

# EXPEDITION EXPRESS

## Owner's Manual



**SAMSON®**

Copyright 2013

v1.1

Samson Technologies Corp.

45 Gilpin Avenue

Hauppauge, New York 11788-8816

Phone: 1-800-3-SAMSON (1-800-372-6766)

Fax: 631-784-2201

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

The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Samson Technologies is under license. Other trademarks and trade names are those of their respective owners.”

# Important Safety Information



AVIS  
RISQUE DE CHOC ÉLECTRONIQUE -  
NE PAS OUVRIR

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER (OR BACK) AS THERE ARE NO  
USER-SERVICEABLE PARTS INSIDE. REFER SERVICING  
TO QUALIFIED SERVICE PERSONNEL.



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

---



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private household in the 25 member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).

For Countries not mentioned above, please contact your local authorities for a correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.

# Important Safety Information

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug the apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Service is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquid such as vases shall be placed on the apparatus.
16. Caution-to prevent electrical shock, match wide blade plug wide slot fully insert.
17. Please keep a good ventilation environment around the entire unit.
18. To prevent injury, this apparatus must be securely attached to the stand in accordance with the installation instructions.
19. **WARNING:** The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
20. **CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.



# Important Safety Information

## FCC Notice

1. 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.
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## FCC 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.

## RF Warning Statement

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

This device complies with RSS-310 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.

**CE2200** 

---

# Table of Contents

Introduction . . . . .	7
Rear Panel Features . . . . .	8
Quick Start . . . . .	9
Pairing with a <i>Bluetooth</i> <sup>®</sup> device . . . . .	10
Charging the Battery . . . . .	11
Speaker Placement . . . . .	12
Avoiding Feedback. . . . .	13
Making Connections . . . . .	14
Specifications . . . . .	15

---

## Introduction

Thank you for purchasing the Expedition Express battery-powered portable sound system, featuring wireless *Bluetooth*<sup>®</sup> connectivity, to stream audio from your smart phone, tablet, or computer. The Expedition Express is a complete all-in-one solution providing the flexibility of a three-channel mixer (with inputs for a microphone, instrument, and line level devices), a line output for linking multiple speakers, and bass and treble tone controls.

Lightweight and compact, the Expedition Express weighs less than 10lbs making it an excellent complement to any mobile speaker situation. The internal battery provides eight hours of audio on a full charge. The Expedition Express can also be powered by the included AC adaptor for continuous audio.

Whether you are looking for a sound system for use outdoors, in the classroom, for karaoke, for presentations, or performing live music, the Expedition Express provides high quality, portable audio in a small self-powered package.

We recommend you keep the following records for reference, as well as a copy of your sales receipt.

Serial number: \_\_\_\_\_

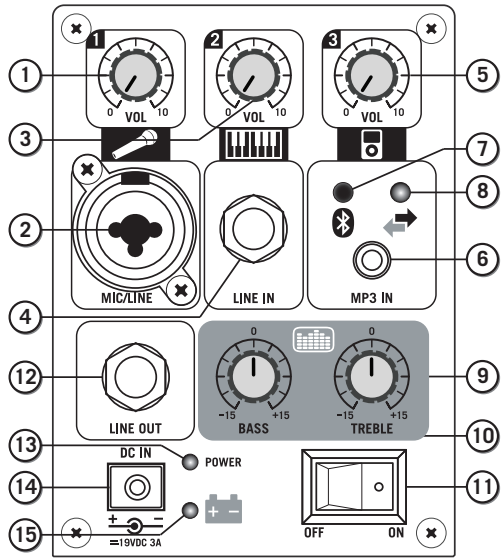
Date of purchase: \_\_\_\_\_

Dealer name: \_\_\_\_\_

With proper care and maintenance, your Expedition Express will operate trouble-free for many years. Should your speaker ever require servicing, a Return Authorization (RA) number must be obtained before shipping your unit to Samson. Without this number, the unit will not be accepted. Please call Samson at 1-800-3SAMSON (1-800-372-6766) for an RA number prior to shipping your unit. Please retain the original packing materials and, if possible, return the unit in its original carton. If your Expedition Express was purchased outside of the United States, contact your local distributor for warranty details and service information.

# Rear Panel Features

1. **VOL (Ch1)** - Used to control the level of the Mic/Line input.
2. **MIC/LINE** - Use this XLR/¼" input for microphone or a line signal.
3. **VOL (Ch2)** - Used to control the level of the line input.
4. **INSTRUMENT Input** - ¼" input used to connect instrument or line level signals.
5. **VOL (Ch3)** - Used to control the level of the *Bluetooth*® and MP3 inputs.
6. **MP3 IN** - Connect a line level device using a 3.5mm audio cable.
7. **Pairing Button** - Press this button to enable discoverable mode to pair with a *Bluetooth* audio device.
8. **Pairing Indicator** - Displays the *Bluetooth* status of the Expedition Express system.
9. **TREBLE** - Controls the high frequency tone of the entire system.
10. **BASS** - Controls the low frequency tone of the entire system.
11. **Power** - Switches on the main power.
12. **LINE OUT** - ¼" output connector to link multiple Expedition Express systems together.
13. **POWER Indicator** - Lights red when the audio power switch is turned on.
14. **DC IN** - Connect the supplied power adapter here.
15. **Battery Indicator** - Displays the status of the battery charge level.





