

TOA SPEAKER SYSTEM

2-WAY SPEAKER SYSTEM

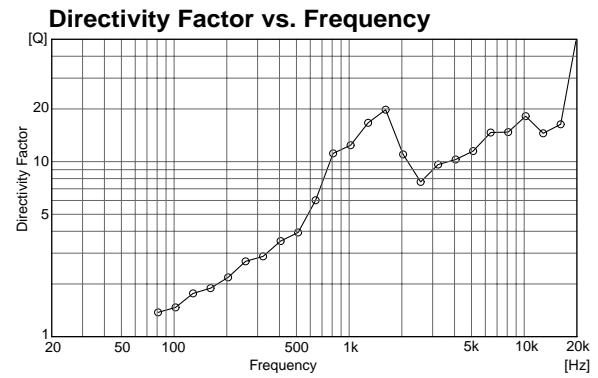
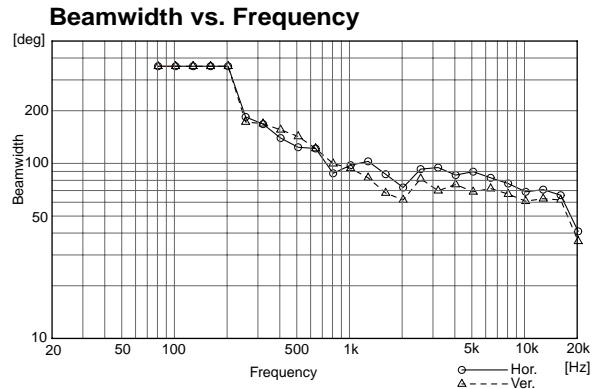
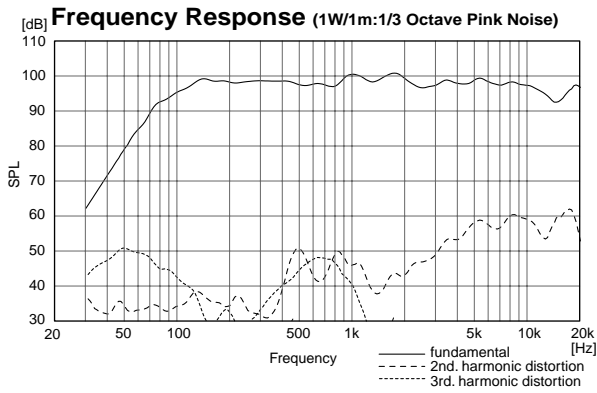


