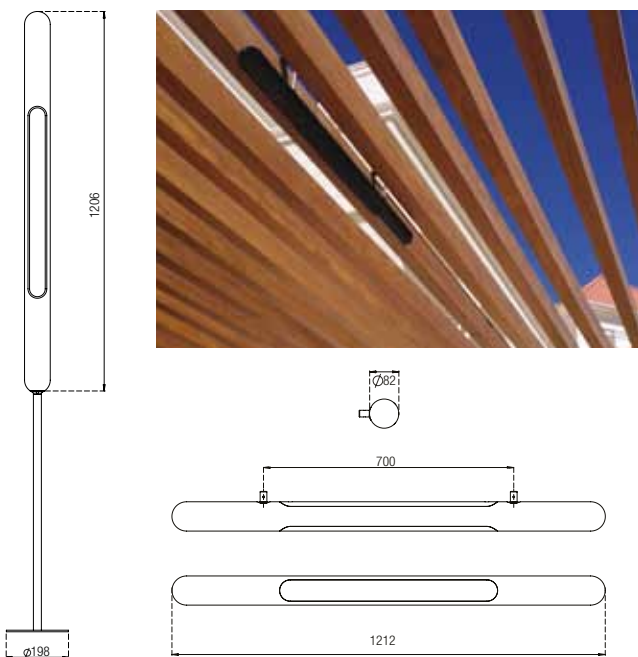


# PERGOLA



## LINE ARRAY SOUND OUTPUT

**Speaker type**  
2" speakers

**Nominal impedance**  
4  $\Omega$

**Crossover**  
DSP needed

**Frequency range**  
150-20.000 Hz (-6dB)  
subwoofer needed

**Sensitivity (1W-1m)**  
90 dB

**Speaker Peak Power**  
130W

**Speaker RMS Power**  
65W

**Recommended amplifier power**  
100W (Class D)

## POINT SOURCE SOUND OUTPUT

**Speaker type**  
2" speakers; High Freq: horn loaded driver

**Nominal impedance**  
4  $\Omega$

**Crossover**  
external waterproof boxed crossover Hi-Pass filter at 100-150Hz 12dB/oct recommended

