

CM3T

Technical Specifications

- Type : Dual Cone
- Woofer : 3" Coated Paper
- Rated Power RMS : 6 W / 100 Volt
- Music Power RMS : 10 W / 100 Volt
- Rated Power RMS : 10 W / 16 Ω
- Music Power RMS : 20 W / 16 Ω
- Trafo Power Tappings : 6 - 3 - 1.5W
- Impedance: 16 Ω / 100 Volt
- Dimensions Outside Ø : 105 mm
- Dimensions Cutout Ø : 82 mm
- Mounting Depth : 70 mm
- Weight : 0.525 Kg

The APart miniature metal CM speaker is a high quality built-in loudspeaker. It has a full metal frame and a coated dual paper cone for the lowest distortion and increased resistance against moisture. It can be used for 100 volt speaker lines as well as low impedance systems, such as hifi, surround or multi room amplifiers/receivers.

For 100 volt systems, different power taps are present on the high quality built-in line transformer: for background music with low background noise, you can use the lower power taps. For maximum sound pressure level, use the highest power tap. The APart technology avoids any overload of your amplifier by applying the unique IMC protection device.

For use as a low impedance speaker, you can bypass the transformer and connect directly to the speaker. Our special impedance of 16 ohms allows you to connect up to 4 speakers per channel onto a regular amplifier than can drive 4 ohms, and 2 – 3 speakers onto an amplifier than can drive 6 ohms. The APart technology offers you a rich, clear and efficient sound, surpassing most of the regular 8 ohm speakers.

Mounting the loudspeaker

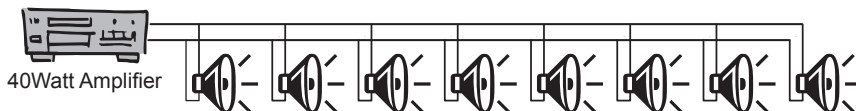
The speaker is very easy to install, first connect the speaker wires, then simply grab the two spring clamps together and carefully slide the speaker in the mounting hole.

Power Tappings

| COLOUR | KLEUR | COULEUR | POWER | IMPEDANCE |
|--------|-------|---------|----------|-----------|
| Black | Zwart | Noir | Common | |
| GREEN | GROEN | VERT | 1.5 Watt | 6.66 KΩ |
| WHITE | WIT | BLANC | 3 Watt | 3.33 KΩ |
| RED | ROOD | ROUGE | 6 Watt | 1.66 KΩ |

100 Volt Technology

$$30 \text{ Watt} = 6 + 6 + 6 + 3 + 3 + 3 + 1.5 + 1.5$$

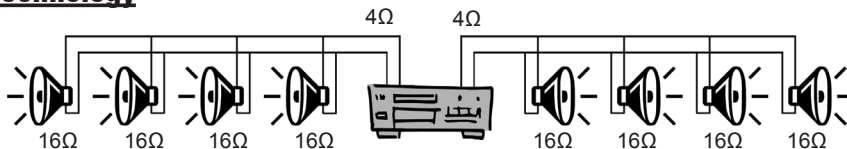


Amplifier power must be higher than total power of all speakers.

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.

16 ohm Technology



Please disconnect the 100 Volt transformer for use in low Z applications. Connect the speaker lines on the speaker directly. All necessary connection hardware is already included and mounted on the speaker.

Gelieve de 100 V transformator bij gebruik in lage Z toepassingen af te koppelen. Koppel de luidsprekerkabels rechtstreeks op de luidsprekers aan. Alle benodigde verbindingstukken zijn inbegrepen en reeds op de luidspreker gemonteerd.

Veillez déconnecter le transformateur lors d'usage en applications basse-Z. Connectez les cables haut-parleur directement sur l'haut-parleur. Tout les pièces de connection sont comprises et déjà installées sur l'haut-parleur.