DESCRIPTION

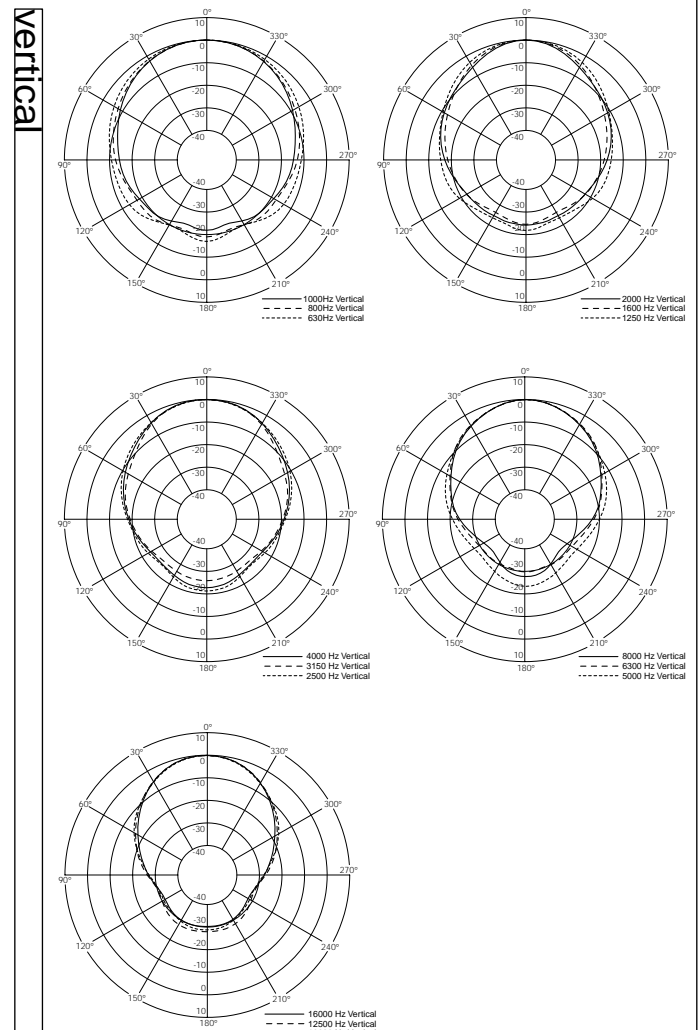
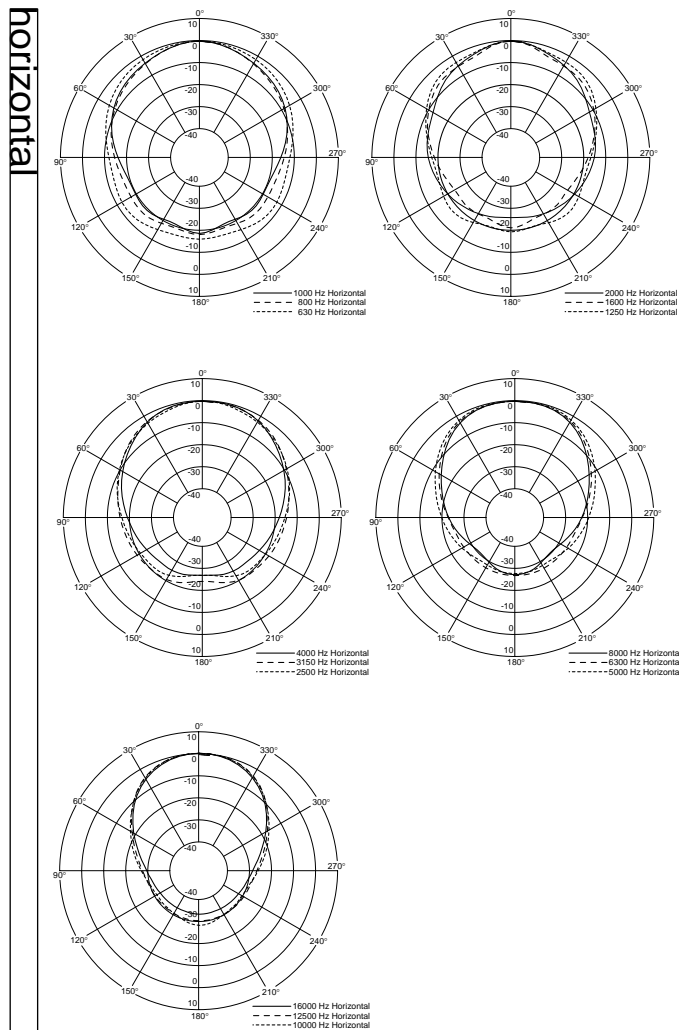
The TOA ES-0871 and ES-0851 are designed for both permanent and portable installations. They are general-use 2-way full-range speaker systems that provide high quality and high power output. Single amplifier operation is possible due to the internal passive network. The new high-frequency horn avoids degradation of radiation pattern in diagonal directions. It minimizes particularity in sound signature of conventional CD horns. Each unit also has a high-efficiency compression driver using a titanium diaphragm and a low-frequency cone speaker driven by a large-size (ES-0871: $\varnothing 200$ mm, 16,200 gauss. ES-0851: $\varnothing 180$ mm, 14,000 gauss) magnetic circuit. Both a Neutrik NL4 speakon connector and a screw terminal are provided to meet a wide range of application needs. They are ideal for playing music, speech and music sources in halls, live houses, clubs, discotheques, convention halls, sporting facilities, schools, religious institutions and hotels. These units are multi-purpose speaker system for both small and large-scale applications. Their rugged construction stands up to expected conditions in all the above applications. A wide range of optional brackets is available for mounting the system on walls, ceilings, a speaker stand, pipes and in suspension. The TOA ES-0871 and ES-0851 can also be used as stage monitors.