## Quick Start

Follow these steps below to quickly get started using your Expedition Express portable sound system.

- Set the Expedition Express's power switch to the **OFF** position, and fully turn all of the **VOL** controls counterclockwise to **0**.
- If an outlet is available, connect the included power adaptor to the **DC IN** of the speaker, and plug it into an AC socket.
- Connect a microphone using a standard XLR cable, instrument and line level equipment using a ¼" instrument cable, or portable audio device using a ⅛" cable.
- Switch on the Expedition Express power.
- While speaking into the microphone, playing the instrument, or playing music from a line level audio source, slowly raise the channel **VOL** until you have reached the desired level.

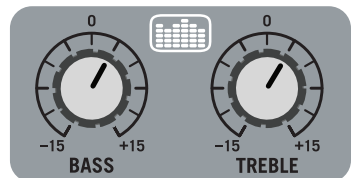
***NOTE: If not using the channel 1 input, turn the VOL control all the way down to keep out any unwanted noise.***

## Using EQ

The Expedition Express feature a 2-band equalizer allowing you to adjust the systems overall high and low frequencies. The system's frequency response is flat when the knobs are in the vertical or "12:00" position. Small movements of the controls can make a big difference. Turning the controls all the way up can cause distortion. Use your ears when adjusting the EQ to fit your application. We have provided two example settings to help you get started fine tuning your system.

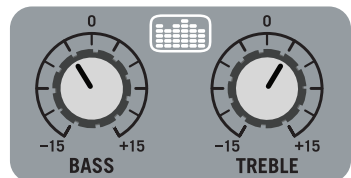
### Setting the EQ for Music

If you are using the Expedition Express for music playback, turn up the BASS and TREBLE slightly to produce a "hi-fi" frequency response that accentuates the low and high ranges.



### Setting the EQ for Vocal

If you are using your Expedition Express with a microphone for speech only, you can reduce the BASS and raise the TREBLE slightly, which will produce a frequency response that accentuates the vocal range.



## Pairing with a *Bluetooth*® device

*Bluetooth*® is a wireless communication technology that allows for connectivity between a wide range of devices. The Expedition Express uses *Bluetooth* to stream high quality audio from your *Bluetooth* enabled device without the need for connecting any cables. In order for your device to work with the Expedition Express it must first be paired.

1. Turn all three channel **VOL** controls all down counterclockwise to **0**.
2. With the Expedition Express and your *Bluetooth* device powered on; press the PAIR button on the rear panel of the Expedition Express speaker to make the speaker discoverable. The *Bluetooth* indicator will slowly flash blue.
3. In the settings of your *Bluetooth* device, set it to “discover” available devices.
4. From the *Bluetooth* device list, select the "Samson Express" device.
5. If your device asks for a passkey, enter digits 0000 (four zeros) and press OK. Some devices may also ask you to accept the connection.
6. As the Expedition Express is connecting to your device, the *Bluetooth* indicator will quickly flash blue.
7. The Expedition Express speaker indicates that pairing is complete when the indicator turns steady blue. You can now stream audio from your device to the Expedition Express speakers.
8. With the volume control on your *Bluetooth* device turned up, play some music, and slowly raise the Expedition Express channel 3 **VOL** control until you have reached the desired level.

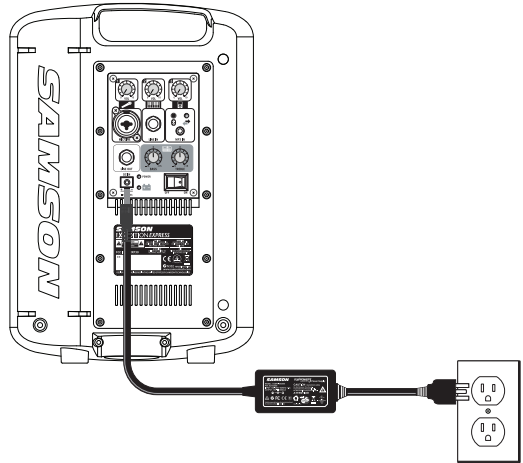


## Charging the Battery

The Expedition Express has an internal, rechargeable battery capable of eight hours of continuous audio on a full charge. Even though the system may have some charge when first taken out of the box, we recommend fully charging your Expedition Express before first using the system.

To charge the battery:

- Set the power switch to the “OFF” position.
- Connect the Expedition Express to an AC power outlet using the included power adapter.
- Keep the system plugged in until the CHARGE indicator changes to green, indicating the battery is fully charged.



The Expedition Express utilizes a sealed lead-acid gel cell battery. When not in use, the battery will slowly self-discharge. If you are planning not to use the Expedition Express for a long period of time, it is advised to fully charge the unit before storing. It is also important to charge the unit every six months when not used. This will ensure a healthy battery and extend its life. If the battery is left with a very low charge for an extended period of time, it is possible to recharge the battery to working condition, but the charge time can take over 24 hours.

