on/off LED light.

12. Master volume control.

14. Wireless Microphone VHS transmitter power control.

16. Built in 12V/7A battery with optional external battery connection.

18. Fuse department and IEC AC power socket.

20. Variable voltage selector switch (115V/230V). ---When you turn the red button to 230V, the voltage is 220~230V. When you turn the red button to 115V, the voltage is 110V~115V.

3. 5 band equalization control panel.

Adjust the low frequencies to +/-12dB

Adjust the mid frequencies to +/-12dB

Adjust high frequencies to +/-12Db

5. Input 2 volume controls.

7. MP3/Line RCA input.

9. MP3/Line input selector.

11. MP3/Line volume control.

13. Mic Echo effect control.

15. Mic A and B connection indicator LEDS and Volume controls.

17. Wireless microphone antennas.

19. Power switch.

21. Red light: battery needs recharge Green light: battery in charge.



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1. Default Power Selected is 110v (For Asia / European Market) Please choose correct voltage. (Refer to Page 6 - Illustration No. 20)
2. Connect power cord to wall outlet then to the back of the unit
(Refer to Page 6 - Illustration No. 18)
3. Plug the Microphone or Guitar into the 6.35mm Input or (Mic Input 1/2)
(Refer to Page 6 - Illustration No. 4)
4. Turn On Wireless Microphone receiver switch to activate Wireless Microphone
(Refer to Page 6 - Illustration No. 14)
5. To control both Microphone A and Microphone B Volume Levels
(Refer to Page 6- Illustration No. 15)
6. Connect Your Selected Audio Source (CD, DECK, MP3 Player, DVD, etc) on “LINE IN” Input via RCA
(Refer to Page 6 - Illustration No. 7)
7. Turn on the speaker. A green LED will light up to indicate the speaker is on
(Refer to Page 6 - Illustration No. 19.)
8. Monitor LED Charging Indicator (When On - Charging of Unit is Activated)
(Refer to Page 6 - Illustration No. 21)
9. Insert USB or SD Card for MP3 Player (Does Not Support Large Storage Cards - 16GB Max) (Refer to Page 4 - Illustration No. 2)
10. Select the Player Mode to either Bluetooth, USB or MP3 or FM through the selector.
(U - USB or S - SD Card) - (Refer to Page 6 - Illustration No. 1)
11. Set TREBLE, BASS, ECHO, MIC LEVEL, VOLUME controls to equalize the sound.
(Refer to Page 6 - Illustration No. 3/11/12/13)
12. Line-Output Connection via RCA (Refer to Page 6- Illustration No. 8)
13. To use Wireless Remote Control - Remote must have access to the I.R. Receiver
(Located In Front of Speaker)
14. For DC Power Interface Access (Refer to Page 6 - Illustration No. 18)



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Warranty - Please Register Online www.mrdjusa.com

ABSOLUTE USA warrants this product to be free of all manufacturing defects under normal use to the original purchaser for the following period:

PARTS - 90 DAYS / LABOR - 1 YEAR

To activate guarantee / warranty, the registration sheet must be filled in and mailed within TEN DAYS (10) of purchase. Proof of purchase will be needed.

This guarantee / warranty may not cover replacement of some parts, knobs, remotes or gift box (if supplied with unit / product). Any alterations, abuse, misuse, or accidental damage voids this guarantee / warranty. This will be determined by our Technical Department.

All handling and transportation charges must be prepaid and product must be dispatched in original packing together with this guarantee / warranty sheet. All products needing Warranty / Guarantee must have Return Merchandise Authorization (RMA) Number, without the RMA Number - Request for Warranty / Guarantee will be denied and returned to sender. Please refer to our website (www.absoluteusa.com) for further warranty / guarantee information and instructions. RMA's can also be requested via ONLINE

Please fill in the following data before using this unit.

MODEL NO. _____ SERIAL NO. _____
WHERE PURCHASED _____
PURCHASE DATE _____
NAME _____
ADDRESS _____
CITY/STATE _____
ZIP CODE _____
PURCHASED FROM _____
DATED _____

MR DJ USA INC
Tel: 213-744-1144
Fax: 213-749-2999
Toll Free: 1-877-418-8771
<http://www.MR DJusa.com>

YOU CAN ALSO REGISTER YOUR PRODUCT ONLINE - PLEASE VISIT - <http://www.mrdjusa.com/>

Note: Warranties and Guaranties are subject to MR DJ USA's Terms and Conditions which can be found online at www.MR DJusa.com

We have the right to refuse warranty and guaranty requests.

**FCC STATEMENT**

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

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

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. The Bluetooth antenna cannot be removed (or replaced) by user. This equipment complies with FCC/ IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules.

This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles). Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

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