

MEDIAONE BT

ACTIVE STUDIO MONITORS WITH BLUETOOTH



OWNER'S MANUAL

SAMSON®

Introduction

Thank you for purchasing the MediaOne BT Studio Reference Monitor with streaming *Bluetooth®* audio from Samson Technologies. Whether you are in need of a monitor system for your digital recording studio, a video production suite, or if you just want better speakers for gaming and listening to music on your computer, the MediaOne is the perfect solution. The monitor system produces a powerful, full-range sound thanks to the internal amplifier, extended range copolymer woofers, and 1" silk dome tweeters. Plus, the MediaOne system delivers deep bass and extended highs in an amazingly compact size.

The MediaOne system includes one active monitor for the right-side and a passive monitor for the left-side. For easy integration into your audio system, the speakers feature the ability to connect two audio sources through either the rear panel RCA inputs or the front panel 3.5mm Aux input. For listening privacy, the speakers will mute when a pair of headphones are connected. *Bluetooth* connectivity allows you to stream music from your smartphone, tablet, or computer providing the freedom to listen to your music without docking or connecting any wires.

In these pages, you'll find a detailed description of the features of the MediaOne BT monitors, as well as a guided tour through its control panel, step-by-step instructions for its setup and use, and full specifications. You'll also find a warranty card enclosed—don't forget to fill it out and mail it in so that you can receive online technical support and so we can send you updated information about these and other Samson products in the future. Also, be sure to check out our website (www.samsontech.com) for complete information about our full product line.

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

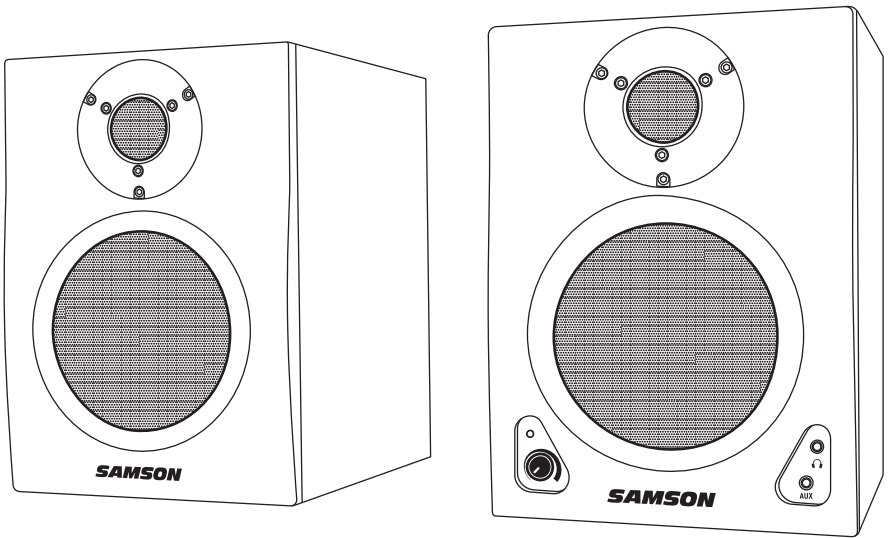
Serial number: _____

Date of purchase: _____

Dealer name: _____

With proper care and maintenance, your MediaOne BT monitors will operate trouble-free for many years. Should your speakers 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.

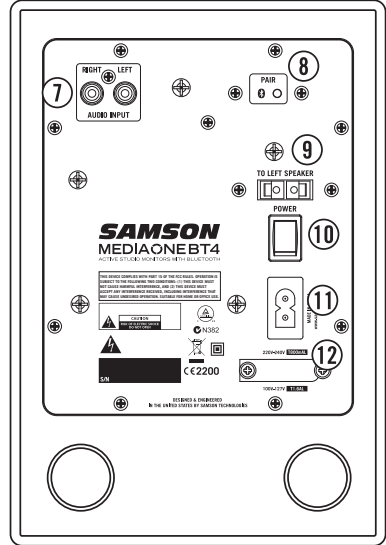
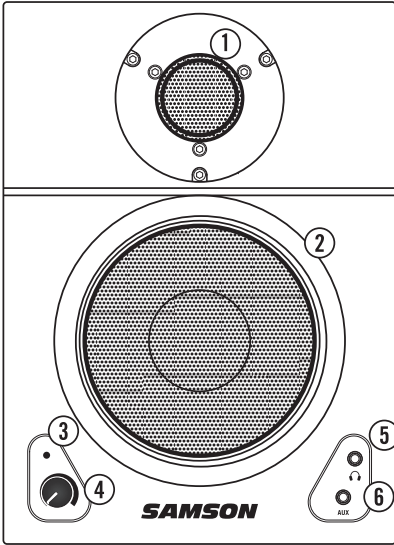
MediaOne BT Features



