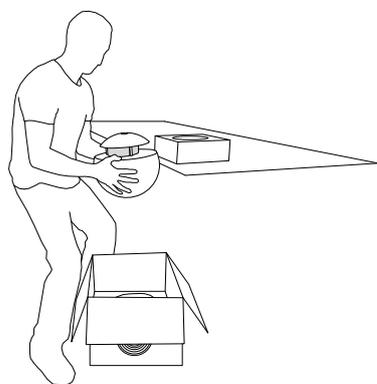


Weight 14 kg

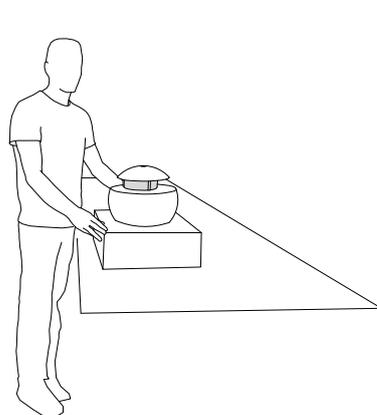
Version	Full range with crossover on board	Subwoofer without crossover	Subwoofer with crossover on board
Speaker Type:	6" coaxial (dual concentric)	6" woofer	6" woofer
Nominal Impedence:	8Ω	8Ω	8Ω
Crossover:	2 ways on board	Recommended DSP settings: HP=50 Hz; 12 dB/oct LP=200 Hz; 12 dB/oct	LP=200 Hz; 12 dB/oct
Frequency Range:	60-20,000Hz (-6dB)	50-200Hz (-6dB) (recommended DSP setting)	50-200Hz (-6dB)
Sensitivity (1W - 1m)	88 dB	88 dB	88 dB
Speaker Peak Power	300W	300W	300W
Speaker RMS Power	150W	150W	150W
Lighting Mood	Optional	Optional	Optional
High-z on Board	N/A	N/A	N/A

(Power Type > 4.2 - Light temp. > 3000°K - IP Rating > IP65 - Supplied Power Supply > external  
Input > 100-240 V ac<0,55A • Output > 24 Vdc <0,84 A - Features > IP67 non dimmerable • Class > 2 - Size > 12,5x3,2x2,6 cm)

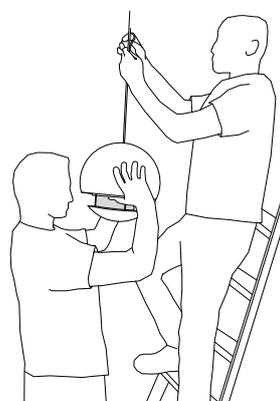
## Unpacking: to remove the Spherina from the shipping box carefully follow these steps



**1.**  
Gently lift the loudspeaker from the packaging, holding the body and not the deflector.



**2.**  
Lay the loudspeaker over the supporting packaging piece, while checking the hanging system most appropriate for your case.



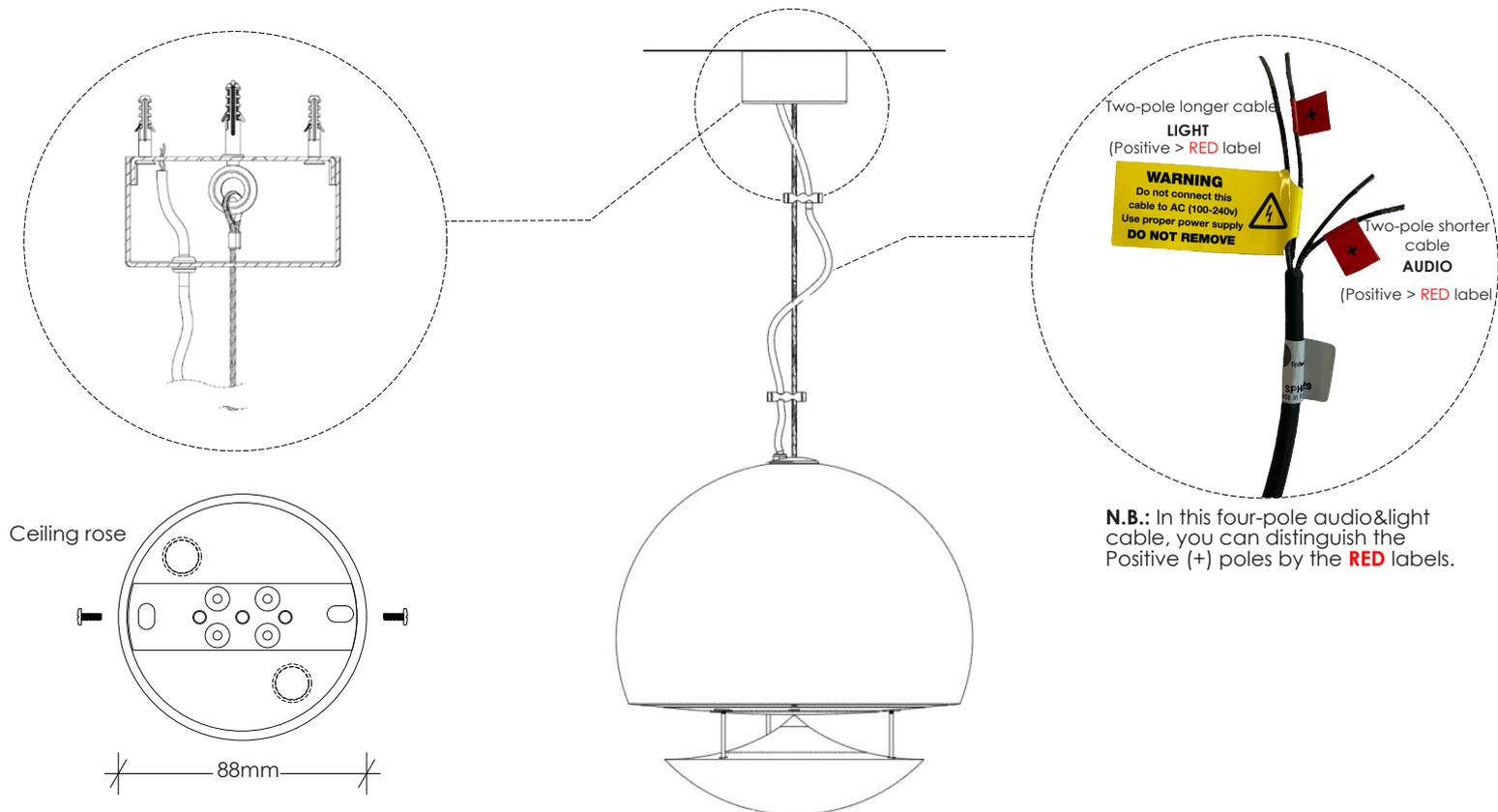
**3.**  
Always make sure to be always at least two people handling the Spherina\_air while connecting it. Secure the loudspeaker to the ceiling making sure not to push the deflector but holding its body.



