Wireless Speaker Kit Instructions

Effective November 2019

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DO NOT PRINT

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Wireless Speaker Kit Instructions	57033		
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Special Notes None			

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GENERAL SAFETY WARNINGS

This product is designed only for specific applications as defined in the instructions and should not be modified or used for any manner not described in these instructions. Use only recommended accessories. Before using the Wireless Speaker Kit: **READ, UNDERSTAND** and **FOLLOW ALL INSTRUCTIONS AND SAFETY WARNINGS. KEEP THESE INSTRUCTIONS READILY AVAILABLE FOR FUTURE REFERENCE.**

> Always confirm that you are using the most recent version of the Instructions and safety warnings for your product (see the Instructions link on the product page at Rockler.com).

> Before using another tool with this product, always read, understand and follow the instructions and safety warnings in the owner's manual for that tool. If you do not have the owner's manual, obtain one from the tool's manufacturer before using it with this product.

> Before using any chemical with this product, always read, understand and follow all safety warnings and guidelines in the manufacturer's Safety Data Sheet (SDS; formerly called "MSDS"), especially regarding:
- How to safely use the chemical, including potential hazards and recommended first aid measures;
- Personal safety equipment required to safely use the chemical (e.g. gloves, eye protection, mask/respirator, etc.);
- Proper and safe handling, storage and disposal of the chemical.

> Before using this product, review and verify that all tools to be used with it have safety equipment installed and are in proper working order as defined by the tool's owner's manual.

> Do not use this product until you have read and are confident you understand:
- Product Specific Warnings (pp. 3 - 4);
- Assembly (p. 5);
- Connecting to Your Device (p. 6);
- Operating Controls (p. 6).

> The user assumes all risk and responsibility for the proper and safe use of this product and for ensuring product suitability for the intended application.

> It is the sole responsibility of the purchaser of this product to ensure that any anyone you allow to use this product reads and complies with all instructions and safety precautions outlined in this manual prior to use.

> Follow all standard shop safety practices, including:
- Keep children and bystanders away from the tool operating area;
- Do **NOT** use power tools in explosive environments, or in the presence of flammable liquids, fumes or dust;
- **TURN OFF AND UNPLUG** all power tools **BEFORE** making any adjustments or changing accessories;
- Remain alert and use good judgment. Do not use this product if you are in any way impaired by medications, alcohol, drugs or fatigue;
- Keep your work area well lit and clean;
- Dress appropriately. Secure loose clothing, remove all jewelry and tie up long hair before using this product;
- **ALWAYS** wear safety glasses, hearing protection and respiratory protection that complies with NIOSH/OSHA/ANSI safety standards;
- Use dust collection tools and dust face masks to reduce exposure to dust;
- Use safety equipment such as featherboards, push sticks and push blocks, etc., when appropriate;
- Maintain proper footing at all times and do not overreach;
- Do **NOT** force woodworking tools.

> These warnings and instructions do **NOT** represent the total of all information available regarding tool safety, use and technique. Always seek out opportunities to learn more and improve your skills and knowledge.

⚠**WARNING:** Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known ot the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

SAFETY WARNING KEY

⚠DANGER	Danger indicates a hazardous situation that, if not avoided, will result in death or serious injury.
⚠WARNING	Warning indicates a hazardous situation that, if not avoided, could result in death or serious injury.
⚠CAUTION	Caution indicates a hazardous situation that, if not avoided, may result in minor or moderate injury or property damage.
NOTICE	Notice indicates important or helpful information and/or user tips.

PRODUCT SPECIFIC SAFETY WARNINGS

⚠WARNING

> Read, understand and follow all safety warnings included in these instructions. Keep these instructions in a place where they will be readily accessible later.

> To reduce the risk of fire or electric shock, do **NOT** expose this apparatus to rain or moisture. As with any electronic products, use care not to spill liquids into any part of the product. Exposure to liquids may create a failure and/or fire hazard.

> Do **NOT** place open-flame sources, such as lighted candles, on or near the product.

