



NYQUIST VoIP Wall Baffle Speaker NQ-S1810WT Installation

Speaker Layout

The layout of the speakers should be planned prior to installation. Because wall baffle speakers are designed to project forward, it is best to aim them in the same direction as this provides for both greater coverage and clarity. You can use the building's roof pillars or other available supports for mounting the wall baffles.

In some cases, it may be necessary to mount the wall baffles on opposing walls. In these cases, the speakers will project sound in opposing directions.

HALLWAY - Wall baffle speakers work well with rooms and hallways that are 20' to 60' wide. Layout starts at one end of the hallway or room. The first speaker should be installed 10' from the end of the hallway or room. The next speaker on that wall should be installed 20' from the first speaker. Each additional speaker should be installed 20' apart from the previous one. The first speaker on the opposing wall should be installed 20' from the end of the hallway or room, thereby staggering the speakers. Each additional speaker should be installed 20' apart from the previous one (see **Figure 1**).

ROOMS - In most cases, an environment, such as a classroom, requires only a single wall baffle speaker to service the entire room. The final placement of the speaker within the room can vary, but common area locations such as at the head of the room or near the room entrance are typically chosen (see **Figure 2**).

Based on the speaker position that has been selected, you can choose between several mounting options (see **Figures 3-6**).

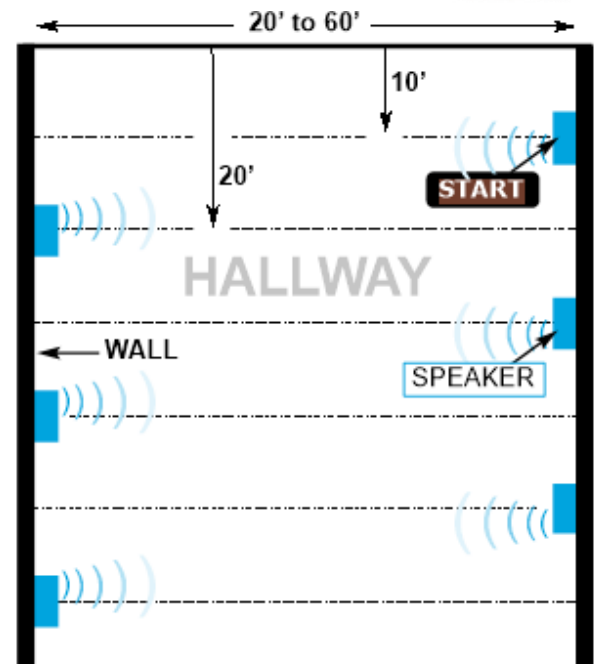


Figure 1

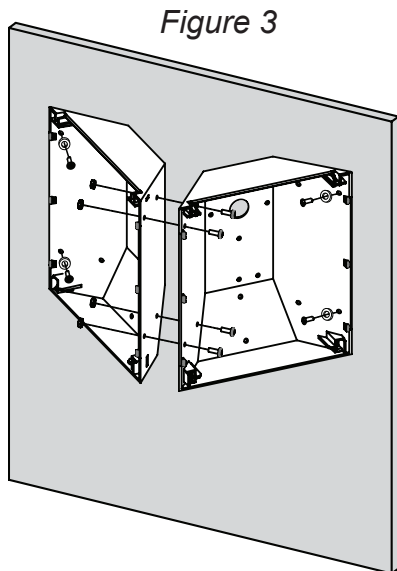


Figure 2

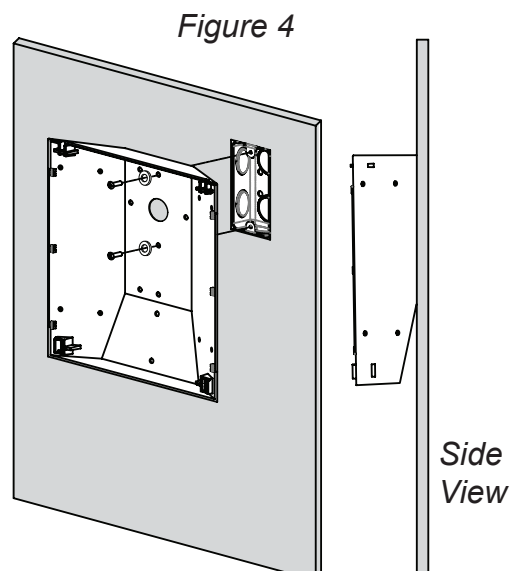
Speaker Installation

Step 1 - Select the mounting option from Figures 3–6 and use the appropriate hardware for gang box mount or wall mount. Bogen provides the screws and the washers for mounting on a standard electrical gang box, but when mounting directly to a wall or other surface, you must supply the appropriate hardware for the specific wall/surface construction type (for example, concrete cinder block, metal beams etc.).

