

Field Excitation 3-way Speaker System TW1100



TW1100 is field excitation speaker system equipped DS701 and T501.

DS701 is coaxial, linear phase, 2-way driver, achieved time-alignment zero by placing cone paper and diaphragm on coplanar.

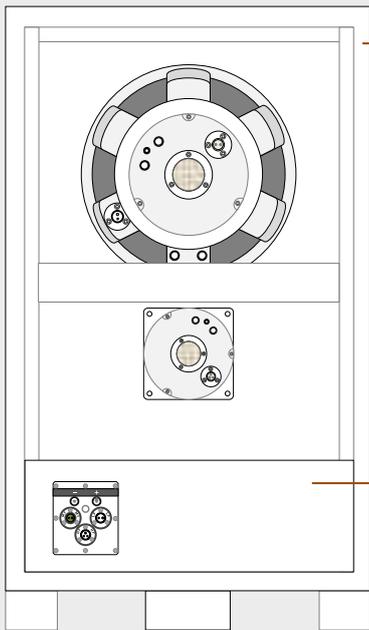
T501 is short horn tweeter that equipped teardrop shaped equalizer and has natural high range.

Dividing-network and field exciter that makes full use of unique know-how perform two drive unit's ability maximally.

TW1100 forms superb sound field by high sensitivity and excellent transient characteristics.

- Equipped driver units : DS701 & T501
- Max Input : 150W
- Rated Input : 30W
- Frequency Response : 25Hz ~ 25000Hz
- Sensitivity : 104dB
- Load Impedance : 8Ω
- Crossover Frequencies : 1.0kHz / 7.0kHz
- Dimensions : 600W × 1125H × 480D mm
- Weight : 110kg
- Accessories : EX103 * 2

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【Enclosure】

Made of over 30mm thick plywood.

Its over 30mm thick board can sustain one of the heaviest speaker unit in the world, as ours.

By making the rear of the enclosure open, it is possible to maximize the ability and potential of the unit, such as the high sensitivity and good transient performance of each excitation speakers.

The resulting harmony of the sounds creates an unparalleled dynamic of the sound field as if the entire space were singing.

The characteristics of the open-back type have basically the same them as the flat baffle, realize free movement without applying a load to driving and braking of the diaphragm, and realize high sensitivity to signals.

【Input terminal / Dividing network DN310】

DN310 is located behind the input terminal board.

To maximize the performance of each unit, the know-how cultivated by Maxonic is utilized in every detail of the parts.



DS701



T501



EX103

【WOOFER】

Thanks to the ultra-light cone paper used and the outstanding electro-magnetic control capability, excitation woofer assures high sensitivity in the playback of heavy bass.

【SQUAWKER】

The diaphragms of high-range are placed on same plane with woofer's cone paper. Thus realizing entirely coaxial and linear-phase configuration time-alignment zero, delivers not only superbenergysensation but reproduces an outstanding sound-field.

【TWEETER_ T501】

Composed of Aluminum short horn with a teardrop type equalizer and three-fold equalizer on the diaphragm side. Both of the front-panel and horn equalize feature unique oxidized film treatment named "Antique-Art".

【Magnetic Circuitry】

An epoch-making excitation-circuit that Maxonic boast of. Yoke, pole piece, etc. are made of iron annealed under 850°C hydrogen.

【Field exciter _ EX103】

Featuring the SID_a diode version of the reputed SIT (Static Induction Transistor) to derive full capability of field coil unit. Variable output voltage selection helps create your favourite sounds.