

SPHERE SPEAKER

EN-SPH5T16-W

Certificate No.: 1438/CPD/XXXX



The Apart-Audio EN-SPH5T16-W is a compact sphere speaker with ABS housing (UI94 HB) (RAL 9010 equivalent), equipped with a high efficiency full range speaker and a multitap 100 volt transformer, all certified according EN 54-24. The unit is has a ceramic speaker line connector block and thermal fuse. Popular applications: background music, microphone calls (paging) and evacuation systems. The highlights are: ceramic connector block, thermal fuse.

Mounting instructions

1. Connect the speaker line cable to the ceramic block inside cable cover.
2. Attach the sphere speaker to a hook in the ceiling using the cable strain relief. You can adjust the required cable length by sliding the strain relief over the cable.
3. The required power can be changed by connecting another transformer wire. See the label on the speaker. The transformer wires not in use must be electrically isolated to avoid short circuits. Default power = 16 watt.
4. Slide the cable cover against the ceiling.



Safety precautions

- Keep this manual for future reference.
- When making the hole in your mounting panel to mount the Apart speaker, make sure there is sufficient clearance behind the panel (no obstructions like A/C channels, power lines etc, ...).
- Take care of your speaker wires, they should be free of damage. Damaged speaker wires may result in poor sound quality and can damage amplifiers.
- Only use accessories specified by the manufacturer.
- Make sure the mounting panel can support the speaker's weight.
- Use a sufficient amount of speakers to avoid dead spots.
- No main power shall be connected to the loudspeakers, doing so will damage the speaker.
- This apparatus should only be serviced by qualified personnel. If not serviced by qualified personnel, warranty may be void.
- Use cable of the right gauge, certainly for long runs.
- Use cables with clear color indication and maintain polarity throughout the whole system.
- Avoid loud feedback from microphones, this can damage your speaker.
- Please check the unit's condition after unpacking. If the outside of the carton box has been damaged, inform your shipper immediately.

Warranty info

Apart Audio warrants this product to be free of defects in material and workmanship for a period of one year for parts and for a period of one year for labor from the date of original end-user purchase. This warranty is valid only for the original end-user and cannot be transferred. During the warranty period Apart Audio or one of its authorized service partners shall either repair or replace any product, free of charge, that proves to be defective on inspection by Apart Audio or its authorized service representative. This warranty does not include, damages or product faults due to abuse, misuse or faulty installation.

Legal info

Audioprof nv
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Technical specifications

Speaker type	Coated paper cone
Woofer size	5 inch
Dimensions (Ø x d)	185 x 157 mm
Colour	RAL 9010
100 volt transformer power taps	16 / 8 / 4 watts
Frequency response (-10 dB, IEC268-5)	110 - 16500 Hz
Frequency range	90 - 17000 Hz
Dispersion angle -6 db, 500 Hz / 1 kHz / 2 kHz / 4 kHz	360° / 196° / 132° / 171°
SPL 1W / 1m (IEC268-5)	86.5 dB
SPL 1W / 4m (IEC268-5)	74.5 dB
SPL Pmax / 4m (IEC268-5)	86.5 dB
SPL Pmax / 4m (IEC268-5)	98.5 dB
Sensitivity EN54-24, 1W / 4m	73.0 dB
IP classification	35
Chassis & grille material	ABS plastic