**Frequency range**  
150-20.000 Hz (-6dB)  
subwoofer needed

**Sensitivity (1W-1m)**  
90 dB

**Speaker Peak Power**  
120W

**Speaker RMS Power**  
60W

**Recommended amplifier power**  
100W (Class D)

## SPECIFICATIONS

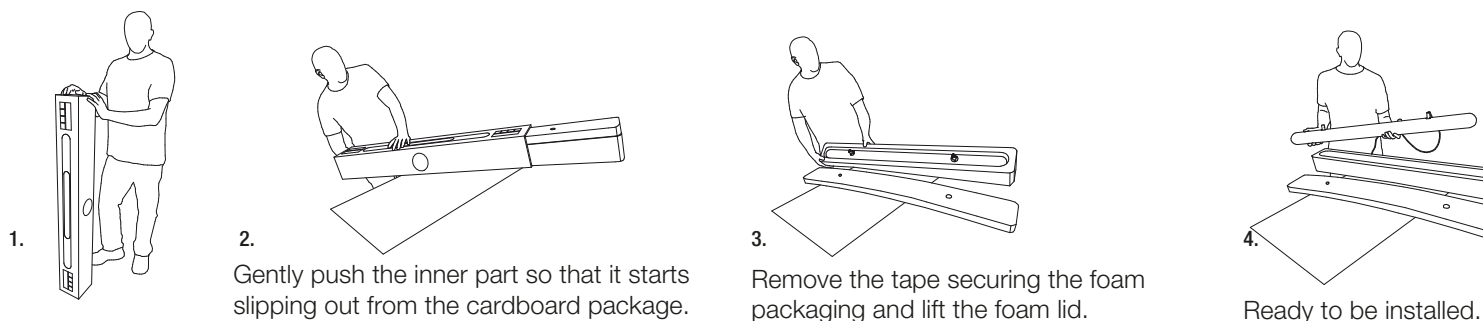
**Material**  
carbon fiber

**Mechanic material**  
stainless steel

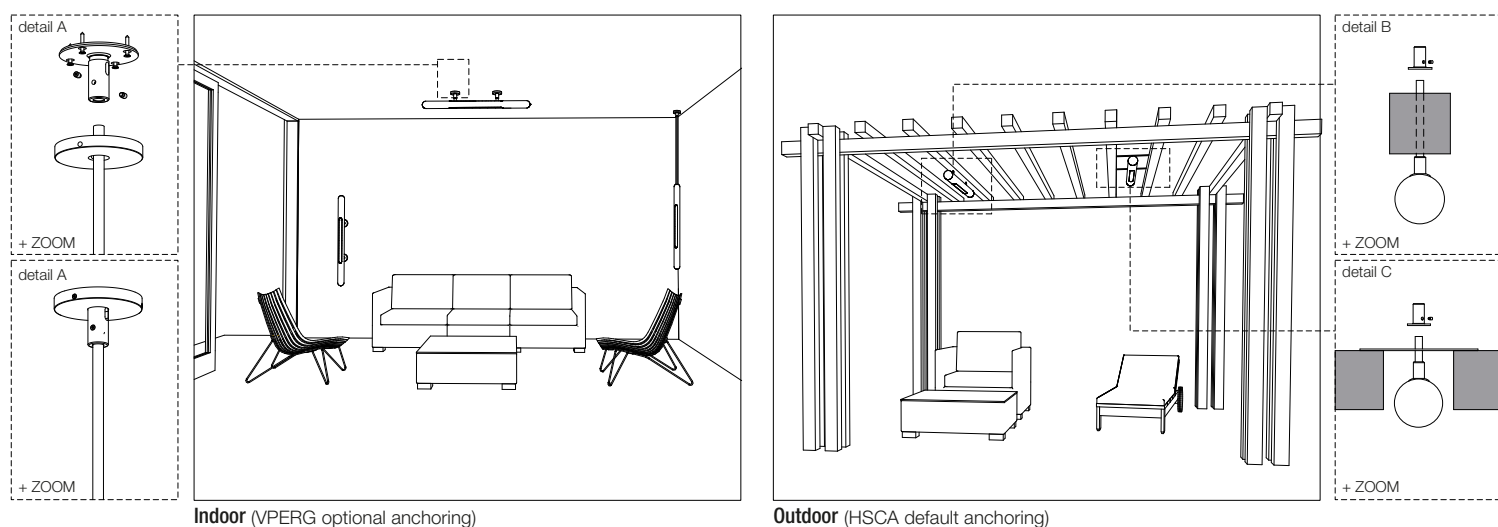
**Dimensions**  
82 x 1212 mm

**Weight**  
3 kg

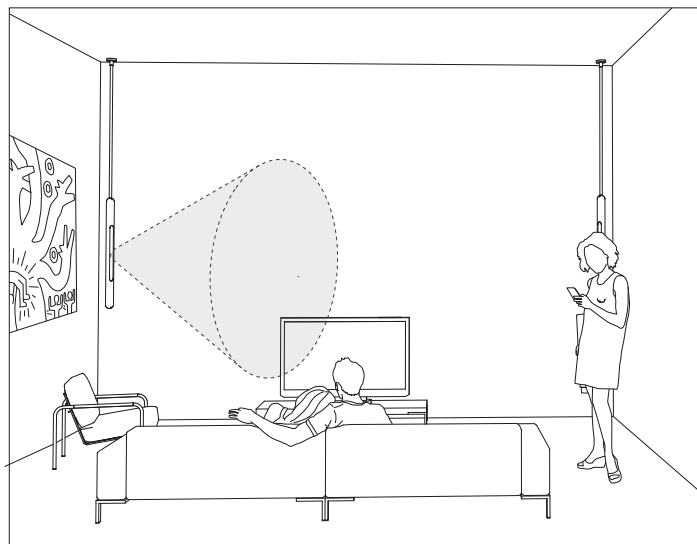
**Unpacking:** to remove the Pergola from the shipping box carefully follow these steps



