

SIX YEAR WARRANTY



MADE IN THE USA

# BEACON

*Portable Sound System*

## *Perfect for...*

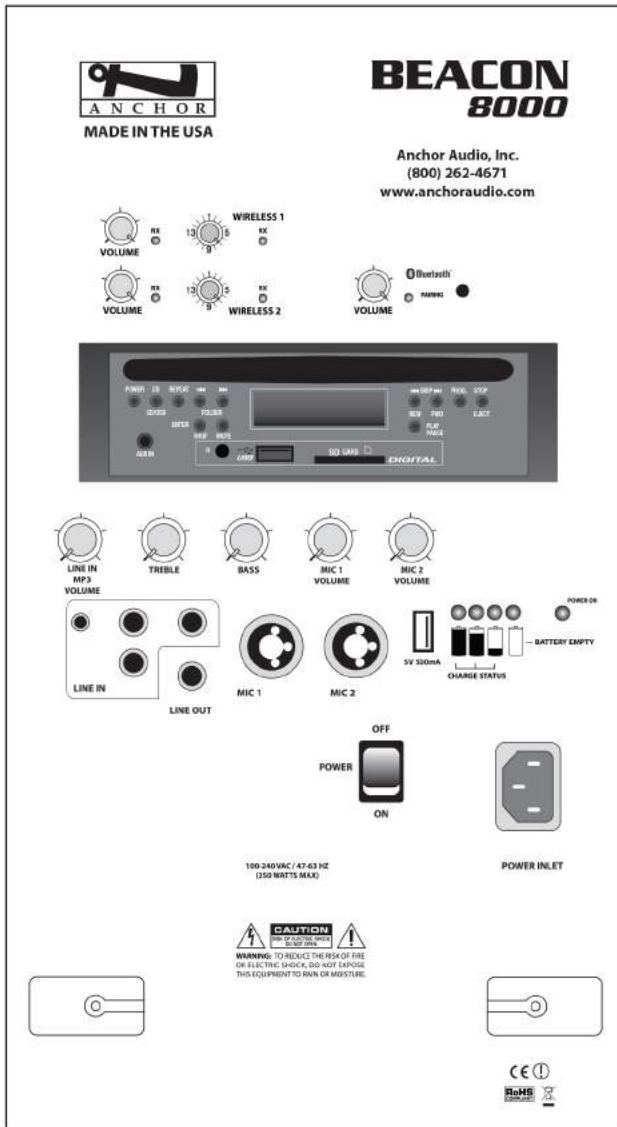
- Indoor & Outdoor Events
- Schools & Universities
- Sporting Events
- Graduations
- Auditoriums
- Assemblies
- House of Worship
- Parks & Recreation
- Auctions
- Military Training & Ceremonies
- Fitness Centers
- Parades & Community Celebrations
- Ceremonies
- Rental
- Public Gatherings
- Weddings
- and more!



# BEACON LINE ARRAY

## FEATURES

- Reaches crowds of 2,500+
- 120 dB of clear sound
- 150W AC mode / 125W DC mode
- Up to two built-in wireless receivers
- Standard built-in Bluetooth
- Optional built-in CD/MP3 combo player
- Two universal microphone input jacks
- 3.5 mm AUX line input
- Nylon mesh storage bag
- Durable enclosure case with wheels and retractable handle
- Built-in rechargeable batteries operate 6 - 8 hours on a single charge
- Lightweight array tower has eight 4" neodymium speakers
- Base has three 8" neodymium subwoofers



(BEA-8000CU2 Back Panel Shown)

Beacon Models	
BEA-8000	Beacon with Bluetooth
BEA-8000U1	Beacon with Bluetooth & 1 wireless receiver
BEA-8000U2	Beacon with Bluetooth & 2 wireless receivers
BEA-8000C	Beacon with Bluetooth & CD/MP3 combo player
BEA-8000CU1	Beacon with Bluetooth, CD/MP3 combo player & 1 wireless receiver
BEA-8000CU2	Beacon with Bluetooth, CD/MP3 combo player & 2 wireless receivers
Wireless Microphones & Transmitters	
WH-8000	Wireless handheld microphone
WB-8000	Wireless beltpack transmitter (requires handsfree microphone) Microphone options include: Headband/HBM-TA4F, Collar/CM-60, Over-the-Ear/EM-TA4F, or Lapel/LM-60

