

PROPA-U series is the ELTEM's Product line of Super Directional Speakers.

These products create audible sounds by using ultrasonic waves. Therefore, the directivity of sounds is very excellent. You can only hear the sounds where the loudspeaker is pointing.



PROPA-U50

- The sound is clean and clear.
- Palm-sized, it is easy to use anywhere.
- There is a built-in amplifier.
- It is suitable for use in relatively quiet indoor places.



SPECIFICATIONS

Max. SPL	104dB@1m
Frequency Response	100Hz ~ 5kHz(-10dB)
Directivity	±10°(1kHz, -10dB)
Power	18VDC (18W)
Size/Weight	158×100×50mm / 0.6kg
Input Method	Audio stereo jack(3.5Ø) 0.9V peak



PROPA-U100

- The sound is clean and clear.
- There is a built-in amplifier.
- It's louder than PROPA-U50, so it is suitable for use in relatively noisy places.

SPECIFICATIONS

Max. SPL	109dB@1m
Frequency Response	100Hz ~ 5kHz(-10dB)
Directivity	±10°(1kHz, -10dB)
Power	18VDC (25W)
Size/Weight	208×174×68mm / 1.7kg
Input Method	오디오 스테레오 잭(3.5Ø) 0.9V peak
Max. SPL	Audio stereo jack(3.5Ø) 0.9V peak
Wall Mount	Left/Right : ±90°, Up/Down : ±45°

AMP

The distortion of sound is minimized using the active level control of digital processor.



Environment Certifications

- ✓ KC Registration of Broadcasting and Communication Equipments
- ✓ FCC Declaration of Conformity

What is a Super Directional Loudspeaker?

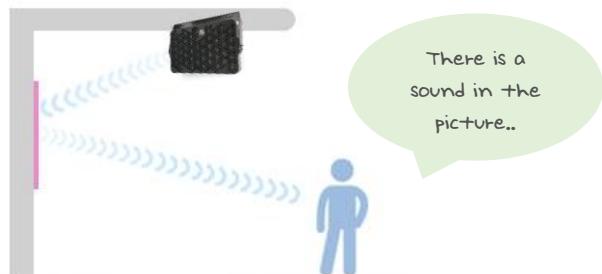
A Super Directional Loudspeaker can send sound to the place which you want to send by emitting sound like a laser. Since ultrasonic waves send sound, the straightness of sound is excellent. Almost no sound can be heard from the back or the sides of the loudspeaker.

Main Features of Super Directional Loudspeakers



"Directivity"

Sound can only be heard in the direction that the loudspeaker is pointing.

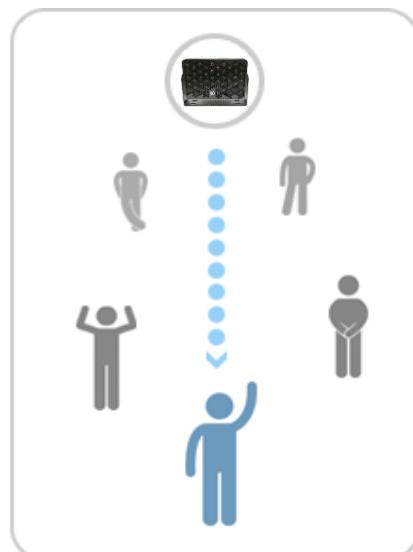


"Reflection of Sound"

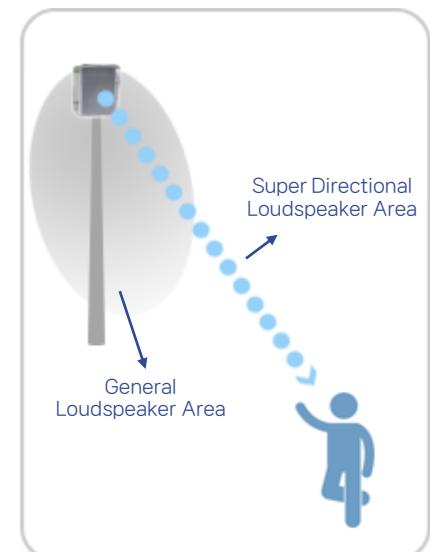
When a sound hits an object, it is reflected.



General Loudspeaker

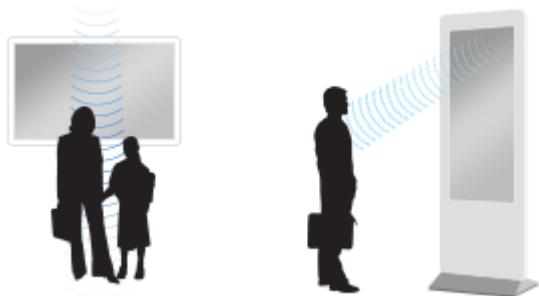


Super Directional Loudspeaker



General Loudspeaker +
Super Directional Loudspeaker

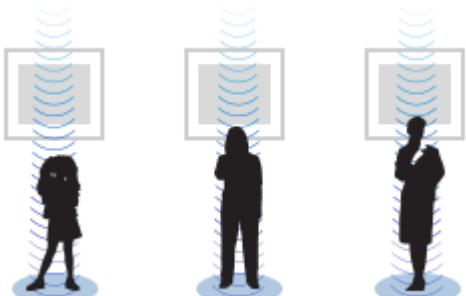
Applications of Super Directional Loudspeakers



✓ Digital Signage Advertising

Each sound does not interfere with each other, and only the sound of the ad you are looking at is heard.

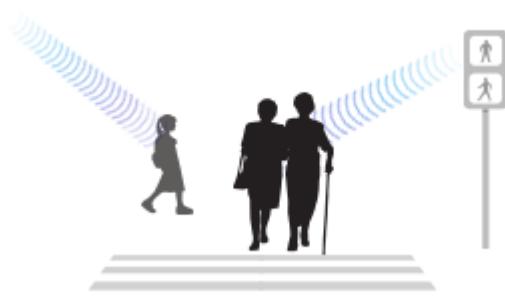
Screens inside buildings such as shopping malls, Cinemas, Subways, Airports, Outdoor Display Boards and Street Advertising



✓ Exhibition Advertisement

Sound can be transmitted only to the desired area, so effective information can be provided.

Exhibition Halls, Museums, Public Relations Halls, etc.



✓ Crosswalk Announcement

The announcement can be delivered to those who need attention without being assimilated to ambient noise.



✓ Bus Stop Announcement

Sound can be delivered only to where you want without noise damage to the surrounding areas.