



SPH20



Description

The Apart SPH20 is a dual-cone sphere speaker with a built-in special dispersion cone which gives you a 360° wide dispersion. The best choice for spaces with high ceilings (+4m). The loudspeaker is provided with a high quality 20 Watt 100 Volt transformer with several power tapings and a 3,3m cable with metal safety cord. The housing is made of ABS plastics which makes it moisture -and UV proof. This makes the SPH20 the most "cost-effective" sphere loudspeaker on the market, unique in its kind. The standard colour is white. From 12 pieces on, the loudspeakers can be painted optionally in any other RAL colour (Ref.: SMPAINT).

Technical Specifications

- Type : dual-cone / 8"
- Rated Power RMS : 20 W
- Music Power RMS : 30 W
- Sound Pressure Level 5SPL) 1w/1m 99dB
- Maximum SPL : 110 dB
- Frequency Range : 80 Hz - 18 kHz
- Loudspeaker impedance : 8 Ohm
- Transfo power taps : 2.5 - 5 - 10 - 20W
- Dispersion
 - Horizontal : 1KHz / 360°
 - Horizontal : 4KHz / 280°
 - Vertical : 1KHz / 140°
 - Vertical : 4KHz / 90°
- IP Rating : IP-53
- Dimensions (dia) : 254 mm
- Weight : 2.5 Kg

Connecting the loudspeaker

- **The shielded wire is used for hanging the sphere loudspeaker.**
- De afscherming van de kabel is nodig voor het ophangen van de luidspreker.
- *La protection du câble est nécessaire pour la suspension de l'haut-parleur.*



- **To avoid short-circuits, make sure the wires that are not used are not touching each other.**
- *Zorg dat alle niet gebruikte geleiders elkaar niet raken, deze staan onder spanning en kunnen kortsluiting veroorzaken.*
- *Tous les fils non-utilisés ne peuvent pas se toucher. Ils sont sous tension et peuvent causer un court-circuit.*

Power Tappings

COLOUR	KLEUR	COULEUR	POWER	IMPEDANCE
Black	Zwart	Noir	Common	Ω
White	Wit	Blanc	2.5 Watt	4 KΩ
Blue	Blauw	Bleu	5 Watt	2 KΩ
Yellow	Geel	Jaune	10 Watt	1 KΩ
Red	Rood	Rouge	20 Watt	500 Ω

100 Volt Technology

95Watt = 20 + 20 + 20 + 10 + 10 + 10 + 2.5 + 2.5

Amplifier power must be higher than total power of all speakers.
 Het versterkervermogen moet hoger zijn dan de som van de vermogens van de luidsprekers.
La puissance de l'amplificateur doit être plus élevée que la puissance totale des haut parleurs.