

Field Excitation 3-way Speaker System  
TW1500



Applying voltage to the field coil to turn the magnetic circuit itself into an electromagnet... DS703N & T501 are Field excitation speaker.

DS703N minimizes the magnetic flux leakage from the pole piece, It is composed of a new magnetic circuit with the highest characteristics.

The diaphragm is set up the back of the unit, and the longest horn load establish a sound full of presence.

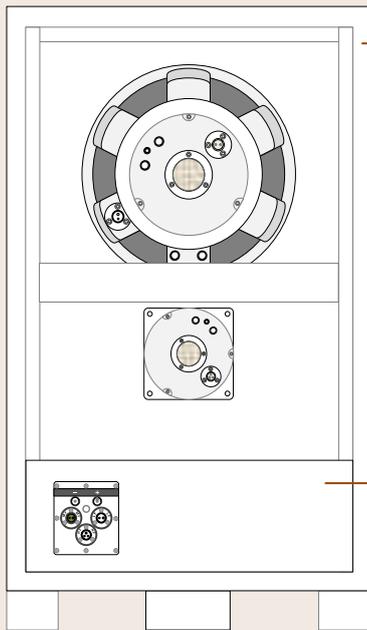
TW1500's enclosures equipped with DS703N and T501 are Open back type.

Open back enclosures give full performance each driver's ability same as baffle plate.

TW1500 offers the ultimate performance of the filed excitation speaker.

- **Mounted Unit** : 2-way Coaxial Speaker DS703N + Tweeter T501
- **Max input** : 150W
- **Rated input** : 30W
- **Frequency response** : 25Hz ~ 25000Hz
- **Sensitivity** : 106dB
- **Impedance** : 8Ω
- **Crossover Frequencies** : 1.0kHz / 7.0kHz
- **Dimensions** : 600W × 1125H × 480D mm
- **Weight** : 110kg
- **Accessories** : Field Exciter EX103 × 2

## Field Excitation 3-way Speaker System TW1500



### 【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.



DS703N



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 】

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

### 【 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.