

gracedigital

HIGH-FIDELITY SPEAKERS



User Guide

BTSP200 Series

Model No.: GDI-BTSP201 (black)
GDI-BTSP207 (red)
GDI-BTSP208 (white)

Introduction

The **BTSP200 Series** High-Fidelity Bluetooth Speakers by Grace Digital bring together Bluetooth® wireless technology and audio performance. The A2DP and AVRCP profiles connect and play stereo music from your mobile phone or media player without the need for cables. The versatile system is designed with an attractive leather finish and fits perfectly in any room of your home or office. The bass reflex tunnel design provides deeper bass effects and greater dynamic sound, ideal for digital movies, and audio reproduction.

Important Safety Instructions and Warnings

Please read before installation & use

	CAUTION: To reduce the risk of electric shock, do not dismantle the product and do not expose the apparatus to rain or moisture. No user-serviceable parts inside. Refer servicing to qualified personnel only.
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	Should you see this lightening symbol be alert for the presence of dangerous voltage without insulation within the enclosure that may be of sufficient magnitude to result in an electric shock.
	Should you see the exclamation point within an equilateral triangle be alert for the presence of important operating and maintenance and/or servicing instructions in the literature accompanying the product.

1. Read Instructions: All safely and operating instructions must be read before operating the product.
2. Retain Instructions: Safety and operating instructions should be kept for future reference.
3. Follow instructions All operating and user instructions and warnings should be followed.
4. Installation: Install in accordance with the manufacturer's Instructions.
5. Power sources: This product should be operated only from the type of power source indicated by the marking adjacent to the power cord entry. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
6. Grounding or polarization: This product is not required to be grounded. Ensure the plug is fully inserted into the wall outlet or extension cord receptacle to prevent blade or pin exposure. Some versions of the product are equipped with a power cord fitted with a polarized alternating line plug (a plug having one blade wide than the other). This type of design means the plug will fit into the power outlet only one way and is safety feature. If you are unable to Insert the plug fully into the outlet try reversing the plug. If the plug should still fail to fit, contact your electrician to inspect your outlet for possible replacement. When using an extension power supply cord or a power supply cord other than that supplied with the appliance, the cord should be fitted with an appropriate molded plug by a professional and carry a safety approval appropriate to the country of use.
7. Power cord protection: Power supply cords should be routed so that they are not likely to be walked on, kinked or pinched by items placed on or against them, paying particular attention to cords from plugs, receptacles and the point where they exit from the appliance.
8. Overloading: Do not overload wall outlets, extension cords or multiple sockets, as this can result in a risk of fire or electric shock.
9. Ventilation: The product must be properly ventilated. Do not place the product on a bed, sofa, or other similar surface. Do not cover the product with any items such as tablecloths, newspaper, etc.
10. Heat: The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products including amplifiers that produce heat. No naked flame sources, such as lighted candles, should be placed on the apparatus.
11. Water and moisture: To reduce the risk of fire or electric shock, do not expose the product to rain, dripping, splashing or excessive moisture such as in a sauna or bathroom. Do not use this product near water environment such as near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool
12. Object and Liquid Entry: Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. Do not place any object containing liquid on top of the product.
13. Cleaning: Unplug the product from the wall outlet before cleaning. The cabinet of the subwoofer may be cleaned by dusting with a dry cloth. If you wish to use an aerosol cleaning spray, do not spray directly on the cabinet; spray onto the cloth. Be careful not to damage the drive units.
14. Attachments: Do not use attachments not recommended by the product manufacturer, as they may cause hazards.
15. Accessories & placement: Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
16. Moving the product: move the product with care. Quick stops, excessive force and uneven surfaces may cause the product and cart or table combination to overturn.
17. When not in use: The power cord of the appliance should be unplugged from the outlet during lightning storms or when the apparatus is left unused for a long period of time.