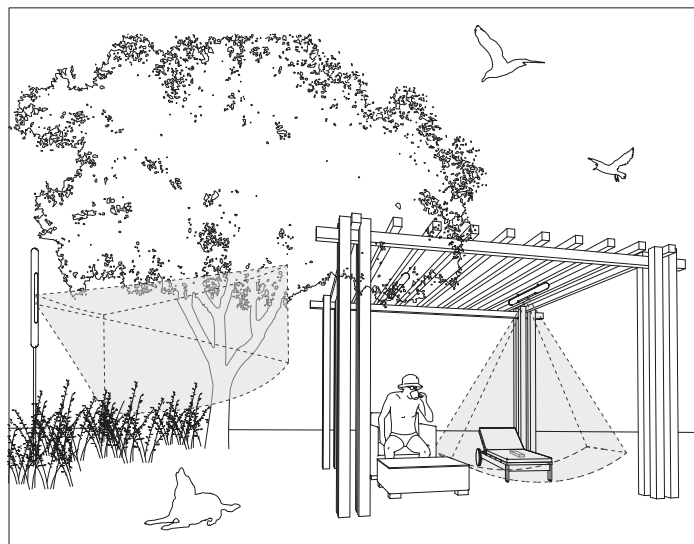
**Installation:** the Pergola loudspeaker can be installed either indoor and outdoor, on wall, on ceiling or floorstanding; to fix the module use the appropriate mechanic and shown in the images.



**Diffusion and directionality:** for the Pergola modules a dual configuration is possible, Line-Array for a large coverage in the horizontal plane in regard to the vertical or Point-Source for a uniform conic coverage.



Point-source



Line-array

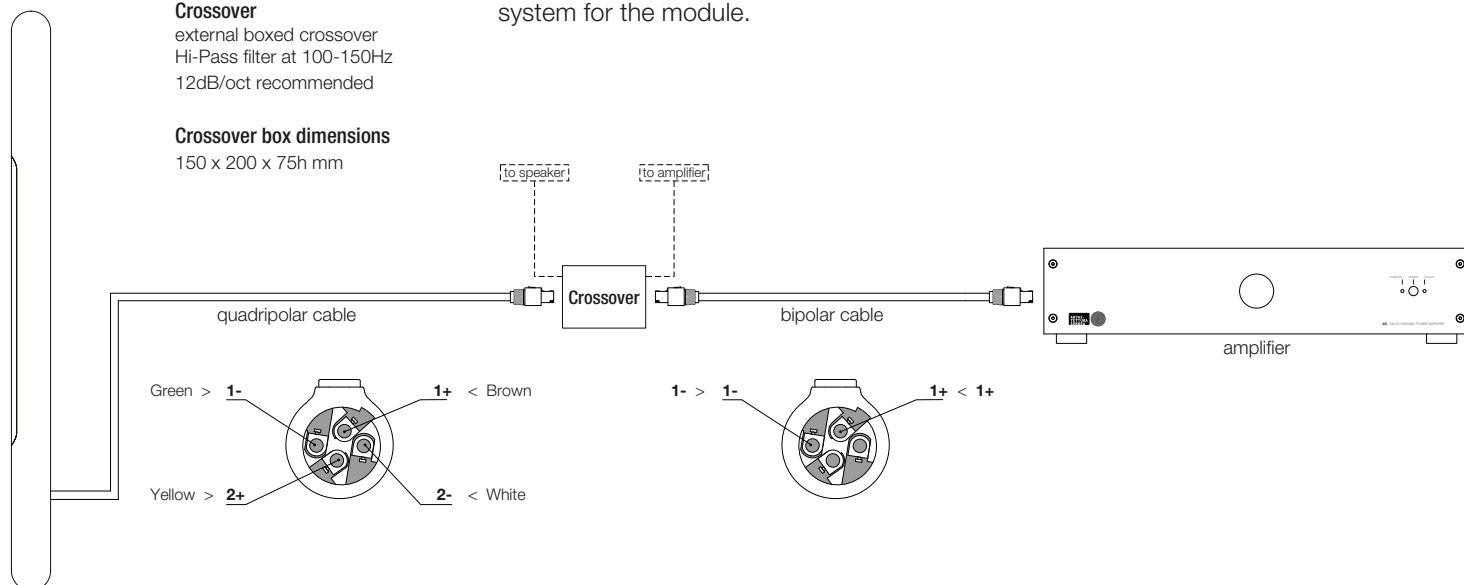
**Point\_Source connection:** the Point\_Source version of the Pergola sound module requires an external passive crossover, provided by AS in a special box with female Speakon connectors, to be placed near the amplifier or the module. The crossover in the box is equipped with a thermal protection system for the module.

#### Crossover

external boxed crossover  
Hi-Pass filter at 100-150Hz  
12dB/oct recommended

#### Crossover box dimensions

150 x 200 x 75h mm



**Line\_Array connection:** the Line\_Array version of the Pergola sound module connects directly to amplifier through a bipolar cable.