If you find that the operation time of the Expedition Express becomes noticeably decreased, even after fully charging, the battery should be replaced. Contact Samson customer service or your local distributor for a replacement battery.

# Speaker Placement

The Expedition Express provides three different placement options for your specific situation.

For maximum sound coverage the Expedition Express can be used with a standard 1 $\frac{3}{8}$ " speaker stand. The speaker should be raised above the heads of the listening audience. Take care when placing the speaker on a stand, to ensure that it is on a level, steady surface and will not tip over.



When using the speaker on the floor, or when the speaker is below the listener, the Expedition Express features a monitor angle position to project the sound up, towards the audience.

For smaller settings, the speaker can be placed vertically on a table or desk.

Take care when placing the Expedition Express in direct sunlight for long periods of time, as this may discolor or damage the unit.

Do not place the speaker on wet surfaces, as it can cause malfunction. If you notice condensation on the unit, dry the speaker before using or storing.

---

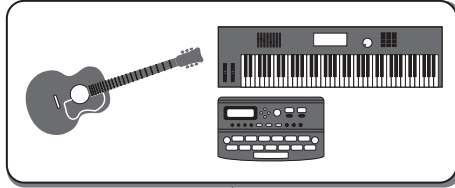
## Avoiding Feedback

Feedback is the annoying howling and squealing that can heard when the microphone picks up sound from the speaker. The sound is then re-amplified back through the speaker again, creating a feedback loop. Follow these steps to minimize the likelihood of feedback:

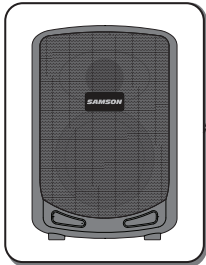
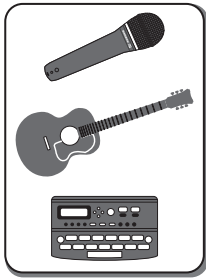
- Avoid pointing the microphone directly at the speaker. In general it is recommended that the microphone be positioned behind the speaker enclosure. This uses the directional characteristics of the speaker and microphone to your advantage.
- Keep the microphone as far from the speaker as possible. This will help achieve isolation between the speaker and the microphone, and allow you to increase the output of the Expedition Express.
- Position the microphone as close to the sound source as possible. This will enable the microphone to pick up more direct sound, and allow you to reduce the microphone input gain control.
- Reduce the overall level of the speaker.

# Making Connections

**Instrument, Keyboard, Drum Machine**

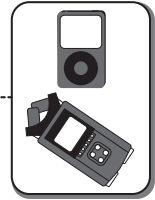


**Microphone, Instrument, Line Level Device**

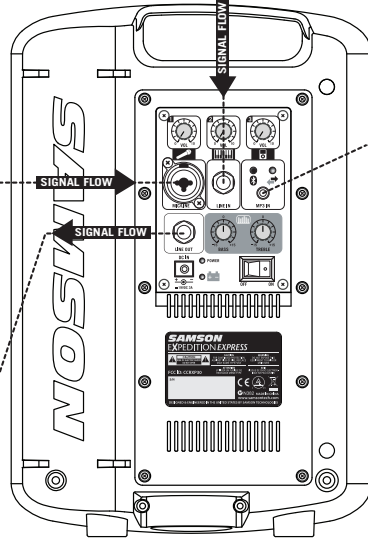


**LINE OUT to a second Expedition Express**

**MP3 Player, Portable Audio**



**Paired Bluetooth Device**



---

# Specifications

## Amplifier

Mic/Instrument Input . . . . .	XLR / 1/4-inch combi connector
LEVEL Controls . . . . .	Mic/Line, INST, MP3/Bluetooth
Tone Controls . . . . .	Treble / Bass, $\pm 15$ dB Independent
Line Input . . . . .	1/4-inch
MP3 Input . . . . .	1/8-inch

## Speakers

Drivers . . . . .	6" Woofer + 1" HF Driver
Built-in Battery . . . . .	12V / 7.5AH, Rechargeable & Sealed
Operation . . . . .	Approx. 8 hours
Battery Charging . . . . .	Approx. 4-6 hours for a Single charge
AC/DC Adapter . . . . .	SMPS AC100~240V, 50~60Hz/ DC19V 3A
Construction . . . . .	Polypropylene, internally ribbed
Grill . . . . .	Perforated Steel Grill, powder coated
Mounting . . . . .	Integral 1 3/8-inch Pole Mount Receptacle
Dimensions . . . . .	8.75" x 8.25" x 12.7" 222mm x 210mm 323 mm
Weight . . . . .	10.5 lb 4.6 kg

Samson Technologies Corp.  
45 Gilpin Avenue  
Hauppauge, New York 11788-8816  
Phone: 1-800-3-SAMSON (1-800-372-6766)  
Fax: 631-784-2201  
[www.samsontech.com](http://www.samsontech.com)