18. **Servicing:** Do not attempt to service the product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer servicing to qualified service personnel. Remove the power plug from the main power source or wall power source when not in use. When plugged into a power source, the system remains in standby mode and thus power is not entirely off.
19. **Replacement parts:** when replacement parts are required, ensure the service technician uses replacement parts specified by the manufacturer. Unauthorized substitutions may result in fire, electric shock or other hazards.
20. **Main fuses:** for continued protection against fire hazard, use fuses only of the correct type and rating. The correct fuse specification for each voltage range is marked on the product.
21. **Volume Adjustments:** Do not turn up the volume while listening to a section with very low level inputs or no audio signals. The speaker may be damaged when a peak level section is suddenly played.
22. **Power Supply:** to completely disconnect the product from the power supply remove the power cord from the wall outlet or the product. The wall outlet or the power cord entry to the product must remain accessible while the product is in use. Try to install the product near a wall socket or extension cord and in order to be easily accessible.
23. **Ambient Temperature:** highest environmental temperature suitable for this product is 40C/110F.

ADVISORY

This Product is intended for **North American markets**. The BTSP200 Series by Grace Digital is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC

ADVISORY

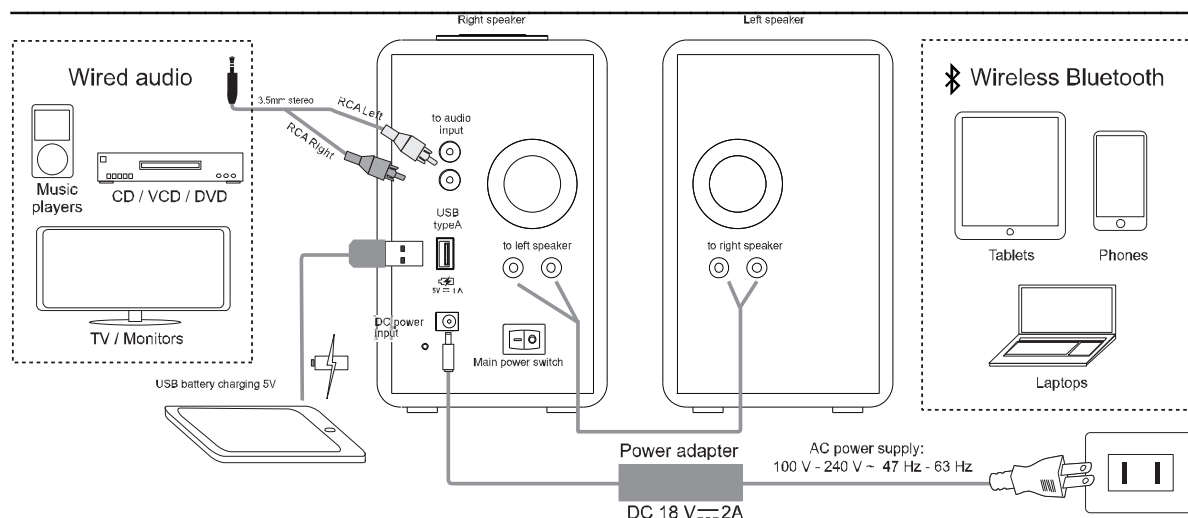
FCC Compliance and Advisory Statement: This device complies with **Part 15** of the **FCC Rules**. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation

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:

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter."



CONNECTIONS & OPERATION



CONNECTIONS

Audio can be played using a Bluetooth® wireless technology music connection or a wired audio music connection

Bluetooth® & Wireless Audio Connection

STEPS:

1. Turn on the main AC power using the power switch at the back of the speaker.
NOTE: system remembers the previously used playback volume setting
2. The Bluetooth LED will light up in blue and initiates pairing (connection) in approximately 3 seconds.
The Bluetooth LED blinks rapidly between red & blue to indicate pairing in progress.
NOTE: Bluetooth mode is the default source selection



Bluetooth

Line in

"Bluetooth"
LED lit up



Pairing sequence begin after 10 seconds.
The system will detect previous paired device within the first 10 seconds.
Blink: red and blue rapidly

3. Select **"Grace Digital"** from the Bluetooth selections on your Bluetooth playback device / Smartphone.



Paired successfully
will blink once every
5 to 6 seconds

Once the System is successfully paired with your Bluetooth device the Bluetooth LED will blink one time approximately every 5 seconds

NOTE: pairing steps may differ depending on the Bluetooth device you are using.

