

owner's manual



 **SONODYNE**<sup>®</sup>

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# Introduction

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Thank you for choosing Sonodyne. Your Genie speakers are unlike any other speaker system. By choosing this aluminium speaker, you are ensured a natural sound reproduction. The Genie III may be utilized for both music and home theater; as stand alone or in conjunction with our powered subwoofers. Do read on to get an idea of how these speakers may be used.

To help you get listening quickly, we have included here our thoughts on the setup and listening processes. And after you are all set up, do drop us a line through [www.sonodyne.com](http://www.sonodyne.com)

# Unpacking

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Your carton contains:

1 x Genie III speaker

1 set of speaker cables

Normally, all speakers require a "break-in" period, i.e., played for sometime so that they can quickly start performing at their best! The same is true for the Genie III. If you do not want to do this when you are at home, set your source unit, i.e., CD player, on "repeat entire disc" mode. Then, allow the speakers to play at moderate volume setting for 6-8 hours

Note: Please retain all packing materials in case you need to transport the Genie III.

## About Your Genie III

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The Genie III is an excellent example of what wonders alternative cabinet material can work. The aluminium die-cast enclosure allows the Genie III to minimize cabinet reverberations and also to reproduce excellent frequency and dynamic response. The silk dome tweeter and the 3" woofers are in the classic D'Appolito configuration for a smooth midrange and high frequency response, both on and off axis. The 4 midrange drivers, working in tandem, are brilliant in both presence and articulation. The resulting sound stage is breathtaking. These and other features ready this gritty performer to meet the demands of today's digital sound formats.

We thank you for your selection. You may rest assured it is the correct one.

# Set-up

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## 1. Stereo

Options in Stereo mode:

- a. Genie III as full range monitors
- b. Genie III as satellites in conjunction with a powered subwoofer

## 2. Home Theatre

## 1a. Stereo - Genie III as full range monitors

### Recommended stereo amplifier power:

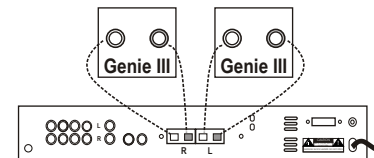
90 watt long term or 130 watt short term

### Connections

Genie III has gold-plated binding post terminals where red indicates + ve and black, - ve. Please proceed as follows:

1. Turn off the amplifier.
2. Gently pull off the insulation at the cable ends (which have been pre-cut at the factory prior to shipping)
3. Twist the strands of the wire together.
4. Turn the gold-plated binding posts counter-clockwise until the twisted wires can be easily inserted into the holes.

5. Insert the wires, making sure red is +ve and black, -ve and then turn the binding posts clockwise to secure the cables in the terminals.
6. Ensure that the connection is a tight fit.
7. Similarly, follow steps 2 - 6 at the amplifier end to complete the connections.



### Note:

- A. Verify that the wires from +ve and -ve cables do not touch each other, as short-circuit could damage the amplifier's output stage
- B. Verify that the speaker is in proper phase; the red terminal on the speaker is connected to the red terminal on the amplifier and similarly for the black terminals.

## **1b. Stereo - Genie III as satellites in conjunction with a powered subwoofer**

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**Recommended stereo amplifier power while operating the Genie IIIs in satellite mode:**

Not greater than 110 watt long term or 150 watt short term

**Connections for Genie in satellite mode:**

In this setup, the Genie is connected to the amplifier indirectly, via the high pass output of a powered subwoofer, and thus operates as a satellite speaker with the powered subwoofer providing lower mid and bass reinforcement. This also results in effective power handling increase for the Genie since it is not asked to reproduce the bass frequencies.

The Genie III has gold-plated binding post terminals, where red indicates +ve and black, -ve. Please proceed as follows:

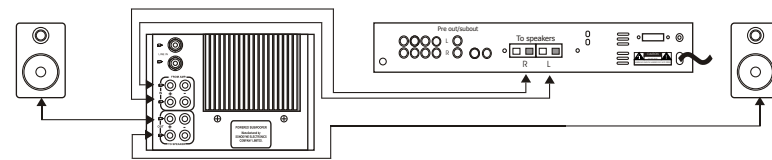
1. Turn off the amplifier.
2. Connect the powered subwoofer to the amplifier as described in the subwoofer owner's manual under speaker/ high level connections.  
To connect the Genie III to your powered subwoofer:
3. Gently pull off the insulation at the cable ends (which have been pre-cut at the factory prior to shipping)
4. Twist the strands of the wire together.

*Continued ...*

## 1b. Stereo - Genie III as satellites in conjunction with a powered subwoofer

Continued ...

5. Turn the gold-plated binding posts counter-clockwise until the twisted wires can be easily inserted into the holes.
6. Insert the wires, making sure red is +ve and black, -ve then turn the binding posts clockwise to secure the cables in the terminals.
7. Ensure that the connection is a tight fit.
8. To the other end of the wire, repeat steps 2 & 3
9. Insert this end into the speaker level outputs of your powered subwoofer.