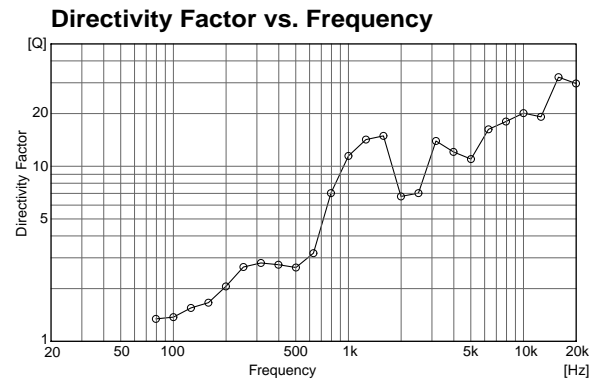
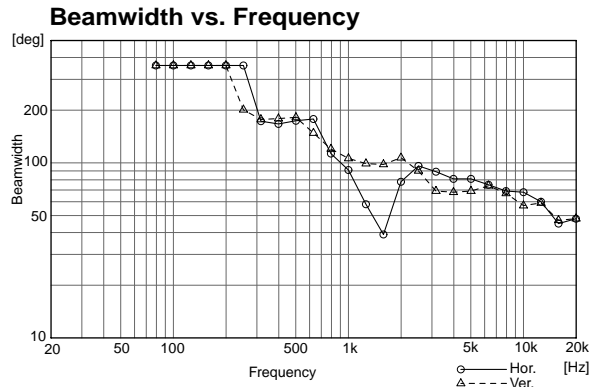
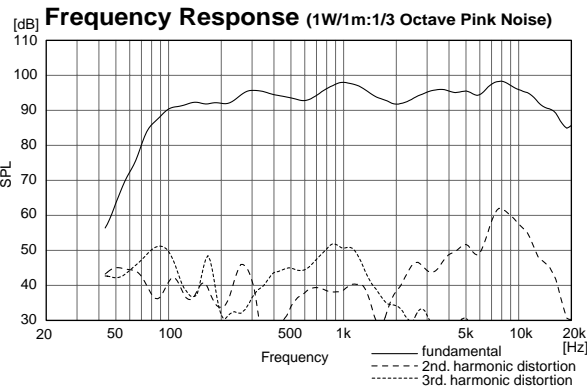
FEATURES

- The internal passive network guarantees high quality sound.
- The units can be installed either vertically or horizontally without affecting the coverage, because the horn can be rotated 90°.
- The speakers can be installed at 45° downward angle in the corner formed by a wall and ceiling, due to its 90° wedge shape cross section.
- The speakers also function as stage monitors.
- Carrying handles facilitates moving and installations.
- The M5 screw terminal assists quick connection.
- The Neutrik NL4MP connector simplifies temporary installation.
- The newly developed horn rectifies degeneration in diagonal radiation pattern.
- The rich variety of brackets can answer almost all installation needs. Special brackets for mounting on walls, ceilings, pipes and a speaker stand (ES-0851 only) are available.



