



Maxonic

Field Excitation Type 3-way Speaker System  
**TW1300**



All exciter-driven 3-way speaker system employing the new DS702 field-coil 2-way coaxial unit and the T501 exciter-driven tweeter. With the DS702, the horn-squawker disposed at the inner depth of the enclosure makes it possible to provide a longer horn road and its larger number of winding turns in the field-coil ( increased by 30% than that of the former DS701) offers higher density of magnetic flux, thus enhancing the sonic directivity and sharpness and realizing unprecedented affluence and profundity of sound image. Along with the acclaimed tear drop tweeter, the TW1300 is the sublime speaker system Maxonic vaunts of that offers the ultimate performance of the filed-coil – system.

- Description : Field excitation 2way Coaxial Speaker  
 + Field excitation Tear Drop Tweeter
- Max input : 150 W
- Rated input : 30 W
- Frequency response : 25 Hz ~ 25000 Hz
- Sensitivity : 106 dB
- Impedance : 8 Ω
- Crossover Frequencies : 700 Hz / 8000 Hz
- Dimensions : 600 W × 475 D × 1136 H (mm)
- Weight : 110 kg

\* Accessories Field Exciter EX-101 × 3

# Field Excitation Type 3-way Speaker System TW1300



## 【Enclosure】

Made of 36mm-thick white pine (Douglas Fir) plywood from the North America. White Pine excels at transient characteristics, and its 36-mm thick board can sustain one of the heaviest speaker system in the world, as ours.

## 【Bell Casters】

Hidden inside the bell-shaped covers. By turning the bolt at the ankle, it is lifted up and the speaker gets fixed to the floor surface, thus preventing propagation of mechanical vibrations.

## 【Input Terminals】

Its input terminals employ gold-plated copper models. Furthermore, its dividing network component is made of the parts using our long-cultivated know-hows, in order to make the most of the performances of each unit.



DS702



T501



EX-101

## 【 WOOFER / DS702】

Thanks to the ultra-light cone paper used and the outstanding electro-magnetic control capability the exciter-woofer assures sharp attack in the playback of heavy bass.

## 【 SQUAWKER / DS702】

Aluminum-cast horn speaker adopting duralumin diaphragm and three-fold equalizer. Longer horn road created by placement of the diaphragm at the deep rear portion improves both of sharpness and beeline characteristics of reproduced sounds.

## 【 TWEETER / T501】

Composed of Aluminum extruded short horn high-lighted with a tear-drop type equalizer and gunmetal die-cast three-fold equalizer on the diaphragm side. Both of the front-panel and horn equalizer feature unique oxidized film treatment named "Antique-Art".

## 【 Magnetic Circuitry】

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

## 【 Exclusive exciter power supply EX-101】

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.

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S R C Inc.  
<http://www.src-el-main.com>

Miyaki Bld.2F 2-4-2, Yanagibashi Taito-ku, Tokyo, Japan  
Tel : 03-5833-6424 Fax : 03-5833-6425 e-mail : mail@src-el-main.com  
URL : <http://www.src-el-main.com/maxonicpage.html>