Technical Specifications	
Rated Power Output	150 watts AC / 125 watts DC
Max SPL @ Rated Power	120 dB @ 1 meter
Battery	Two 12V sealed lead acid rechargeable, 9.0 AH Full recharge: approx 7 hrs
Frequency Response	60 Hz - 15 kHz ± 3dB
Wireless Range	150' line of sight
Line Output (post fader)	isolated, 600 W, 1/4" phone
AC Power Reqs.	100 - 240 VAC, 50/60 Hz, 250W max
USB	5V 500mA
Dimensions Closed (HWD)	28" x 18.5" x 11" (71.1 x 47 x 28 cm)
Dimensions Opened (HWD)	71.5" x 18.5" x 11" (181.6 x 47 x 28 cm)
Weight	60 lbs / 27.2 Kg
Mic Inputs:	Lo-Z (1 KW), balanced, XLR 12 VDC condenser mic (phantom) power Hi-Z (10 KW), unbalanced, 1/4" phone Hi-Z (10 KW), unbalanced, 1/8" stereo
Line In	Stereo RCA, stereo 3.5 mm, 1/4" balanced
Sensitivity For Rated Output	
Lo-Z Microphone	-52 dBV (2.5 mVrms)
Hi-Z Microphone	-43 dBV (7.5 mVrms)
Auxiliary (line)	-14 dBV (200 mVrms)
Phantom Power	36V



# AIR MODEL FEATURES

- One built-in transmitter that wirelessly connects to one or more Beacon AIR receiver speakers
- One built-in receiver that wirelessly connects to the Beacon AIR transmitting speaker
- Expandable to multiple Beacon AIR receiver speakers
- Easily connects to Assistive Listening
- ADA Compliant
- Built-in rechargeable batteries operate 6 - 8 hours on a single charge

*\*All other features are the same as the Beacon 8000 series except option of CD/MP3 combo player*



**BEA-8000XU2**



**BEA-8000RU1**

Beacon AIR Technical Specifications	
AIR Frequency Range	902.000 - 928.000 MHz
Wireless Range	150' line of sight
Weight	73.5 lbs / 33.3 Kg

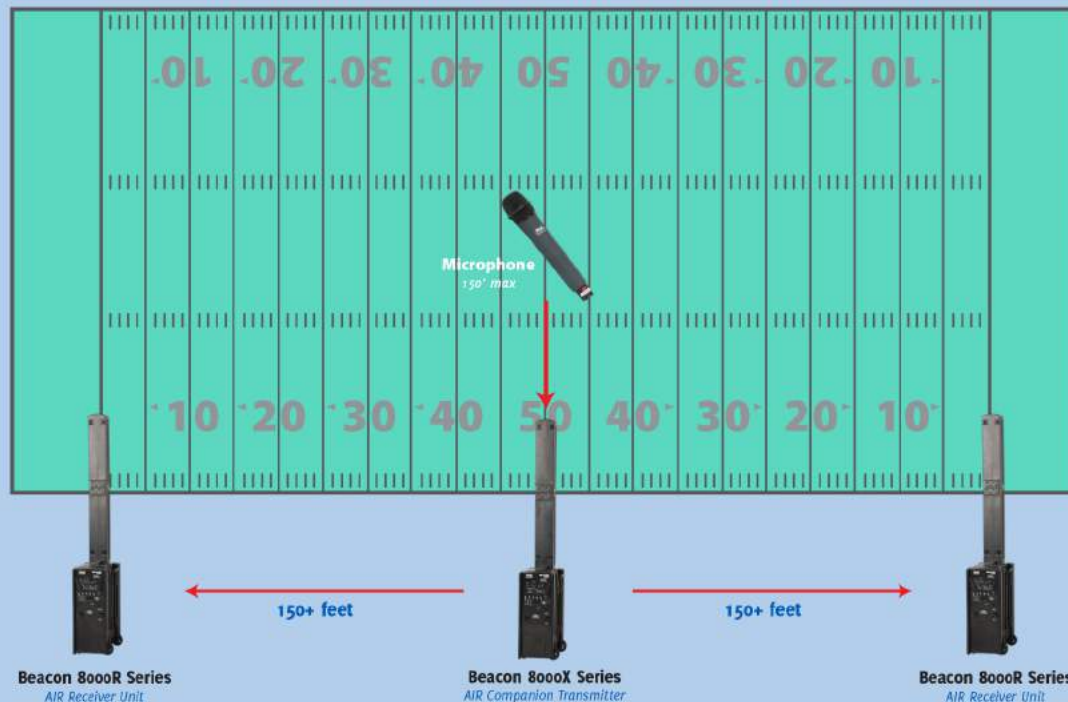
*\*All other features are the same as the Beacon 8000 series*

