



Innovative Home Audio

# Phoenix Gold

## Innovative Home Audio

### ATO42/52/62

4"/5"/6" 2-Way Compact  
Indoor/Outdoor Speakers

#### Features:

- Weather and UV Resistant Design
- Aluminum Grill
- Butyl Rubber Surround on Poly Cone Woofer
- 1" Aluminum Dome Tweeter
- Pivoting Bracket design
- CAD/CAE Designed, Phase Compensated Crossover

Congratulations on your purchase of the Phoenix Gold Innovative Home Audio ATO42/52/62 2-Way Compact Indoor/Outdoor Speakers. These product are designed to reproduce the audio portion of your home system environment with accuracy and detail that will satisfy the most discriminating listener.

The ATO42/52/62 Indoor/Outdoor speakers are designed to accurately reproduce high fidelity music in a variety of applications, including home theater. Not only are these loudspeakers weather resistant for outdoor use, they also include color matched brackets for mounting in most any environment.

Please read this Installation Manual to ensure the proper installation and performance of your ATO speaker system.

#### Placement

Plan your speaker placement carefully. The ATO series of Indoor/Outdoor speakers are manufactured to resist a variety of weather conditions. However, they are not waterproof, so if you decide to place your speakers outdoors, position them so they are not directly exposed to the elements. The undersides of most eaves and overhangs provide the best protection for indoor/outdoor loudspeakers.

#### Speaker Mounting

If your application requires the ATO42/52/62 speakers to be mounted, please follow these directions.

Using the hardware supplied, mount the bracket first (see fig. 1). Next, attach the speakers to the brackets using the large plastic knobs supplied. Never mount a speaker on a wall made of un-reinforced drywall or plasterboard. If you are unsure, consult a professional contractor.

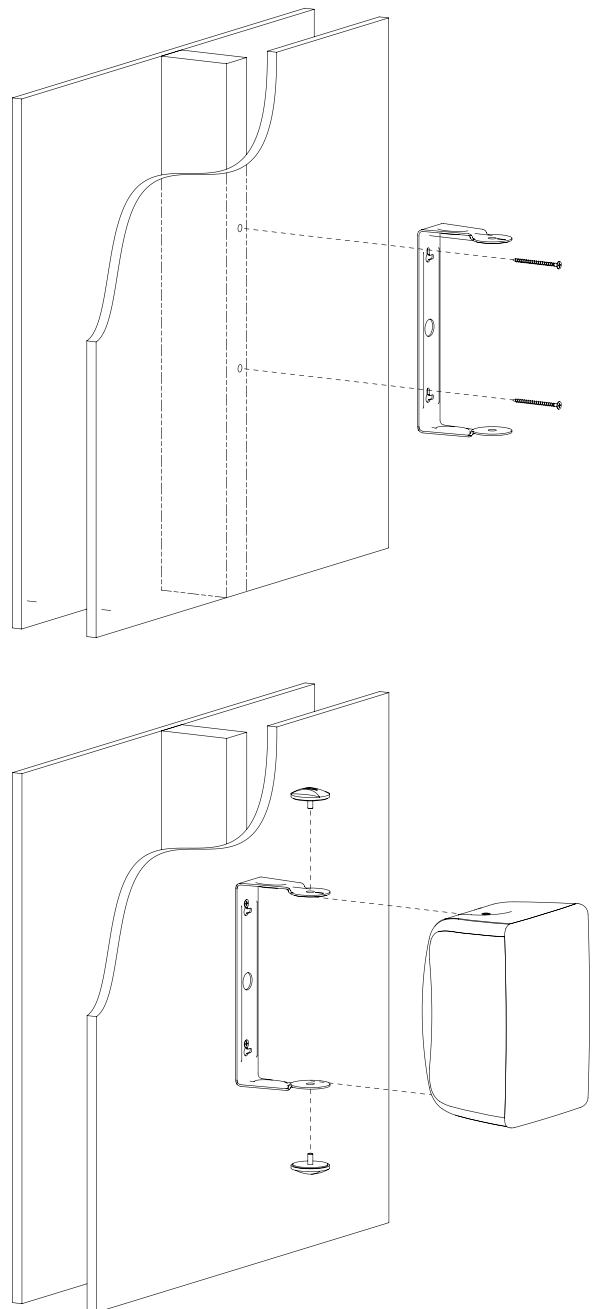


Figure 1

## Performance Considerations

Like all speakers, the ATO series of Indoor/Outdoor speakers sound best when placed in the line of sight to the listener, with no obstructions.

**Caution:** Do not place them within two feet of CRT type television or computer screens, as these speakers are not video shielded (LCD and Plasma types are not affected).

## Connecting the Speakers to Your Audio System

The ATO42/52/62 speakers have convenient color coded 5-way binding post terminals that will accept 16-12 gauge speaker wire. After stripping the ends of your speaker wire, open the binding post to reveal the eye. Thread the wire into the eye, and close the terminal.

