

# Acoustic Grove System



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Acoustic Grove System (AGS) raises a room to an ideal listening environment and exploits the potential of audio equipment and music instruments.

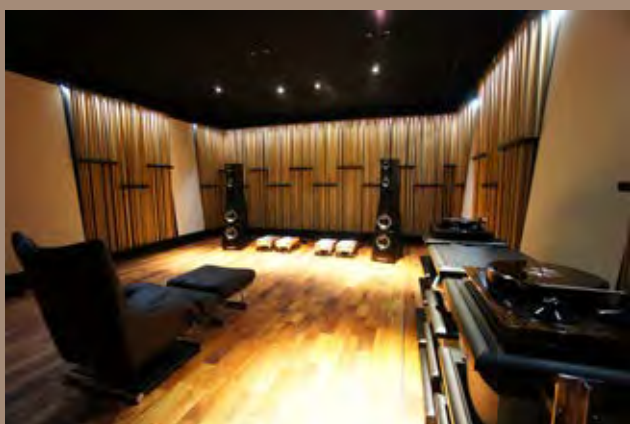


## *Acoustic Grove System achieves an ideal acoustic field like a forest*

Boundless spatial expansion can be felt in a forest.

It is said that the inside of a forest is the ideal acoustic space where a range of trees bring out a crisp, clear and rich sound space from low to high frequencies.

Focusing on the acoustic effects of forests, Nihon Onkyo Engineering has developed the Acoustic Grove System (AGS)—a new type of acoustic tuning system—harboring a great deal of achievements in studio construction and acoustic simulation technology cultivated over many years. (Patent/Design Registered)



# AGS-FS1

*AGS-FS1 is an easy-to-use free-standing acoustic tuning unit developed from AGS technology.*



〈Standard Specification〉

Dimensions : 40(W)×32.5(D)×140(H) cm , Weight : 24 kg

AGS-FS1 is developed as a room-tuning item for use as an extension of AGS technology.

It consists of a cluster of wooden columns arranged in a compact configuration and elaborately designed to diffuse sound naturally.

The sound field in the room will be improved by placing as few as one or two units.

It is effective both in dead rooms and in live rooms.



# AGS-MN1

*AGS-MN1 is compact type designed in the pursuit of placement flexibility.*



〈Standard Specification〉

Dimensions : 66(W)×11(D)×30(H) cm , Weight : 2.5 kg

AGS-MN1 is the compact type. It can be placed easily on the top of an audio rack, in front of a monitor display, or in any of a number of other locations.

It can enhance the sense of depth and width as well as improve localization.





# AGS-FL1

*AGS-FL1 is tailored to fit the floor, which has a large effect on sound quality.*



〈Standard Specification〉

Dimensions : 60(W)×60(D)×12(H) cm , Weight : 8 kg

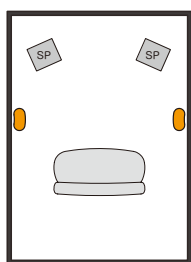
When placed in front of speakers, AGS-FL1 reduces the intense reflections and provides a clearer sound image. The dynamism included in the music source also increases.



