

Technical Support

If you experience any problems or have any questions regarding the DURACELL Power™, technical support is available by contacting Battery-Biz Inc. Prior to calling please review the technical support tips below.

- Be prepared to provide the following information:
  - Name, address and phone number
  - Name of the DURACELL product
  - Model of the iPod
  - Symptoms of the problem and what led to them

Contacting Battery-Biz Inc.

Technical support is available online at [www.Battery-Biz.com/PowerFM](http://www.Battery-Biz.com/PowerFM)

By email at [info@Battery-Biz.com](mailto:info@Battery-Biz.com)

Or by telephone  
U.S. and Canada: (800) 842-2127  
Outside of U.S./Canada: (805) 413-7414

Written inquiries should be directed to:

**Battery-Biz Inc.**  
**DURACELL Product Inquiry**  
950 Lawrence Drive  
Newbury Park, CA 91320 USA

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Specifications:

Battery	680mAh, Lithium Ion
Frequency Range	88.1MHz ~ 107.9 MHz
Weight	2.1oz
Unit Dimensions	4.4" x 1.7" x 0.8"
Output Voltage	5V DC
Input Voltage	5V DC

FCC Statement

Federal Communications Commission Interference Statement

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.

**WARNING:** Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

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DURACELL®

DURACELL Power™ User Manual For iPod Nano 1st Generation and 2nd Generation (aluminum)

Congratulations on your purchase of the DURACELL Power™ for the iPod Nano. This product has been designed to enhance the functionality of your iPod by combining the convenience of an FM transmitter with an extended battery and a protective silicone case. You can now listen to your iPod wirelessly through any FM radio. In addition, the extended battery doubles your iPod's playtime without having to plug in to recharge. After the iPod is connected to the Power™ insert it into the silicone case for protection against scratches and damage. The Power™ delivers a truly wireless iPod experience!

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Box Contents:

- Power™ unit
- Protective silicone case
- User manual

The following items are included in the DURACELL Power™ package:

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Safety Instructions

This manual contains important safety and operation instructions for the DURACELL Power™. Please read this section carefully to reduce the risk of injury.

- The DURACELL Power™ is suitable only for select iPod devices. Using the DURACELL Power™ with incompatible devices may pose a risk of damage to the device or the Power™.
- Do not open the DURACELL Power™ or make any attempt to disassemble or modify it. Doing so could result in a risk of injury to persons or damage to property and will void the warranty.
- Do not crush, puncture, incinerate or expose to moisture.
- Do not short external contacts.

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Features

FM Transmitter

- Listen to your iPod wirelessly by placing it near any FM radio
- Unlimited channel selection lets you manually select from any frequency between 88.1MHz and 107.9MHz or navigate through 5 user-defined preset channels for optimal reception
- Channel display and selection are done directly from the iPod's screen
- Powerful FM radio transmitter is designed for high quality audio performance

Extended Rechargeable Battery

- Powers the iPod and recharges its internal battery simultaneously
- Advanced Li-Ion battery technology provides maximum run-time and no memory effect so the battery does not need to be fully charged or periodically drained
- Power™ battery status is displayed on the iPod screen
- Doubles the iPod's battery life\*

Protective Case

- Designed to tightly hug the iPod/Power™ and provide a comfortable grip and protection against damage
- Embossing allows for easy control of the iPod click wheel and navigation buttons

Pass Through Connector

- The Power™'s pass through connector replicates the Nano's data and headphone ports allowing the use of additional accessories and connection to a laptop without disconnecting the iPod from the Power™.

\* Battery run-time is based on continuous music playback in headphone mode and is inclusive of the iPod internal battery and the Power™ external battery. Different usage modes such as slideshow or FM radio usage will affect the iPod's power consumption and run-time.

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Operating Instructions

Connecting and Disconnecting your Nano from the Power™

The Power™ is designed to align with the base of the iPod and plug into its ports. Slide the Nano onto the Power™'s connectors until the top of the iPod lines up with the top edge of the Power™. Gently press on the top of the Nano towards the Power™ base to ensure that the connectors are fully inserted. Next, insert the Nano/Power™ into the protective silicone case through the case's screen cutout.



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Warranty Information

This product carries a limited warranty against defects in material and workmanship under normal use and service for one year from the original date of purchase. The manufacturer or distributor, at its option, shall repair or replace the defective unit covered by this warranty. Please retain the dated sales receipt as evidence of the date of purchase as it will be required for any warranty service. In order to keep the warranty in effect, the product must have been handled and used as described in the instructions accompanying this warranty. This warranty does not cover any damage due to accident, misuse, abuse or negligence.

Disclaimer of Warranty

The limited warranty described herein is your sole remedy. To the extent permitted by law, the manufacturer and distributor disclaim all other implied or expressed warranties including all warranties of merchantability and/or fitness for any particular purpose.

Limitation of Liability

Except to the extent of repairing or replacing the product as expressly stated in the limited warranty described herein, the manufacturer and distributor shall not be liable for any damage, whether direct, indirect, incidental, special, consequential, exemplary, or otherwise including lost revenues, lost profits, loss of use of software, loss or recovery of data, rental of replacement equipment, downtime, damage to property, and third-party claims arising out of any theory of recovery, including statutory, contract or tort. Notwithstanding the term of any limited or implied warranty, or in the event that any limited warranty fails of its essential purpose, in no event will the manufacturer's and distributor's entire liability exceed the purchase price of this product. Some states and provinces do not allow the exclusion of limitation of incidental or consequential damages so the above limitations or exclusions may not apply to you. This limited warranty gives you specific legal rights. You may have other rights which vary from state to state and province to province.