Speaker wire is usually coded to maintain proper system phasing. This can be by color coding, or one conductor may have a printed marking or a rib along one edge that will not be found on the other. Identify which type of polarity coding that your wire is using. You must carefully observe that the positive terminal of the speaker output on your amplifier is connected to the positive terminal of the ATO42/52/62 speaker. Likewise, the negative terminal of the amplifier's speaker output should be connected to the negative terminal of the ATO42/52/62 speaker (Fig. 2).

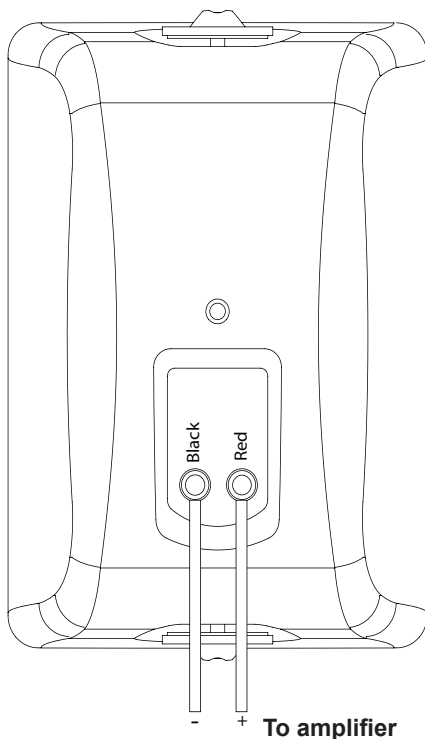


Figure 2

## ATO42 Specifications

Frequency Response	100 Hz to 20 kHz
Impedance	8 Ohm
Sensitivity	85dB, 2.83V
Recommended Amp Power	25 to 100 Watts Continuous
Woofers	4" Poly Cone w/ Butyl Rubber Surround
Tweeter	1" Aluminum Dome Tweeter
Dimensions	5 11/16" x 8" x 5" (145mm x 203mm x 127mm)
Weight	2.2 lbs (1 kg)

## ATO52 Specifications

Frequency Response	85 Hz to 20 kHz
Impedance	8 Ohm
Sensitivity	89dB, 2.83V
Recommended Amp Power	25 to 100 Watts Continuous
Woofers	5.25" Poly Cone w/ Butyl Rubber Surround
Tweeter	1" Aluminum Dome Tweeter
Dimensions	6 3/4" x 9 1/2" x 6 3/8" (170mm x 240mm x 160mm)
Weight	4.2 lbs (1.9 kg)

## ATO62 Specifications

Frequency Response	65 Hz to 20 kHz
Impedance	8 Ohm
Sensitivity	87.5dB, 2.83V
Recommended Amp Power	25 to 100 Watts Continuous
Woofers	6.5" Poly Cone w/ Butyl Rubber Surround
Tweeter	1" Aluminum Dome Tweeter
Dimensions	8" x 11" x 7 1/4" (203mm x 280mm x 184mm)
Weight	5.5 lbs (2.3 kg)

## Two Year Limited Warranty

Phoenix Gold, warrants this product against defects in materials and workmanship for a limited period of time. For a period of two (2) years from date of original purchase, we will repair or replace the product, at our option, without charge for parts. Customer must pay for all labor charges associated with the removal and re-installation of speakers for the limited period and all parts and labor charges after the limited warranty period expires. The limited warranty period for factory refurbished products expires after ninety (90) days from date of original purchase. This limited warranty applies only to purchases from authorized Phoenix Gold Retailers or Distributors. This limited warranty is extended only to the original purchaser and is valid only for consumers in the United States.

Consumers are required to provide a copy of the original sales invoice from an authorized Phoenix Gold Retailer or Distributor when making a claim against this limited warranty. This limited warranty only covers failures due to defects in materials or workmanship that occur during normal use. It does not cover failures resulting from accident, fire, flood, misuse, neglect, mis-handling, mis-application, alteration, faulty installation, modification, service by anyone other than Phoenix Gold, or damage that is attributable to Acts of God. It does not cover costs of transportation to Phoenix Gold or damage in transit. The customer should return their defective product, freight prepaid and insured, to Phoenix Gold only after receiving a Return Authorization.

Repair or replacement under terms of this warranty does not extend the term of this warranty. Should a product prove to be defective in workmanship or material, the consumer's sole remedies will be repair or replacement as provided under the terms of this warranty. If the defective product is discontinued Phoenix Gold may replace the product with an equivalent or superior product at its option. Any cost of re-installation or repair of wall or ceiling surface is the sole responsibility of the customer and that cost shall not be the responsibility of Phoenix Gold. Under no circumstances shall Phoenix Gold be liable for loss or damage, direct, consequential or incidental, arising out of the use of or inability to use the product. There are no express warranties other than described above.



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