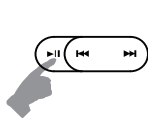
Playback Device Paring Examples:

- **iPhone, iPad , iPod :** go to SETTINGS > GENERAL > enable BLUETOOTH > select **Grace Digital**
- **Android Phones:** go to SETTINGS > WIRELESS & NETWORKS > enable BLUETOOTH > select **Grace Digital**
- **Other Smart Devices:** please refer to the User Guide that came with the device

NOTE: enter the pairing code "0000" if prompted

4. Change to an alternate Bluetooth Playback Device when connected

Change between playback devices by turning off the Bluetooth signal in the paired device. Press & hold the Play/Pause button on the top panel for a few seconds to disconnect the previous Bluetooth device from the System. The System will restart the pairing sequence.



Press & hold
the Play/Pause
button for about
3 seconds



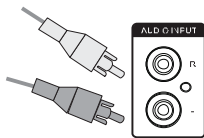
LED blink between red and
blue colours rapidly

NOTE: IF pairing is not completed in approximately 2 minutes the speakers will go into power-saving mode. In this state the Bluetooth LED blinks in red. Press and hold the Play/Pause button to initiate re-pairing.

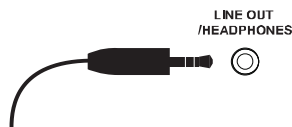
Wired Audio Connection

STEPS:

1. Connect the playback device to the RCA input interface on the back right rear panel of the right speaker. Use the RCA to 3.5mm mini cable included with the speaker.



