

# SonusCandle™



## Owners Guide

Candle Light - Music – Wireless



[www.LEDspeaker.com](http://www.LEDspeaker.com)

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# Introduction

# SonusCandle<sup>tm</sup>

## Charging

Please charge the sound module before you use it for the first time. To charge, plug a cable into the mini USB jack.(included) A **red** LED charge indicator will light up. It will turn off when the charging is completed. It should not take more than two hours to completely charge the internal battery. You can use any USB source for charging.

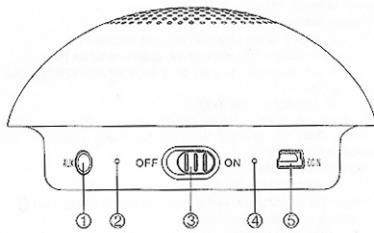
## Pairing with a cell phone/tablet PC

First, turn on the sound module. You will hear a loud “DING-DONG-DING” chime sound. A bright **blue** LED indicator will initially fast flash for about 10 seconds. After that it will flash once every 4 seconds

1. From your cell phone/tablet PC system settings menu , Turn on Bluetooth
2. An automatic search will begin. It will stop and you will hear a single “DO” chime when your device finds “BT SPEAKER”
3. Pair them, the input pin code is “0000” This is all typically automatic
4. When your device and the sound module are successfully paired you will hear a chime “DO” sound. Now you will begin to hear the sound from your device coming out of the soundmodule. The **blue** LED indicator will continue to slowly flash while the soundmodule continues working.
5. If you can not connect you may have to make the connection manually. Go to the Bluetooth menu in your device and click on the sound setting, then select “Bluetooth Audio Renderer” & check “set as default” This should finish the pairing
6. Note, If you are pairing with a Bluetooth adaptor follow the same procedures.
7. After you have sucessfully paired with a device the connection settings are stored in the sound module. It will automatically connect to the last device the next time it is turned on.
8. The SoundModule should be paired with your device within the first two minutes after you turn it on. If you don't it will go to sleep. Just turn it off and on again.

**AUX-in Input** Use this 1/8" stereo jack to connect directly to your device if you don't want to use Bluetooth. Use the included cable to connect from the headphone output of your device to the aux input of the soundmodule. You can connect to almost any audio source. This direct approach is the best way if you want the highest possible sound quality. You can think of the soundmodule as a computer speaker and connect it the same way. Plug into the headphones jack of your sound card and connect the USB cable to power it.

Layout



1	Aux-in	1/8" stereo jack, you can plug in a cable from the headphone jack of these devices
		Computers(PC & Mac) MP3 players, MP4, iPods, iPad's, iPhones, Tablets, Android Phones, BlackBerrys,CD players,"Stereo" systems and many more
2	Bluetooth Indicator	When the power is on, the <b>Blue LED</b> light will flash On/Off and you're ready to play music
3	Power ON/OFF Switch	When you slide it to the right the power is on, slide it to the left to turn it off
4	Charging Indicator	A <b>Red LED</b> light is on when it's charging, It turns off when the battery is fully charged
	Charging Port	A <u>Mini</u> USB input, Use a cable to connect to any USB wall charger or mobile device that has a USB port (jack)



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## Guidelines

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### Cautions

Store and use the sound module under normal temperatures

Do not use the soundmodule unprotected in the rain or high humidity environments

Avoid dropping on hard surfaces

Dismantling, repairing or modifying the soundmodule will void the warranty

Internal Lithium-ion battery should not be exposed to fire. Dispose of responsibly, Recycle

### Operating tips

When using the soundmodule in the Bluetooth wireless mode avoid putting it next to household appliances, microwave ovens and TV's. This will limit any interference problems and give you the best possible sound performance.

It is very important that the volume level and length of listening time be monitored to prevent any hearing damage.

If there are any major problems with the audio source shutdown the soundmodule and remove the USB cable. This will help prevent any damage to the speaker and electronics.

Noise and limited transmission range may be caused by a devices reduced power output. This may also result from a different version of Bluetooth protocol.

After the first connection with a device the soundmodule will store the connection settings. The next time you turn on the module it will automatically connect again with the last device used.

The soundmodule uses Bluetooth V2.1 + EDR protocol. It is backward compatible with V1.2 and V2.0 +EDR. Devices with newer versions of Bluetooth will work with the soundmodule

Make sure your device is within the transmitting range of the soundmodule. It will automatically search and connect. The music will play after pairing.

The soundmodule produces **Chimes** to indicate changes in settings.

“DO” sound indicates paired or unpaired

“DING-DONG-DING” sound is made when the soundmodule is first turned on

“DONG-DONG-DONG-DONG” sound indicates that the battery has run out and needs recharging

If the first pairing attempt between the soundmodule and your device fails then try doing it manually in the devices system settings.