Beacon AIR Models	
BEA-8000X	Beacon with Bluetooth & AIR wireless transmitter
BEA-8000XU1	Beacon with Bluetooth, AIR wireless transmitter, & 1 wireless receiver
BEA-8000XU2	Beacon with Bluetooth, AIR wireless transmitter, & 2 wireless receivers
BEA-8000R	Beacon with Bluetooth & AIR wireless receiver
BEA-8000RU1	Beacon with Bluetooth, AIR wireless receiver, & 1 wireless receiver
BEA-8000RU2	Beacon with Bluetooth, AIR wireless receiver, & 2 wireless receivers

*(Features & Specifications Subject to Change Without Notice)*



## Anchor AIR System Arrangement



## FREQUENTLY ASKED QUESTIONS

### Q: How does the AIR wireless connection work?

A: Simple! The 8000X series (Bigfoot & Beacon) includes a built-in transmitter - as designated by the X. An 8000R series (Bigfoot & Beacon) includes a built-in receiver - as designated by the R. The transmitter and receivers operate on the 902 – 928 MHz frequency, with 100 user-selectable channels. When set to the same channel, the receivers pick up the audio signal from the transmitter.

### Q: Can I use multiple AIR receiver speakers in one set up?

A: Yes, absolutely. Any 8000X series can transmit to an unlimited number of AIR receiver speakers. All units should be set to the same frequency to receive signal. When setting up your arrangement, be sure to point the systems facing the same direction – pointing the systems directly at one another may cause distortion. AIR units can be placed 150 feet (or more in ideal conditions) from the transmitting main unit.

### Q: I am experiencing interference on all channels. Can I connect with a cable instead of the wireless connection?

A: Yes! All Bigfoot and Beacon AIR units are main units, with either a transmitter or receiver(s) built-in. Main units can be daisy-chained to one another by using the line out to line in jack. The units must have charged batteries, and will not work if batteries are dead.

### Q: What is the range of the AIR wireless connection?

A: Each AIR receiver speaker can be placed up to 150 feet from the main unit transmitter. In ideal conditions, you can place the systems further, however, be aware of physical latency and/or interference. If you are using multiple AIR systems, be sure to center the main unit between all AIR companions.

### Q: I am experiencing interference with my AIR wireless connection, what can I do?

A: Oh no! You have a few options. First, try to change the channel. There are 100 channels to choose from, so be sure to try various frequencies to find a clear channel. You should also double check that your speakers are close enough together to have a strong signal. Be sure all your batteries are fully charged. Additionally, verify your inputs all have a clear signal (such as a wireless microphone, cables, and Bluetooth). Lastly, you can try adjusting the external antennas for a better connection. These fixes may not work for everyone, as there are occasional signals which cannot be avoided (for example being close to a high-power cell tower). If none of these fixes work, please call us. We are happy to help!

### Q: Since the Anchor Audio Assistive Listening Devices are also on 902 – 928 MHz, can they work together to create a simple and reliable ADA compliant sound system?

A: Actually, yes! All 8000X series units will transmit to the AIR companion speakers as well as the ALB-9000 Assistive Listening belt(s). Since all systems are shipped out by default on the 902.000 channel, simply power on your transmitter and receivers (belt(s) and AIR wireless companion), and you instantly have an ADA compliant sound system. Did you know that ADA requirements mandate compliant assistive listening systems for any theater using audio amplification or with a capacity of at least 50 audience members? Try this set up for the easiest solution.