**4.**  
Once the module is safely mounted to the ceiling remove the foam protective spacers, always holding the diffused by its body and not deflector.

The new Spherina\_Air version is anchored to the ceiling with a steel cable, besides the other four-pole acoustic&light cable. All the mechanical load (weight) is supported by such steel cable, which therefore must be perpendicular to the ceiling without any obstacle or without taking other paths. The acoustic-light cable, on the other hand, can be parallel to the steel cable or create some "aesthetic" loops. The number and type of loops is subjective (two cable locks are specially provided to ease this process). Please be reminded that the provided (black) ceiling rose has a purely aesthetic function, as it hides the Spherina's connection point.

Mount the plate on the ceiling with proper anchoring system, then install the eyebolt, making sure that the bolt has a weight capacity of at least 30Kg minimum. Secure the steel cable into the eyebolt using the provided cable clamp. Make audio connections using the polarity wiring instructions labeled on the cable, the positive is the one with a **RED** mark.

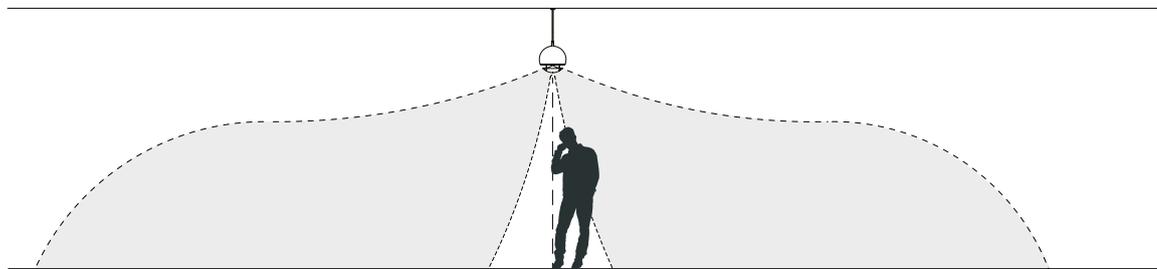


**N.B.:** In this four-pole audio&light cable, you can distinguish the Positive (+) poles by the **RED** labels.

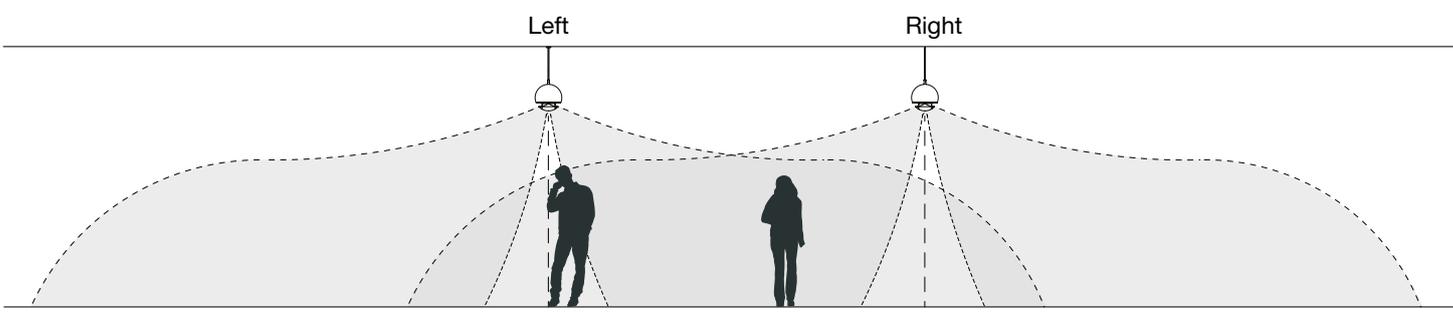
The care and responsibility for how this 15 kg object is anchored to the ceiling (i.e. the type of ceiling ring used to fasten the steel cable and how it is anchored to the ceiling itself) lies with the installer. We provide you with a clamp (see instruction envelope), used to secure the steel cable to the wall ring.