> Do **NOT** use near any heat sources such as radiators, heat registers, stoves, prolonged direct sunlight or other apparatus that produce heat.

> Do **NOT** subject batteries to mechanical shock.

> This device uses an internal rechargeable lithium-ion battery that should last the lifetime of the device. Never disassemble the unit or attempt to remove the battery as that could cause leakage of an electrolytic substance.

> In the event of a battery leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

> Do **NOT** use any charger other than that specifically provided for use with the equipment.

> Do **NOT** leave a battery on prolonged charge when not in use.

> After extended periods of storage, it may be necessary to charge and discharge the batteries several times to obtain maximum performance.

> Batteries give their best performance when they are operated at normal room temperature 68°F (20°C) ± 9°F (5°C).

> This product contains magnetic material. Contact your physician if you have questions on whether this might affect the operation of your implantable medical device.

Product Specific Safety Warnings continued on page 4

⚠ CAUTION

- Do not make unauthorized alterations to the product; doing so may compromise safety, regulatory compliance and system performance.
- This product is not designed and has not been tested for use in recreational vehicles or on boats.
- This product is intended to be used only with the power supply provided.
- When working with epoxy, make sure the area is well-ventilated, wear nitrile gloves and use an applicator. Avoid contact with skin or clothing.

Fig. 1

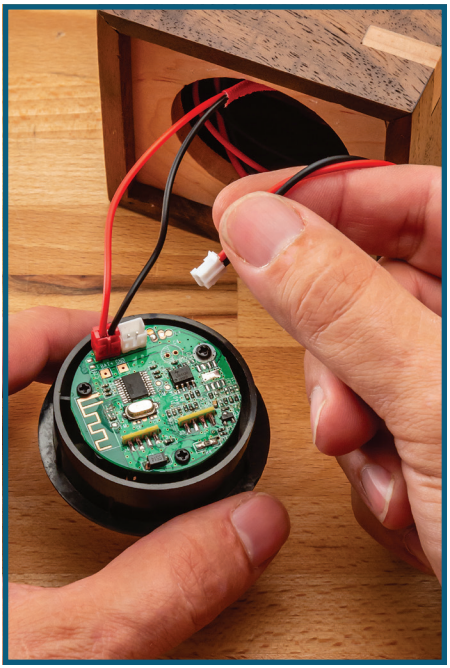


Fig. 2

Assembly

NOTICE Recommended interior dimensions of speaker enclosure: 3¼" x 3¼" x 2⅜".

The Wireless Speaker Kit, which includes one speaker unit with connector wires and one control unit, can be mounted in solid material or in a hollow or box-type structure.

If the two components are to be installed back to back, the distance from the front of the material or box to the back must be at least 2" but no more than 12" to allow wire connections to be made.

NOTICE If you're installing the speaker into a solid block, you will need to chisel out a relief area behind the opening to accommodate the battery and angle the battery to insert it.

1. Use a coping or scroll saw or a drill with a Forstner bit (55985, sold separately) or hole saw to cut a 1⅞" diameter hole for mounting the speaker and control units.