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Pictured above is the SonusCandle with a 2 inch Votive LED candle. Flameless, realistic looking candle light that's safe.

**Trouble #1** The sound is distorted, breaking up or is a little hoarse.

Reason: The sound volume from the music source (device) is too high. The music or video file may be damaged.

Solution: Turn down the volume of your phone, MP3 player or computer etc. Try using another song or video.

**Trouble #2** The sound from the sound module is not loud enough

Reason: The sound volume from the music source (device) is too low.

Solution: Turn up the volume of your phone, MP3 player or computer etc.

**Trouble #3** The bluetooth device is not found.

Reason: The sound module is pairing with another device. The sound module is pairing with an incompatible device. The sound module pairing process needs more time.

Solution: Disconnect the other device and try again. You may have to find another device and try a new set up. Be patient, wait a little longer. Then repeat the process.

**Trouble #4** The wireless transmission is breaking up.

Reason: You may be out of range (33 ft). You could be blocked by obstacles. You could be working with a poor quality bluetooth device.

Solutions: You need to move the music source (device) closer to the sound module. Try moving around or removing the obstacles. Replace the inferior bluetooth device.

**Trouble #5** The pairing has failed.

Reason: The bluetooth device is not compatible with the soundmodule.

Solution: You need to replace the source bluetooth device.

**Trouble #6** You hear noise when there are pauses in the music.

Reason: The amount of noise you hear from different devices varies greatly. If it varies a lot It could be the software (music files). If it's consistent it's probably the hardware

Solutions: You may need to update the software for the device. Try different types of files in order to track down the problem.

**Trouble #7** Bluetooth is not working but the Aux-in is

Reason: The voltage is too low.

Solution: You need to charge the battery. Plug in a USB cable to a charging USB port.

**Trouble #8** You can't find the Bluetooth speaker

Reason: The speaker will go to sleep if it's not paired within the first two minutes after you turn the power on.

Solution: Just turn the power off and on. You should hear a chime. Now try it again.

**Trouble #9** The red LED charging indicator is not on.

Reason: The USB cable is bad or not pushed in all the way. The USB power source is broken.

Solution: Try reconnecting the cable and/or replace the power adaptor.

**Trouble #10** The sound module stops playing.

Reason: You might be out of transmission range and occasionally you may run into some interference.

Solution: Time to reboot. Turn the power off and then on. You should hear a chime. Now move the sound module to a place inside the working range and it should start working again.

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Specifications	
Audio Signal IN	Bluetooth or AUX
Color	White, Red, Green, Blue
Rated Power	3 W
Power Input	Mini USB to LI-on Battery
Bluetooth Protocol	V2.1 + EDR class II
Operating Frequency	2.4 GHz
Working Distance	Up to 33 feet /10 meters
Channel Separation	80 dB
Distortion	1 % at 1 kHz 1 W, 3.7V input
Signal to Noise Ratio	82 dB
Working Voltage	3.7 V DC
Changing Voltage	5 V DC
Battery Capacity	Internal 400 mAH, rechargeable
Impedance	4 Ohm internal speaker
Amplifier	Class D digital, High Efficiency
Speaker	1.5 inch / 40 mm acoustic suspension
Sound Module	Wireless Bluetooth Speaker
Dimensions	3.15" Diameter 1.57" High (80 x 40 mm)
Operating Temperature	23 - 104 Degrees F. (minus 5 to 40 C)
Net Weight	3 ounces (87.4 g)

Package Contents		Quantity
1	SoundModule - Wireless Bluetooth	1 piece
2	User Manual	1 piece
3	Audio Cable, Stereo 1/8" mini to Stereo 1/8" mini	1 piece
4	USB to mini USB	1 piece

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## SonusCandle™ Limited Warranty

SonusCandle warrants to the original purchaser that the product shall be free from defects in material and workmanship for one year from the date of purchase. You may also find this information in our website at [www.LEDspeakers.com](http://www.LEDspeakers.com). Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser. This warranty gives you specific legal rights, and you may also have other rights that vary under local laws.

This warranty does not cover problems or damage resulting from (1) accident, abuse, misapplication, or any unauthorized repair, modification or disassembly

If you have any questions or problems just give us a call. Ph. 651-460-4783

Or send us an email if you prefer. [tgallagher@prodigy.net](mailto:tgallagher@prodigy.net)

Pictured is a smart phone resting on top of the candle holder. The phone sits at a 25 degree angle. It's a convenient place to put your phone if you're not going to use a candle. It's handy. You can spin it all the way around. The phones touch screen is easy to see and use.



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