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Power™ Battery Operation

The Power™ will power the iPod and charge its battery when the iPod is playing. The Power™ battery status indicator enables you to see the amount of power remaining in the Power™. When the battery indicator is low the Power™ will need to be recharged. The battery icon will also indicate charging status when the Power™ is plugged in and recharging. Please note that the Power™ is shipped in a partially discharged condition and will need to be charged prior to its initial use. See "Charging the Power™" section below for instructions on battery charging.



Charging the Power™

The Power™ can be charged on its own or along with the iPod. Connect the iPod's charging cable from your laptop (or other USB power source) to the connector on the Power™. To charge the iPod, mount the iPod onto the Power™ sled. The iPod and the Power™ will be charged simultaneously.

**Note:** It is recommended that a USB 2.0 port be used to charge the iPod/Power™. USB 1.0 ports may provide insufficient power. For further information please refer to your iPod user manual.

**Attention:** Due to FCC regulations, FM mode will be off and the Power™ will not transmit while charging.

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Reprogramming the Preset Channels

To change the frequency that is assigned to one of the five preset channels select the frequency you wish to change by using the up and down buttons. Then, press and hold either side button until the manual frequency selection indicator "MAN" appears on the status screen. You can now use the Power™ side buttons to scroll up and down the FM frequency range. When the desired frequency is found, press and hold both side buttons until the "MAN" indicator disappears. This will assign the chosen frequency to the selected preset channel. You can now use the side buttons to scroll between preset channels. The status screen will disappear and the regular Nano screen will reappear after five seconds of inactivity.

**Note:** When the Power™ is in FM mode the Nano's volume control is inactivated. Use your radio's volume control to adjust levels.

**Attention:** Due to FCC regulations, FM mode will be off and the Power™ will not transmit while charging.

Headphone Mode

Headphone mode is activated when the Nano is playing and headphones are connected to the Power™. The radio transmitter is turned off in headphone mode. The Power™ will continue to supply power and recharge the internal Nano battery to extend playtime. Pressing the Power™ side buttons will recall the Power™ status screen. Unplugging the headphones will return the Power™ to FM mode.

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The Power™ Status Screen

When the Nano is connected to the Power™ a status screen will appear. The Power™ has two basic status screens signifying FM mode or headphone mode. In FM mode, the FM transmitter is on and the Power™ will display the channel and frequency being used. In headphone mode the FM transmitter is off and a headphones icon is displayed. Both screens display the Power™ battery status. The status screens will disappear after five seconds and the iPod's normal screen will return. To recall the status screen press either of the buttons on the side of the Power™.



FM Mode

FM mode is activated when the Nano/Power™ is being used without headphones. In this mode the FM transmitter will broadcast the Nano's audio to any FM radio. For optimal sound the radio should be located within eight feet of Nano/Power™. Locate an unused frequency on your radio which is receiving only static and then follow the instructions to tune the Power™ to that frequency. Using a digital radio tuner will help ensure that the radio frequency and the Power™ frequency are exactly matched. If a digital radio tuner is unavailable, select an unused frequency using the tuning dial. After the Power™ frequency is selected the radio tuning dial may need to be adjusted slightly to exactly match the transmission frequency.

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Upon connection the Power™ will turn on and its status screen will appear on the Nano's display (if the Nano is turned off it will automatically turn on upon connection). Any time the Power™ status screen is shown, a preliminary screen appears displaying a checkmark and the words "Ok to disconnect." Music will be paused momentarily when this screen is displayed. This is a normal part of the Nano's operation. In headphone mode, the music will resume while the Power™ status screen is shown on the iPod. If the display freezes on the "Ok to disconnect" screen reset the Nano by pressing and holding the MENU and SELECT button for 10 seconds.



The Power™ will remain on as long as the iPod is playing and will automatically shut off after the Nano has been paused or turned off for one minute. Upon shut down the Power™ will stop charging the Nano's internal battery.

**Note:** If the Nano internal battery is completely discharged the Nano may not be able to turn on and the Power™ will not be activated. If this occurs, plug in the Nano/Power™ in order to charge the batteries. Upon connection the Apple logo may appear repeatedly on the screen. This is a normal part of the Nano's operation. Refer to Power™ Battery Operation section for more information on battery charging.

It is recommended that you use the included silicone case with the Power™ at all times. The case provides protection against bumps and scratches and ensures proper connection between the Nano and the Power™.

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**Note:** Different geographical areas will have different unused frequencies. If you notice a degradation in sound quality you may need to select a different frequency.

Preset Channel Selection

The Power™ comes pre-programmed with five preset radio channels. You can scroll up or down through the preset channels by pressing the up or down side buttons on the Power™. The preset channel which is currently selected will display on the Power™ status screen. After five seconds of inactivity the iPod's normal operating screen will return.



Manual Frequency Selection

In addition to preset channel selection, the Power™ allows you to manually select any frequency in the FM radio range. To manually select a frequency press and hold either Power™ side button until the manual frequency selection indicator "MAN" appears on the status screen. You can now use the Power™ side buttons to scroll up and down the FM frequency range. Press and hold the up or down buttons to scroll faster. Once the desired frequency is displayed the Power™ will begin to transmit on that frequency. The status screen will disappear and the regular Nano screen will reappear after ten seconds of inactivity.

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