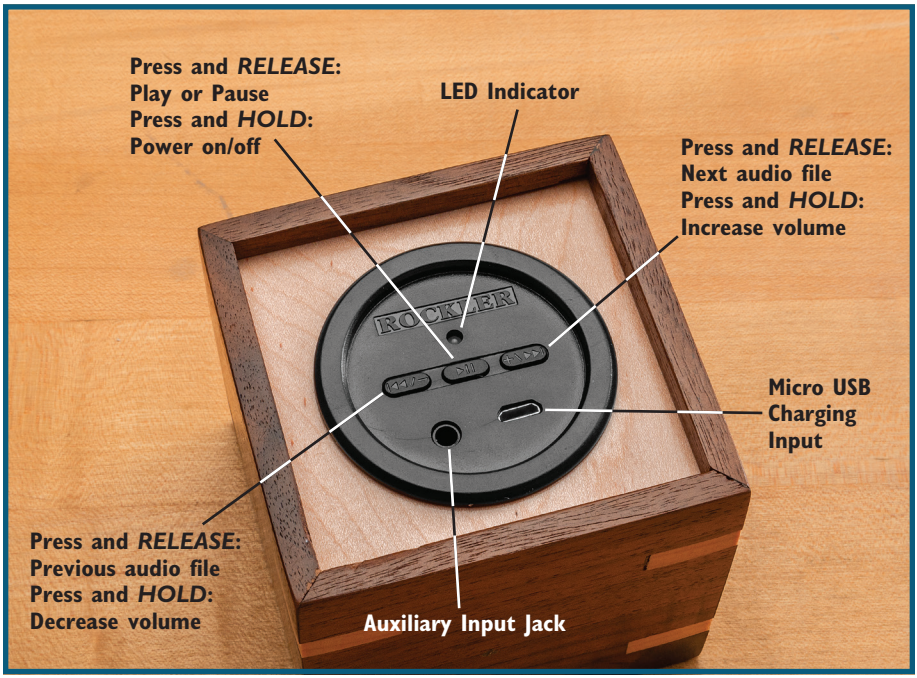
Fig. 1. Solid material will require a through hole; a hollow box will require matching holes in front and back.

⚠ CAUTION When working with epoxy, make sure the area is well-ventilated, wear nitrile gloves and use an applicator. Avoid contact with skin or clothing.

2. Press fit or, if desired, epoxy the speaker unit into the front of the mounting structure. Make sure you will have access to the color-coded wires/connectors. Be sure to wipe away any excess epoxy.

3. Connect the wires from the speaker unit to the control unit, pressing the red connector at the end of one set of wires into the red port on the back of the control unit and the white connecter on the other set of wires into the white port. **Fig. 2.**

4. Push the wires inside the opening and press fit or epoxy the control unit into the rear mounting hole.



Wireless Speaker Controls

Connecting to Your Device

> **NOTICE** The LED indicator light will be red while the battery is charging and go off when the battery is fully charged. Battery life is up to four hours.

1. Charge the speaker by plugging the small end of the included USB cord into the control unit and the other end into a power source.
2. Once the battery is charged, disconnect the speaker. Make sure **Bluetooth®** connectivity is enabled on your device.
3. Turn on the speaker by pressing and holding the ▶II button on the back of the control unit for three seconds. The blue LED will blink.
4. When you open your device, "My BT Speaker" should appear onscreen. Select it and wait for the connection to be established. Once a connection is established, the blue LED will blink quickly and you will hear a tone.

Operating Controls

On/off: Press and hold the ▶II button on the back of the control unit.

Play/Pause: Press and release ▶II to pause or play.

Forward/back: To advance to the next audio file, press and release the +\▶▶I button. To go back to the previous audio file, press and release the I◀◀/− button.

Volume up/down: The speaker volume can be controlled at the speaker or through the app that you are using to play audio. To increase volume at the speaker, press and hold the +\▶▶I button. To decrease volume, press and hold the I◀◀/− button.

Auxiliary Input Jack: Allows you to connect a device via cable. Accepts a 3.5mm plug.

Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com

IDENTIFICATION OF ASSEMBLED PRODUCT
57033 WIRELESS SPEAKER KIT
FCC ID: 2AT7N-57033

⚠CAUTION Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

APPLICABLE COMPLIANCE STATEMENTS

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

BLUETOOTH® Version	5.0
BLUETOOTH® Profile	A2DP, AVRCP, HFP, HSP
Transducer	1 x 40mm
Output Power	3W
Frequency Response	180Hz-20khz
Signal-to-Noise Ratio	*≥80dB*
Battery Charge Time	1hr
Battery Play Time	3-4 hours 70% volume
Battery Capacity	500mAh
Weight	78g
BLUETOOTH® Transmitter Power	4dBm
BLUETOOTH® Transmitter Frequency Range	2.402-2.480GHz
BLUETOOTH® Transmitter Modulation	GFSK,PI/4DQPSK
Power Supply	DC 3.7V by battery or DC 5V by adapter
Audio Input	AUX
Charging Type	Micro USB

FCC Caution:

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.