- Two-way, active studio monitors with ported, tuned enclosures providing extremely accurate monitoring for desktop recording, playback and multi-media applications.
- *Bluetooth*[®] connectivity for streaming music from your smartphone, computer, or other mobile device
- Copolymer woofers with butyl surrounds deliver tight and controlled bass response
- 1" silk dome high frequency driver set in a custom-designed wave guide. Produces smooth and natural high frequency response and a wide listening area
- Front panel volume control allows you to easily adjust level
- Front panel 3.5mm Aux input for connecting a second audio source from an MP3 player, laptop, or any stereo portable audio device
- Front panel stereo 3.5mm headphone jack automatically turns off the speakers when headphones are connected
- Rear panel RCA inputs accept standard -10 dBV line level input for connecting audio from your computer, mixer, and other stereo line level devices
- Solid MDF (Medium Density Fiberboard) construction, provides maximum sound pressure level

MediaOne BT Layout

Active Speaker (right speaker)



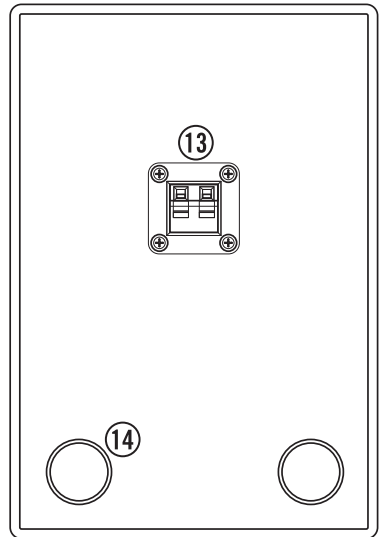
1. **Tweeter** - 1" silk dome tweeter set in a custom waveguide
2. **Low Frequency Driver** - Heavy duty woofer with a polypropylene cone and butyl surround for extend low frequency response
3. **Power/Pairing Indicator (active)** - Bi-color LED lights green indicating the unit is powered on, and blue when paired with a *Bluetooth*® device. Alternatively flashes green and blue when in pairing mode
4. **VOLUME (active)** - Controls the overall amount of output level
5. **Headphone Jack** - 3.5mm stereo output jack for connecting headphones. The monitors automatically mute when headphones are connected
6. **Aux Input** - 3.5mm stereo input jack for connecting a second line level audio source.
7. **AUDIO INPUT** - Unbalanced, Stereo RCA-type input connectors, for connecting audio output from consumer level (-10dBV) devices such as a computer, MP3 player, or smartphone. The red connector is the for right input and the white is for the left input.

MediaOne BT Layout

8. **PAIR Switch** - Press this switch to activate discoverable mode to connect and pair with a *Bluetooth®* device
9. **TO LEFT SPEAKER** - Push Terminals for connecting the passive left-side extension speaker using the included two-conductor speaker cable. Be sure to match the polarity of the right and left speaker by matching the color of the terminals: connect the red speaker terminal of the right side speaker to the red speaker terminal for the left side speaker, and the black speaker terminal of the right side speaker to the black speaker terminal of the left side speaker.
10. **POWER Switch** - Main power switch
11. **AC INLET** - Connect the supplied power cable here
12. **Voltage Selection Switch** - This switch is used to select the amplifiers operating voltage
NOTE: Before using your speaker, be sure the Voltage Selection Switch is set to the correct voltage for your country.

Passive Speaker (left speaker)

13. **Speaker Connections** - Push Terminals for connecting the passive left-side extension speaker using the included two-conductor speaker cable. Be sure to match the polarity of the right and left speakers by matching the color of the terminals: connect the red speaker terminal of the right side speaker to the red speaker terminal for the left side speaker, and the black speaker terminal of the right side speaker to the black speaker terminal of the left side speaker.
14. **Bass Port** - Tuned low frequency bass port for extending the low end of the speaker cabinets. Do not block the ports as this will restrict the overall performance of the speakers.