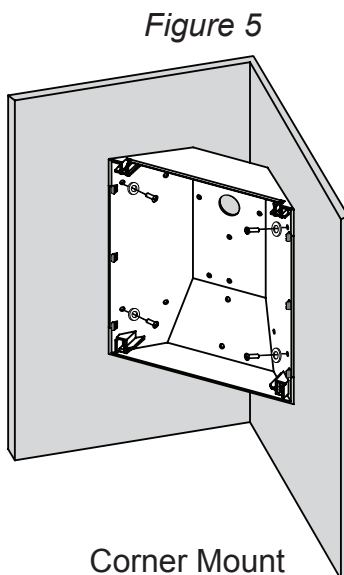
NOTE: Wall baffle speakers should be installed at a height of between 8 and 16 feet from the floor depending upon need.



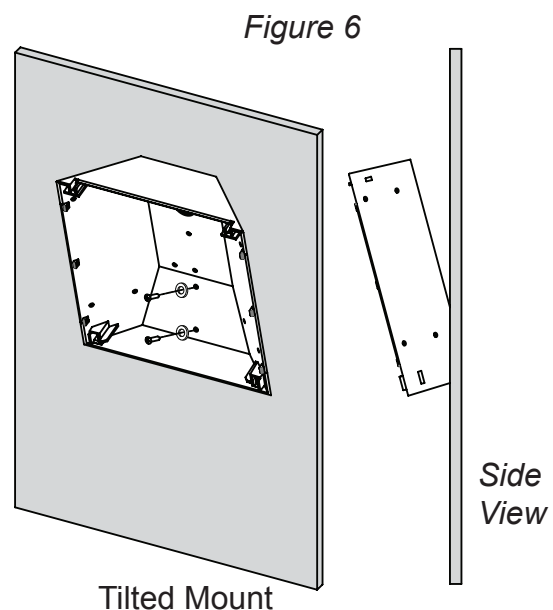
2X2 Wall Mount



Box Mount



Corner Mount



Tilted Mount

Speaker Connection

Step 2 - Use Category 5 or higher Ethernet cable to connect the speaker (*Figure 7*).

The power is supplied by PoE using an 802.3af compliant network switch or PoE injector.

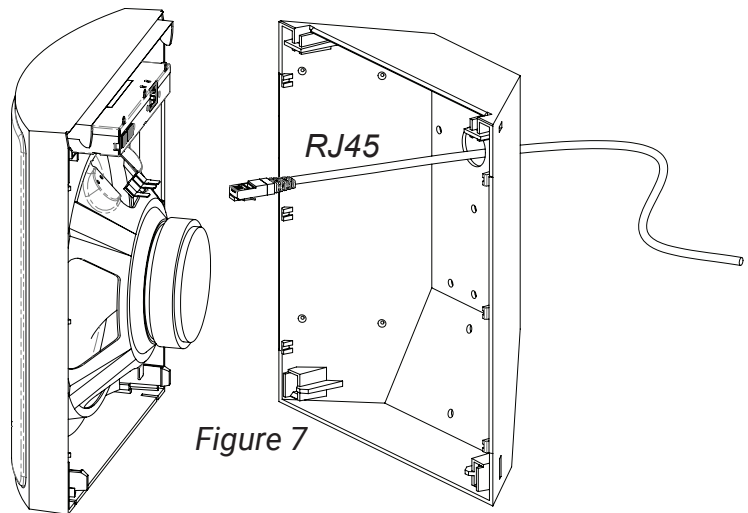


Figure 7

Speaker Assembly

Step 3 - To assemble the Wall Baffle Speaker (*Figure 8*), first align the two notches (A) located at the top of the speaker baffle with the notches (B) at the top of the rear housing. Then, rotate the speaker baffle downward (*Figure 9*) until the two bottom sections (C & D) snap together.