### Note:

- A. Verify that the wires from +ve & -ve cables do not touch each other, as short-circuit could damage the amplifier's and/or the powered subwoofer's output stage.
- B. Verify that the speaker is in proper phase; the red terminal on the speaker is connected to the red terminal on the powered subwoofer and similarly for the black terminals
- C. While operating in this mode, it is best to use the Roarr powered subwoofers by Sonodyne, and if so, to set the crossover of the Roarr between 80 and 100 Hz

## 2. Home Theater

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**Recommended A/V receiver/ power amplifier power while operating the Genie IIIs in 'small speaker' mode:**

Not greater than 110 watt long term or 150 watt short term

**Connections**

The Genie III has gold-plated binding post terminals where red indicates +ve and black, -ve. Please proceed as follows:

1. Turn off the receiver/ amplifier.
2. Gently pull off the insulation at the cable ends (which have been pre-cut at the factory prior to shipping)
3. Twist the strands of the wire together.
4. Turn the gold-plated binding posts counter-clockwise until the twisted wires can be easily inserted into the holes.
5. Insert the wires, making sure red is +ve and black, -ve and then turn the binding posts clockwise to secure the cables in the terminals.
6. Ensure that the connection is a tight fit.
7. Similarly, follow steps 2-6 at the amplifier end to complete the connections. Connect FL & FR speakers to the Front/ Main Left & Right on the amplifier/ receiver, C speakers to the Center channel on the amplifier/ receiver and LS/ RS speakers to the Surround Left & Right channels on the amplifier/ receiver

*Continued...*

## 2. Home Theater

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*Continued...*

8. Then, connect the powered subwoofer to the A/V Receiver by referring to its owner's manual
9. While setting up your A/V receiver, please indicate that you are using 'small' speakers on all channels. Refer to your A/V Receiver's owner's manuals for set-up details

**Note:**

- A. Verify that the wires from +ve and -ve cables do not touch each other, as short-circuit could damage the amplifier's output stage.
- B. Verify that the speaker is in proper phase; the blue terminal on the speaker is connected to the red terminal on the amplifier and similarly for the black terminals.
- C. You must set the speaker parameter to "SMALL" on the A/V amplifier/ receiver. The reason for doing this is to optimize bass management since most receivers introduce a high pass filter of around 80 Hz to the speakers when this mode is selected. Failing to do so will not guarantee safe operation of your Genies incase they are fed the full bandwidth signals from your A/V amplifier/ receiver.

## **Acoustics of the listening room**

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The acoustical makeup of your listening room is key in determining how good (or bad!) is the sound that reaches your ear. The contents of a room (carpets, curtains, furniture etc.), its shape, and the material of which the boundaries are made make or break your sound. The idea is to have a listening area where the absorptions and reflections are calibrated to attain, as far as possible, a neutral environment. While there are no 'quick fix' formulae to convert a 'room' to an 'ideal listening room', here are a few things that you might try to attain optimal performance.

In your listening room, clap your hands, snap your fingers, and jingle a ring of keys. If the resulting sound is unintelligible (muffled), and resonating, your room is inclined toward being reflective.

In this event, you might want to:

Hang up curtains

Lay a carpet/ rug

Introduce book cases/ other racks

In the event that the resulting sound is too damped, your room is inclined toward being absorptive. You might want to remove some of the absorptive material (like those given above)

# Placement

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1. On the floor: Attach the Genie III to its floor stand (GFS 3)
2. While listening to music in stereo mode, it is best to keep the Genies at ear level, with at least 6 to 8 ft between them, and angled slightly toward the listening position or the sweet spot. The distance from the listening position to the midpoint of the line joining the two speakers should be slightly greater than the distance between the speakers. This should ensure the correct soundstaging. However, since room acoustics play a large part in determining the performance of speakers, it is best that you experiment with the positioning to attain the optimal listening settings for your room.
3. In Home Theater setup, the Genie IIIs being used as main speakers should be placed at ear level, with at least 6 - 8 ft between and angled slightly toward the listening position or the sweet spot. Centre channel speakers should be placed atop the TV set and angled toward the listening position. Surround speakers should be at ear height or higher, and angled toward the listening position. The surround speakers may be mounted on the rear or the side walls. Experiment for best results.
4. Placement of the powered subwoofer: Please refer to the subwoofer Owner's Manual

# Specifications

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>System</b>                        | 2 way sealed monitor      |
| <b>Cabinet</b>                       | Aluminium die-cast        |
| <b>Transducer Complements</b>        | 4 x 3" coated cone woofer |
|                                      | 1 x 1" Silk Dome Tweeter  |
|                                      | (with Neodymium magnet)   |
| <b>Nominal Impedance</b>             | 8 ohm                     |
| <b>Frequency Response (+/- 3 dB)</b> | 110 Hz ~ 20 kHz           |
| <b>Useable Response (-10 dB)</b>     | 100 Hz ~ 22 kHz           |
| <b>Sensitivity (2.83V - 1m)</b>      | 90 dB                     |
| <b>Crossover Frequency</b>           | 3.5 kHz                   |
| <b>Crossover Type</b>                | 4th Order, asymmetric     |

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| <b>Continuous Power Handling</b>  | Full range: (Long term) 90 watt       |
|                                   | Full range: (Short term) 130 watt     |
|                                   | 80 Hz low cut: (Long term) 110 watt   |
|                                   | 80 Hz low cut: (Short term) 150 watt  |
| <b>Connector</b>                  | Gold Plated Binding Post              |
| <b>Finish</b>                     | Metallic paint (silver/ white/ black) |
| <b>Grille</b>                     | CR Steel, painted                     |
| <b>Dimensions (H x W x D) mm</b>  | 540 x 99 x 101                        |
| <b>Height of floor stand (mm)</b> | 690                                   |
| <b>Net Weight</b>                 | 5.2 kg                                |