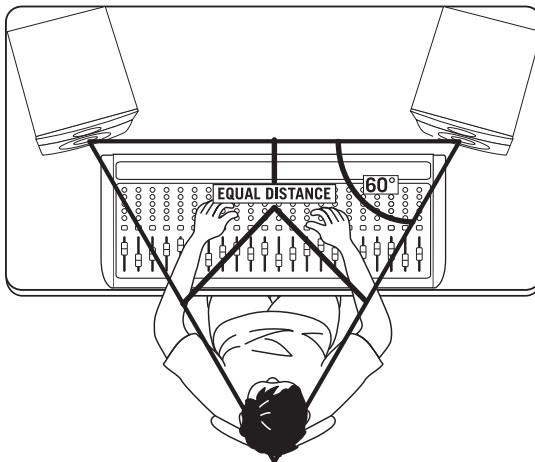
Positioning the Speakers

A major objective when setting up your studio monitors is to obtain the best possible stereo image. The MediaOne BT monitors are designed to be used in a vertical position, with the tweeter and woofer symmetrically in line. Do not place these speakers horizontally as this will cause an offset in sound between the woofer and the tweeter, limiting your ability to find optimal listening positions.

Near field (close to the listener) monitoring has become the choice of many engineers because of the cost and complexities associated with mounting monitors onto a wall. Positioning your studio monitors correctly is very important. Correct placement not only creates the proper stereo image, but also minimizes the effects of your room's reflections. This is especially important in today's project studios, which are often multi-use spaces. By taking some time and listening carefully when setting up your monitors, you can create an optimal listening environment.

The most important consideration when evaluating room acoustics is the presence of reflective surfaces near the monitoring area. These can include flat tabletops, glass mirrors or framed pictures, large open walls and even the surface of your mixing console. Most reflecting sound will eventually reach the listening position, but since it is slightly delayed from the direct source, the result is random cancellation of some frequencies, or comb filtering. If possible, remove any and all reflective surfaces. You may also want to hang some acoustic foam on walls near the monitors.

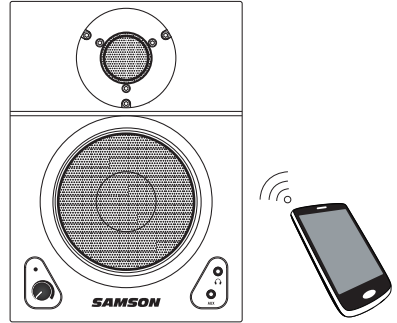
When positioning the monitors, you'll want to set up what is commonly referred to as the "mix triangle" (shown below). In this ideal configuration, the space between the left and right monitor is equal to the distance from the listener to each monitor, forming an equilateral triangle.



Pairing with a *Bluetooth*[®] Device

Bluetooth[®] is a wireless communication technology that allows for connectivity between a wide range of devices. The MediaOne BT 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 MediaOne BT it must first be paired.

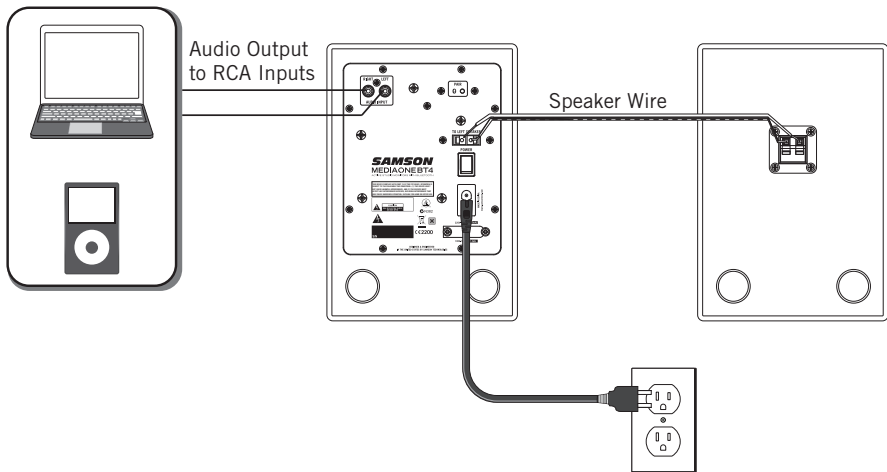
1. Turn the front panel volume control counterclockwise to the 0 position.
2. With the MediaOne BT and your *Bluetooth* device powered on; press the PAIR button on the rear panel of the MediaOne BT speaker to make the speaker discoverable. The front panel indicator will slowly flash blue.
3. In the settings of your *Bluetooth* device, set it to "discover" available devices.
4. From the *Bluetooth* device list, select the "Samson BT" 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 MediaOne BT is connecting to your device, the front panel indicator will turn green for a few seconds then quickly flash blue.
7. The MediaOne BT speaker indicates that pairing is complete when the indicator turns steady blue. You can now stream audio from your device to the MediaOne BT speakers.
8. With the volume control on your *Bluetooth* device turned up, play some music and slowly raise the MediaOne BT volume control until you have reached the desired level.



