



pro audio

## TH series

LONG-THROW MULTI-FUNCTION SPEAKER



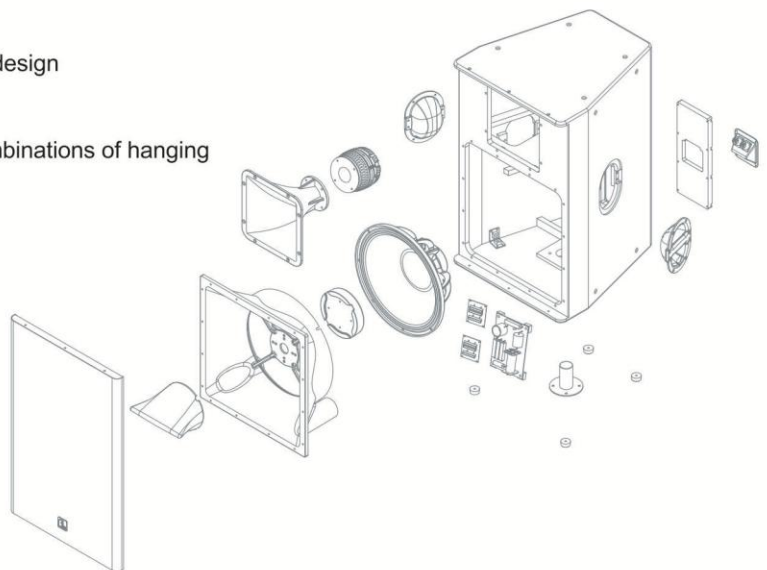
**TH Series is a high sensitivity, high SPL, long-throw speaker**, mid-bass and HF driver all feature horn-loaded design, make the sound transparent and bright, all adopt neodymium units, the cabinet is made of multilayer composite plywood with wear-resistant polyurea paint. The model with A is an active speaker equipped with two channels digital amplifier with DSP.

### FEATURES

- Mid-bass and HF driver all feature horn-loaded design
- High power, high sensitivity, high SPL
- Clear, transparent and bright sound
- Can be used for single hanging, a variety of combinations of hanging
- Active or passive options are available

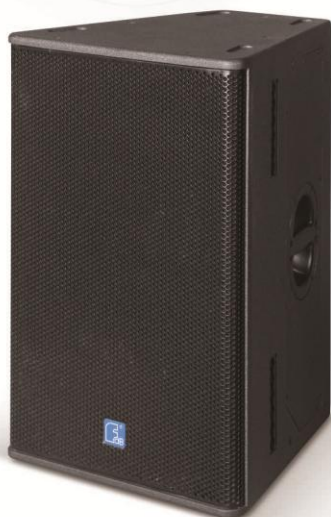
### APPLICATIONS

- Theatres, concert halls
- Multifunction halls, lecture halls,
- Bars, livehouse
- Large-scale sound reinforcement, touring



## TH series TH312 TH312DA

2x12" Two-way Loudspeaker



## TH series TH612 TH612DA

2x12" Three-way Loudspeaker



| MODEL                     | TH312                   | TH312DA                 | TH612                               | TH612DA                    |
|---------------------------|-------------------------|-------------------------|-------------------------------------|----------------------------|
| FREQUENCY RESPONSE(-3dB)  | 60Hz-18KHz              | 60Hz-18KHz              | LF:65Hz-750Hz,MF + HF:550Hz-17kHz   | 65Hz-17kHz                 |
| FREQUENCY RESPONSE(-10dB) | 60Hz-20kHz              | 60Hz-20kHz              | LF:60Hz-800Hz,MF + HF:500Hz-18kHz   | 60Hz-18kHz                 |
| LF DRIVER                 | 2×12" Neo/3"voice coil  | 2×12" Neo/3"voice coil  | 2×12" Neo /3" voice coil            | 2×12" Neo/3" voice coil    |
| MF DRIVER                 | --                      | --                      | 2×1.4" Neo /3.5" voice coil         | 2×1.4" Neo/3.5"voice coil  |
| HF DRIVER                 | 1×1.4" Neo/3"voice coil | 1×1.4" Neo/3"voice coil | 2×1.4" Neo /1.7" voice coil         | 2×1.4" Neo/1.7" voice coil |
| RATED POWER               | 600W RMS,               | 1500W/8Ω +              | LF:600W RMS,2400W peak ;            | 1500W/8Ω +                 |
|                           | 2400W peak              | 460W/8Ω                 | MF + HF:300W RMS,1200W peak         | 460W/8Ω                    |
| SENSITIVITY(1watt/1meter) | 103dB                   | --                      | LF:103dB ;                          | --                         |
|                           |                         | --                      | MF + HF:110dB                       | --                         |
| MAXIMUM SPL               | 131dB continuous,       | 131dB continuous,       | LF:130dB continuous,136dB peak ;    | 130dB continuous,          |
|                           | 137dB peak              | 137dB peak              | MF + HF:134dB continuous,140dB peak | 136dB peak                 |
| IMPEDANCE                 | 4 ohms                  | --                      | LF:8 ohms ;                         | --                         |
|                           |                         | --                      | MF + HF:8 ohms                      | --                         |
| DISPERSION(-6dB)          | 60°×40°                 | 60°×40°                 | 80°×30°                             | 80°×30°                    |
| CROSSOVER FREQUENCIES     | 1.3kHz                  | --                      | 600Hz passive, 6kHz Bi-amp          | --                         |
| INPUT CONNECTORS          | 2×Speakon NL4           | XLR                     | 2×Speakon NL4                       | XLR                        |
| PACKAGE SIZE              | 530×530×795 mm          | 530×530×795 mm          | 665×557×780mm                       | 665×557×780mm              |
| NET WEIGHT                | 32 kg/pc                | 35 kg/pc                | 43 kg/pc                            | 46 kg/pc                   |
| GROSS WEIGHT              | 37 kg/pc                | 40 kg/pc                | 48 kg/pc                            | 51 kg/pc                   |