Once finished, always check the safety of the installation with jerks and additional weights.

**Diffusion and directionality:** The Spherina\_Air is an omnidirectional loudspeaker characterized by a dual concentric 6" transducer, with coaxial mid-woofer and tweeter to create a virtual point source, linear and time coherent, providing a uniform omnidirectional coverage over the vertical axis, with a cone-shaped area of low coverage below the deflector.



When the installation of Spherina\_Air involves the passage of people below the speakers, we highly recommend using at least two loudspeakers in a Stereo configuration, in order to eliminate the not-covered areas underneath the deflector



**Maintenance and care:** to keep your speakers beautiful as long as possible, we warmly recommend doing maintenance at least once a year. When not in use, sound modules should be appropriately covered or stored away; heavy duty protective covers are available from AS. Please refer to the General Manual for appropriate instructions and note that any departure from our recommendations on care and cleaning, or any evidence of misuse or damages from ordinary wear and tear, will void all warranty claims.

# SPHERINA

## \_AIR & PLUMA

Architettura Sonora, 2015

> p. 080-083

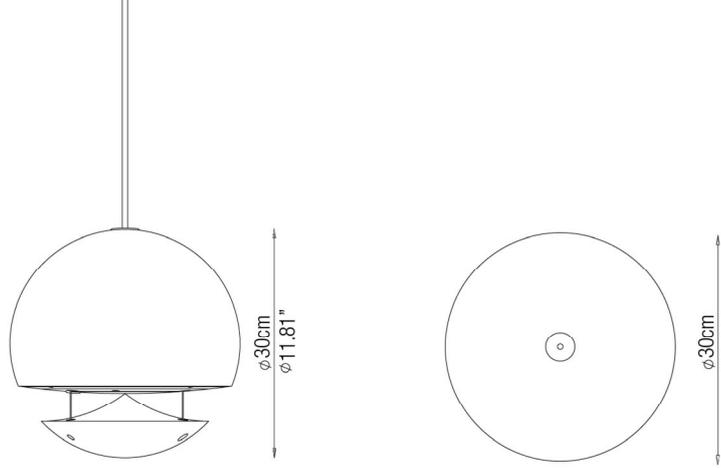
**Dimensions:**

30∅ cm  
(11.81 ∅ inches)

**Weight:**

Standard version: 15kg  
(33,1 pounds)

Pluma Version: 5kg  
(11,02 pounds)



Version	Full range with crossover on board	Subwoofer without crossover	Subwoofer with crossover on board
<b>Speaker Type:</b>	6" coaxial (dual concentric)	6" woofer	6" woofer
<b>Nominal Impedence:</b>	8Ω	8Ω	8Ω
<b>Crossover:</b>	2 ways on board	DSP Required (Factory settings provided on demand)	LP=200 Hz; 12 dB/oct
<b>Frequency Range:</b>	60-20,000Hz (-6dB)	50-200Hz (-6dB)	50-200Hz (-6dB)
<b>Sensitivity (1W - 1m)</b>	88 dB	88 dB	88 dB
<b>Speaker Peak Power</b>	300W	300W	300W
<b>Speaker RMS Power</b>	150W	150W	150W
<b>Lighting Mood</b>	Optional	Optional	Optional
	<small>(Power Type &gt; 4,2W - Light temp. &gt; 2700/3000°K - IP Rates &gt; IP65 - Supplied Power Supply &gt; external Input &gt; 100-240 V ac-0,55A - Output &gt; 24 Vdc -0,84 A - Features &gt; IP67 non dimmerable - Class &gt; 2 - Size &gt; 12,5x3,2x2,6 cm)</small>		
<b>High-z on Board</b>	N/A	N/A	N/A
<b>Body Materials and finishings</b>	Concrete (Gray, Dark Gray, White, Red), Klondike Finishing (Shining Yellow, Shining Green, Shining Dark Gray, Corten Effect, Gold, Silver) Marble (Classic Travertine, Walnut Travertine, Black Marquina, Fiore di Pesco, Carrara) and alternative stones		
<b>Metal Components Materials</b>	Deflector Steel Arms	Deflector Steel Arms	Deflector Steel Arms

TECHNICAL INFO