



### SPH16



#### Description

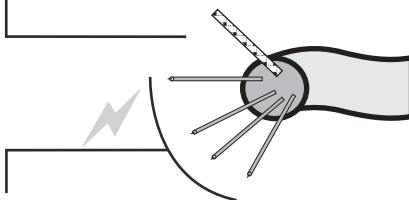
The APart SPH16 is a 2-way sphere speaker with a very clear sound reproduction. It is provided with a high quality 100 Volt transformer with several power tapings. A 4.5m cable with metal safety cord is included. The best choice for spaces with high ceilings (+4m), gives a very good sound distribution. The housing is made out of ABS plastics and is moisture- and UV proof. This makes the SPH16 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 optionally be painted in any other RAL colour (Ref.: SMPAINT)

#### Technical Specifications

- Type : 2-way / 6"
- Rated Power RMS : 16 W
- Music Power RMS : 25 W
- Sound Pressure Level (5SPL) 1w/1m 92dB
- Maximum SPL : 104dB
- Frequency Range : 80 Hz - 20 KHz
- Loudspeaker impedance 8 Ohm
- Transfo power taps : 4 - 8 - 16W
- Dispersion  
1KHz / 180°  
4KHz / 60°
- IP Rating : IP-53
- Dimensions (dia) : 180mm
- Cable length : 3m
- Weight : 1.9 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 not in use wires aren't touching.**
- *Zorg dat alle niet gebruikte geleiders elkaar niet raken, deze staan onder spanning en kunnen kortsluiting veroorzaken.*
- *Pour éviter des court-circuits, observez que tout les conducteurs non-utilisés ne peuvent pas se toucher. Ils sont sous tension et peuvent provoquer des court-circuits.*

#### Power Tappings

COLOUR	KLEUR	COULEUR	POWER	IMPEDANCE
Blue	Blauw	Blue	Common	Ω
Green	Groen	Vert	4 Watt	2K5 Ω
Yellow	Geel	Jaune	8 Watt	1K2 Ω
Red	Rood	Rouge	16 Watt	625 Ω

#### 100 Volt Technology

80Watt = 16 + 16 + 16 + 8 + 8 + 8 + 4 + 4

120Watt Amplifier

16WATT 16WATT 16WATT 8WATT 8WATT 8WATT 4WATT 4WATT

**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.*