Connect the
RCA input



Connect the
playback device

2. Press the source button and the Line in LED lights to indicate the speakers are ready to receive audio.



Press the source
button to switch
Bluetooth mode

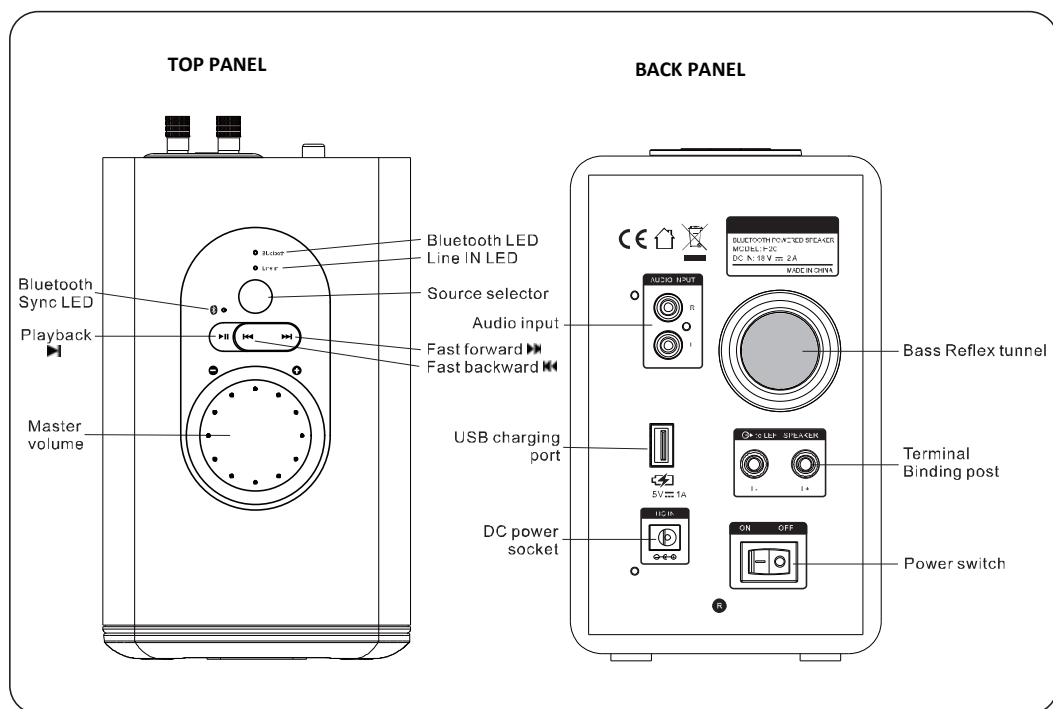
○ Bluetooth



Line in

Line in
LED lit up

OPERATION



Volume Dial

Volume dial is located on the top panel of the left speaker and is rotated to increase & decrease the volume level. The blue LED will blink as the dial is turned and will pause once the upper or lower level limit is reached.



Control Buttons

Controls located on the top panel control the music playback from the connected Bluetooth device. PLAY/PAUSE button will initiate playback or pause the track on the playback device. Fast forward button will skip to the next track, fast backward will return to previous track.

NOTE: Remote Control functions work on Bluetooth devices supporting AVRCP profile only
Compatible with iOS 4.1 or later, Android 1.5 or later and Windows Mobile 5.0 or later systems

USB Charging Port located on the back of the speaker acts as charger for your Bluetooth device (Smartphone or media player) via an USB type A interface.	  5V 1A
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NOTE: for device charging details please refer to the User Guide for your Bluetooth Playback device

Specifications

Amplifier

Output Power: 36 Watt RMS
 Power Distribution: 18 Watt x2
 Harmonic Distortion: <0.5% 1W 1kHz
 Frequency Response: 50 Hz-20kHz
 Signal Noise Ratio: >75dB
 Separation: >45dB

Speakers

Soft Dome Tweeter Drivers: 1" x2
 Tweeter Rated Power: 10 Watt x2
 Composite Paper Cone Woofer: 3.5"
 Bass Rated Power: 20 Watt x2
 Bass Reflex Port

Interfaces

Speaker Output on right channel unit: 5-way binding posts
 Speaker Input on left channel unit: 5-way binding posts
 Analog Input: RCA Analog Jack connections

USB Charger Port: 5V, 1A output
 (charging only, no audio/data transmitting)

Bluetooth: Bluetooth core 4.0 version with aptX, SBC, AAC codecs; A2DP & AVRCP profile

Power Supply

System: DC 18V---2A
 Power adapter: AC 100V-240V 47-63Hz 1A

What's in the box

GDI-SPBT200 Series High-Fidelity Stereo Speakers	2	AC Power Adapter	1
Interconnect Speaker Cable	1	RCA to mini audio cable	1
User Guide	1		

FAQ's

	Solutions
No Sound	• Check if the audio source is working well • Check if the audio and speaker cables well connected • Check if the Bluetooth profile is supported, and is connected successfully
One or more speaker has no sound	• Check if the speaker cable is connected correctly, and ensure the source is connected successfully.
Static sound heard when volume knob is turned	• Turn off the playback source first, then turn the speaker volume knob several times. Playback again and monitor. The static noise is due to dust, so simply turning the volume will remove it easily.
What are the products supported?	• Any playback devices that support Bluetooth audio profiles, and analog connection to PC, notebook, CD/DVD player, media players with 3.5mm stereo output socket.
Sound is distorted	• Check if the source file is not corrupted and the bit rate is above 192 for better song performance, try playing a different song track and test.
Where to place this speaker system?	• It is magnetically shielded so can be placed near any LCD TV monitor without any distortion. It should preferably place left and right position of the listener, equally spaced to achieve stereo effect. It should also be placed near an AC power source for its operation.
If the problem still exists, please contact the distributor or seek professional advice.	