

**Maronic®**

*Enchanting sound presence*

## FIELD EXCITATION 3WAY SPEAKER SYSTEM

### TW1100



Employing the DS701 exciter-type coaxial, in-phase 2-way unit & the T501 exciter tweeter.

The DS701 exciter-driven speaker where the diaphragms of woofer and mid-range are placed on the same surface level, thus realizing entirely coaxial and in-phase configuration without time-alignment, delivers not only astounding energysensation but reproduces an outstanding sound-stage.

Presenting unparalleled soundstage of superb transient characteristics & powerful, high-sensitivity output achieved by the unique network & exciter system.

◆ Descriptions	DS701_Field Excitation Coaxial Dual 2way Speaker + T501_Field Excitation Tweeter
◆ Max Input	150W
◆ Rated Input	30W
◆ Frequency Response	25Hz ~ 25kHz
◆ Sensitivity	104dB
◆ Load Impedance	8Ω
◆ Crossover Frequencies	970Hz / 7.0kHz
◆ Dimensions	600W × 1120H × 480D
◆ Weight	110kg

\* Accessories : Field Exciter EX103 x 2

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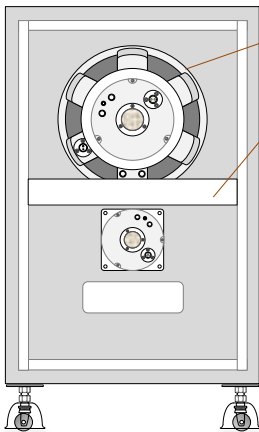


## 【 Enclosure box 】

Made of Douglas fir's plywood, 24-mm thick front portion (3-ply of 5-layer). The Douglas fir offers intrinsic quick response capability, perfect damping effect & rigidity, which is extremely sharp at rings & heart/circumferences ( clear shade of grains). To make the most of these merits, we merely applied mirror finish without decoration plate.

## 【 Bell Casters 】

Casters hidden behind bell-shaped cover. Insure easy removal & transport. By turning the bolt at the ankle portion, the caster is lift up and the speaker gets fixed at the floor space, thus preventing propagation of mechanical vibrations of the enclosure.



The front portion of the DS701 is supported by 8 pcs. M6 screws, and furthermore the magnetic circuitry is firmly fixed by the inner ledge & aluminium heat-sink, which makes it possible to shut off undesired noises caused by mechanical vibrations that impair sonic quality.

## 【 Squawker (Mid-range) 】

Aluminum-cast horn speaker featuring duralumin diaphragm & threefold equalizer. Enforced oxidized film is applied to the surface with so-called antique-art treatment, on which the impressive logo is engraved.

## 【 Woofer 】

employs wavy, free-edge cone composed of ultra-light paper only the exciter-system allows thanks to its outstanding electro-magnetic control capability.



## 【 Unit frame 】

made of extra-thick cast aluminium to sustain the heavy-duty magnetic circuitry.

## 【 Magnetic circuitry 】

An epoch-making exciter-type configuration exclusive to the Maxonic. All the components, yoke, pole, etc. composed of extruded iron annealed under 850°C hydrogen.



## 【 Tweeter 】

Aluminium-extruded short horn type high-lighted with a tear-drop type equaliser, while on the diaphragm side placed is the gunmetal die-cast threefold equaliser. Both of the front-panel & horn-equaliser vaunt of the oxidised film finish as the DS701 does.



## 【 Terminals 】

All the terminals at the rear are specially gilt on the extruded pure copper to eliminate contact resistance.



## 【 Field Exciter EX103 】

Featuring the SID (static induction diode) a diode version of the reputed SIT (static induction transistor) to derive full capability of field-coil unit. Variable output voltage selection (10/11/12/13V) helps create your favourite sounds.

**Maxonic**®

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