

THE SPECIAL DESIGN OF IVS SERIES HELPS:

- » **to achieve cardioid/hypercardioid horizontal pattern** down to very low frequencies
- » **to reduce or even completely eliminate the reflections** from the surrounding surfaces

As a result,
the controlled horizontal
and very narrow vertical
pattern allow the precise
aiming of the acoustic
energy to provide
clear, articulate speech
reproduction.



WHAT ARE THE ADVANTAGES OF THE CARDIOID PATTERN?

- » **less off-axis horizontal radiation** in low frequencies
- » **tighter vertical beam** in low frequencies compared to the same length of a traditional line source speaker
- » **higher STI values** can be achieved in high reverberation environment

THE IVS SOLUTION

- » **for low frequencies:** introduces cardioid behaviour, thus shorter loudspeaker will provide the same STI and directivity result.
- » **for high frequencies:** a two-way version is available with 2 or three tweeter for each woofer. It reduces side lobes and increases directivity

SPECIFICATION

- » **Directivities:** omnidirectional, cardioid, hypercardioid
- » **Standard lengths:** 1m, 1.5m, 2m, 3m, 4m, 6m
(special sizes are also available upon request)
- » **Standard finish:** anodized aluminium, bronze or alu colours *(special colours are also available upon request)*
- » **Power:** 300W/m
- » **Max SPL (depends on speaker used):**
1m length: 98dB/10m
6m length: 98dB/40m

IVS

IS A LINE SOURCE SPEAKER
WITH CARDIOID LOW
FREQUENCY PATTERN,
DOWN TO 100Hz.



WHERE TO USE?

- » Houses of worship
- » Swimming pools
- » Shopping malls
- » Lecture halls
- » Transportation hubs
- » Outdoor events



IVS

DELIVERS INTELLIGIBLE AUDIO