Making Connections

The MediaOne BT main input connections can be made via the rear panel RCA inputs. Follow the simple steps and diagram below for a quick connection using a standard recording console's control room outputs.

1. Connect the left and right speakers using the included two-conductor speaker cable. To guarantee for the best performance and avoid phase cancellation problems, connect the red speaker terminal of the right side speaker to the red speaker terminal for the left side speaker, and the black speaker terminal of the right side speaker to the black speaker terminal of the left side speaker.
2. Connect the audio output from your audio source such as a computer, MP3 player or portable audio device to the RCA inputs of the MediaOne BT right side speaker.
3. Turn the MediaOne BT volume control completely counter-clockwise to the minimum setting.
4. Connect the MediaOne BT to an AC power outlet using the included power cable.
5. Turn the power switch on the MediaOne BT to the ON position.
6. Play music from you audio source and slowly raise the volume of the MediaOne BT to a comfortable listening level.

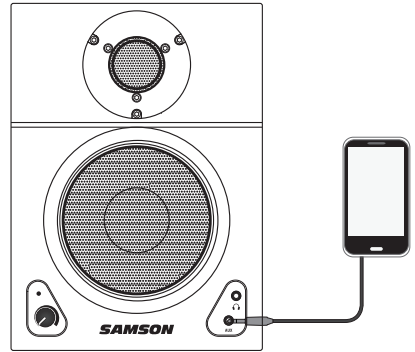


Note: Before plugging in and turning on, remember the “last on, first off” rule of powered speakers. When powering up your system, be sure that all the wires are connected, turn your mixer and any other outboard gear on, and then last turn on your MediaOne BT. When powering down, turn your MediaOne BT off first and then your mixer and outboard gear.

Aux Input

Follow these steps to add another audio device, such as a smartphone or MP3 player, to the Aux Input of the MediaOne BT monitor.

1. Plug an audio cable from the audio device into the $\frac{1}{8}$ " AUX input connector on the front of the MediaOne BT speaker.
2. Turn the MediaOne BT volume control completely counter-clockwise to the minimum setting.
3. Adjust the volume on the connected audio device to almost the maximum setting. Play music from you audio source and slowly raise the volume of the MediaOne BT to a comfortable listening level.



Specifications

Low Frequency Speakers

BT3	3" (76.2mm) woofer, polypropylene cone
BT4	4" (101.6) woofer with polypropylene cone
BT5	5.25" (127mm) woofer polypropylene cone

High Frequency Speaker 1" silkdome tweeter

Frequency response

BT3	80Hz - 27kHz
BT4	45Hz - 27kHz
BT5	40Hz - 27kHz

Amplifier Power Rating

BT3	2 x 15 watts (RMS) / 2 x 30 watts (Peak)
BT4	2 x 20 watts (RMS) / 2 x 40 watts (Peak)
BT5	2 x 20 watts (RMS) / 2 x 40 watts (Peak)

Inputs Connectors RCA (rear panel), 3.5mm (front panel), -10dBV unbalanced, line level

Headphone 1/8" Stereo Output

Controls Volume Control, Bluetooth Pairing Button

Wireless Audio Bluetooth (A2DP)

Indicators Bi-color - Green (Power), Blue (Bluetooth)

Enclosure MDF with textured vinyl covering

Fuse

BT3	
100V-127V	T1A1 250V Slow Blow
220V-240V	T800mA 250V Slow Blow

BT4	
100V-127V	T1.6A 250V Slow Blow
220V-240V	T800mA 250V Slow Blow

BT5	
100V-127V	T1.6A 250V Slow Blow
220V-240V	T800mA 250V Slow Blow

Dimensions (LxWxH)

BT3	5.5" x 6.6" x 7.8" (140mm x 167mm x 199mm)
BT4	6.6" x 7.9" x 9" (169mm x 200mm x 231mm)
BT5	8" x 9" x 11" (205mm x 229mm x 282mm)

Weight

BT3	10.56 lb / 4.8 kg (pair)
BT4	16 lb / 7.3 kg (pair)
BT5	21.12 lb / 9.6 kg (pair)

Specifications are subject to change without notice.