## Installation examples

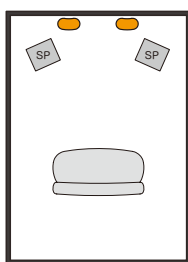
### Recommended settings of AGS

#### AGS-FS1



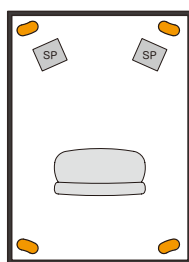
A

Set in front of both side walls



B

Set in front of the front wall

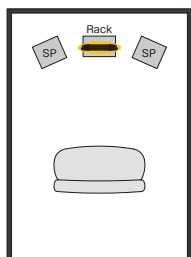


C

Set in the four corners  
of the room

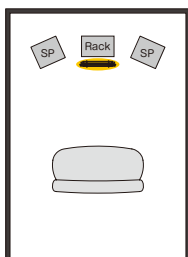


#### AGS-MN1



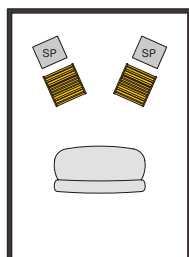
D

Set on the top of a front rack



E

Set in front of a rack



F

Set in front of speakers

#### AGS-FL1



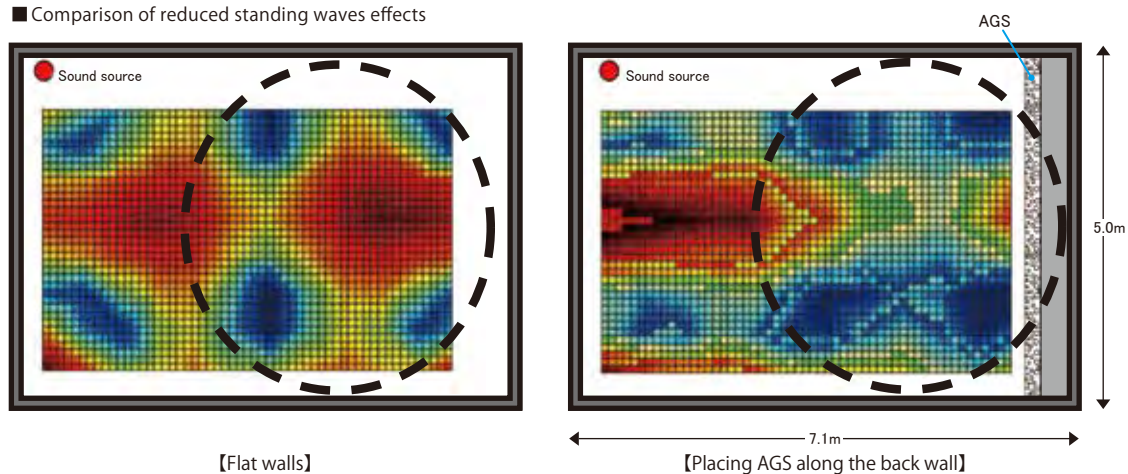
# Transparency in the low frequency and minute reverberations are the keys to obtaining a comfortable and natural sound.

**AGS achieves transparency and clarity in the low frequency, which prevents the listener from feeling the narrowness of the room.**

In small, closed spaces like an audio room, standing waves in the low frequency theoretically occur in accordance with the size of the room. Muffled sound in the low frequency, a boomy sensation within the room, and a sense of being cooped-up are peculiar to a confined room, as all are adverse effects of standing waves. On the other hand, the inside of a forest is not closed and there are no walls, so the sound is ideally clear in the low frequency and prevents an enclosed sensation.

AGS is a room-tuning system that focuses on the acoustical effects of forests. AGS reduces standing waves, which bring up various adverse effects. AGS prevents listeners from feeling the existence of the walls in order to achieve natural reverberations as if in a larger space.

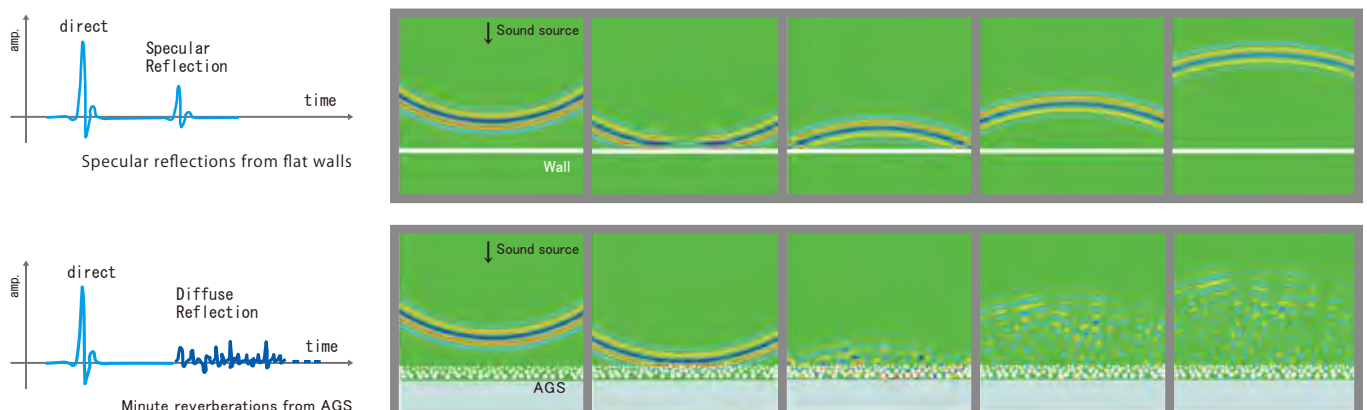
■ Comparison of reduced standing waves effects



**Scatter incident sound waves and reduced phase interference brings out standing waves and sound distortion.**

Specular reflections by parallel flat walls color the sound and cause sound problems such as timbre coloration and flutter echoes. AGS diffuses the incident sound waves spatially and temporally, thus not only limiting sound problems but also producing natural, minute reverberations.

■ Comparison between specular reflections and minute reverberations



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**[Notes]**

- Acoustic Grove System is copyrighted in registered design, trademark and patent.
- For more information about detailed size, weight, uses, usability, prices and delivery times, contact your authorized distributor.
- Specifications are subject to change without notice.



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