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# TH series TH315 TH315DA

1x15" Three-way Loudspeaker



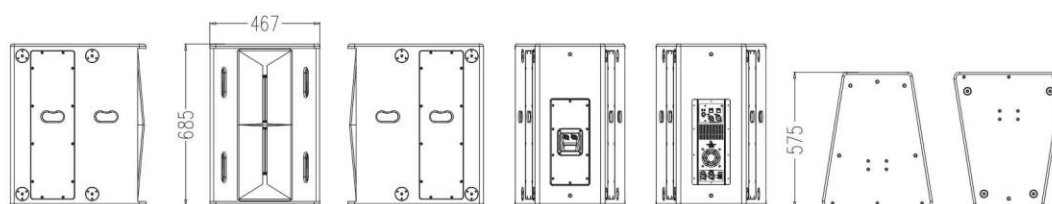
| MODEL                      | TH315                       | TH315DA                     |
|----------------------------|-----------------------------|-----------------------------|
| FREQUENCY RESPONSE(-3dB)   | 50Hz-18KHz                  | 50Hz-18KHz                  |
| FREQUENCY RESPONSE(-10dB)  | 45Hz-20kHz                  | 45Hz-20kHz                  |
| LF DRIVER                  | 1 × 15"/ 3"voice coil       | 1 × 15"/ 3"voice coil       |
| MF DRIVER                  | 1 × 2"/ 3.5"voice coil      | 1 × 2"/ 3.5"voice coil      |
| HF DRIVER                  | 1 × 2"/ 1.7"voice coil      | 1 × 2"/ 1.7"voice coil      |
| RATED POWER                | 400W RMS,1600W peak         | 1500W/8Ω + 460W/8Ω          |
| SENSITIVITY(1 watt/1meter) | 100dB                       | --                          |
| MAXIMUM SPL                | 126dB continuous,132dB peak | 126dB continuous,132dB peak |
| IMPEDANCE                  | 8 ohms                      | —                           |
| DISPERSION(-6dB)           | 70° × 40°                   | 70° × 40°                   |
| CROSSOVER FREQUENCIES      | 500Hz , 5kHz                | --                          |
| INPUT CONNECTORS           | 2 × Speakon NL4             | XLR                         |
| PACKAGE SIZE               | 620 × 590 × 885 mm          | 620 × 590 × 885 mm          |
| NET WEIGHT                 | 39 kg/pc                    | 42 kg/pc                    |
| GROSS WEIGHT               | 44 kg/pc                    | 47 kg/pc                    |
|                            |                             |                             |

## TH Configuration

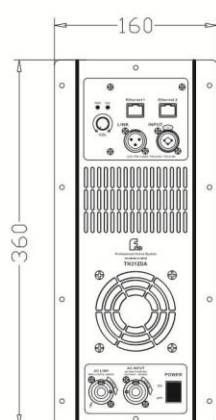
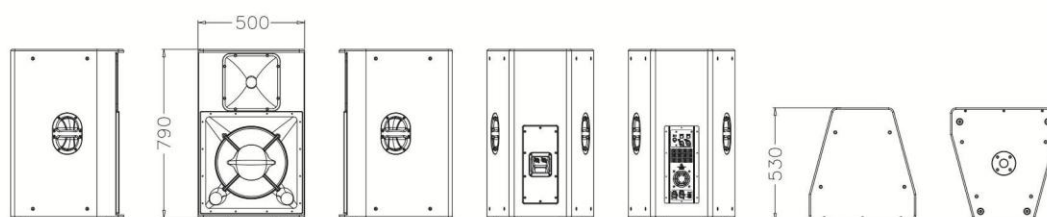
### TH312/TH312DA



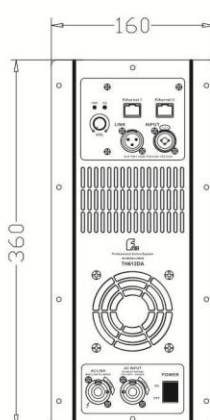
### TH612/TH612DA



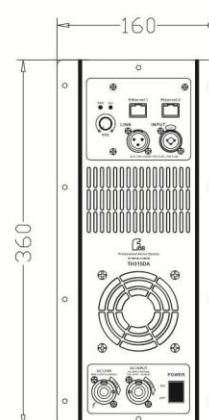
### TH315/TH315DA



TH312DA



TH612DA



TH315DA