NOTE: Refer to the Nyquist "VoIP Speakers Configuration Manual" or the "Nyquist System Administrator Manual" for detailed instructions on how to configure these speakers.

Additional Accessories

The Nyquist VoIP Wall Baffle Speaker can be used with the Nyquist Digital Call Switch NQ-E7020. Refer to the Nyquist Digital Call Switch NQ-E7020 Quick Start Guide.

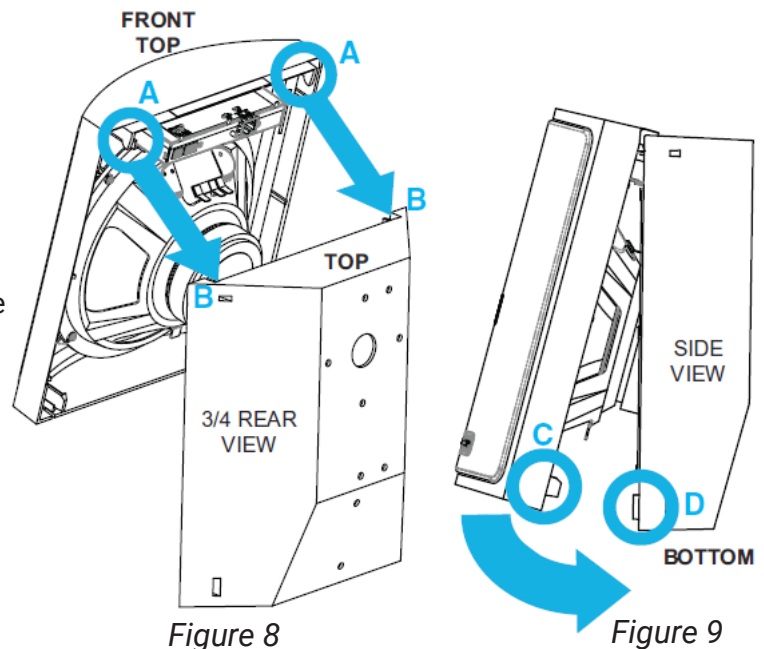


Figure 8

Figure 9

Compliance

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference; in which case, the user will be required to correct the interference at his own expense.

Limited Warranty, Exclusion of Certain Damages

The NQ-S1810WT is warranted to be free from defects in materials and workmanship for five (5) years from the date of sale to the original purchaser. Any part of the product covered by this warranty that, with normal installation and use, becomes defective (as confirmed by Bogen upon inspection) during the warranty period will be repaired or replaced by Bogen, at Bogen's option, with new or refurbished product, provided the product is shipped insured and prepaid to: Bogen Factory Service Department: 4570 Shelby Air Drive, Suite 11, Memphis, TN 38118, USA. Repaired or replacement product(s) will be returned to you freight prepaid. This warranty does not extend to any of our products that have been subjected to abuse, misuse, improper storage, neglect, accident, improper installation or have been modified or repaired or altered in any manner whatsoever, or where the serial number or date code has been removed or defaced.

THE FOREGOING LIMITED WARRANTY IS BOGEN'S SOLE AND EXCLUSIVE WARRANTY AND THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY. BOGEN MAKES NO OTHER WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED AND EXCLUDED TO THE MAXIMUM EXTENT ALLOWABLE BY LAW. Bogen's liability arising out of the manufacture, sale or supplying of products or their use or disposition, whether based upon warranty, contract, tort or otherwise, shall be limited to the price of the product. IN NO EVENT SHALL BOGEN BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF DATA OR LOSS OF USE DAMAGES) ARISING OUT OF THE MANUFACTURE, SALE OR SUPPLYING OF PRODUCTS, EVEN IF BOGEN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

Products that are out of warranty will also be repaired by Bogen Factory Service Department -- same address as above or call 201-934-8500, at owner's expense. Returned products which do not qualify for warranty service, may be repaired or replaced at Bogen's option with a previously repaired or refurbished items. The parts and labor involved in these repairs are warranted for 90 days when repaired by the Bogen Factory Service Department. All parts and labor charges as well as shipping charges will be at the owner's expense.

All returns require a Return Authorization number. For most efficient warranty or repair service, please include a description of the failure.

11/2018