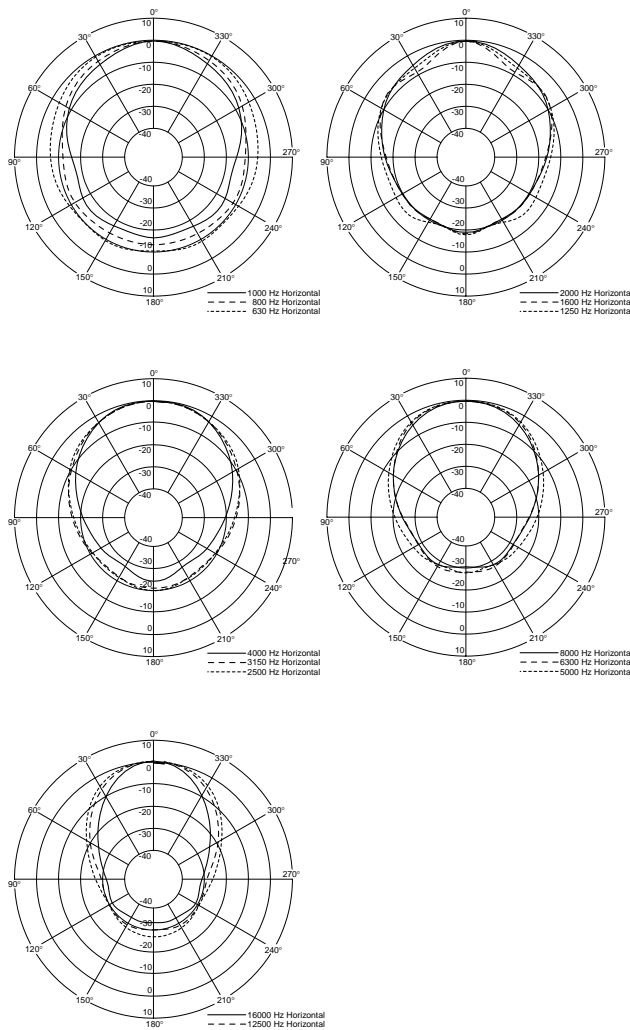
Polar Response



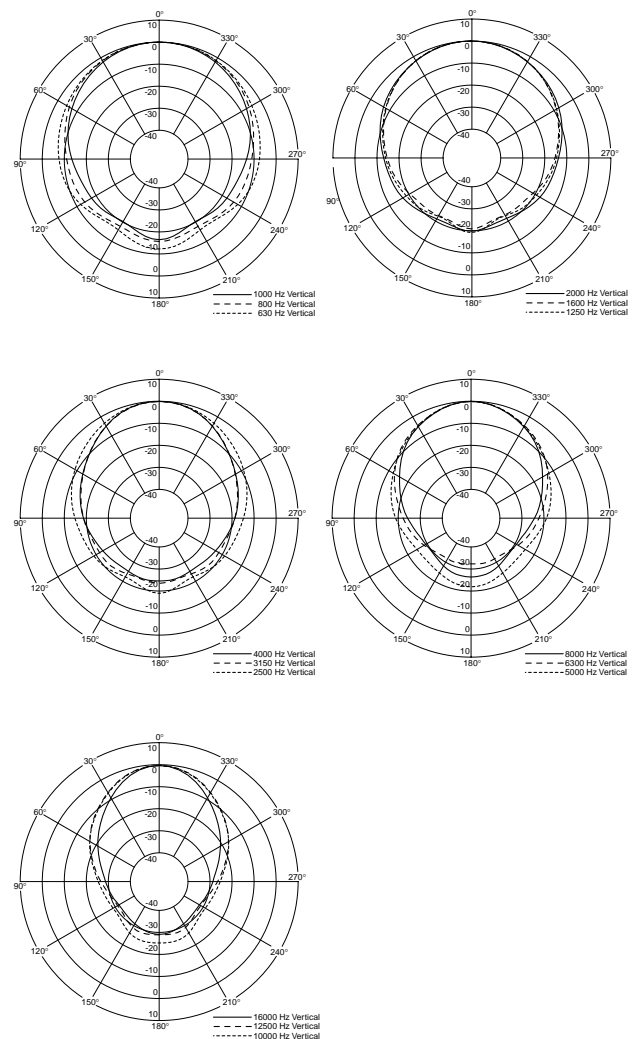


Polar Response

horizontal



vertical





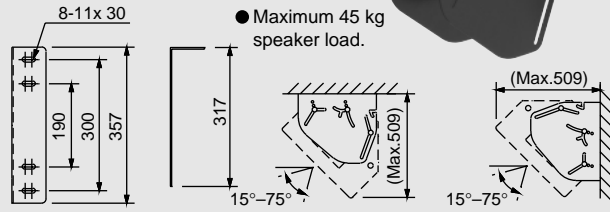
ES-0871
2-Way
Speaker System



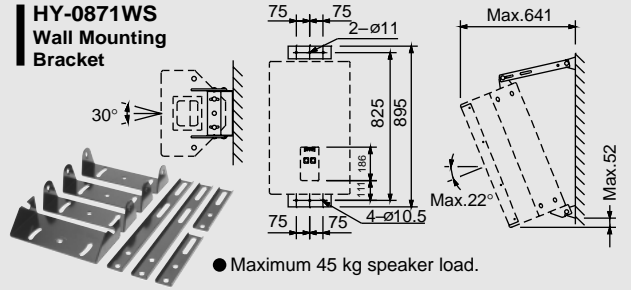
ES-0851
2-Way
Speaker System

Mounting Bracket for ES-0871

HY-0871CL
Wall/Ceiling Mounting Bracket

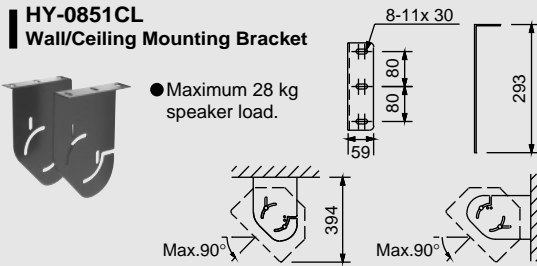


HY-0871WS
Wall Mounting Bracket

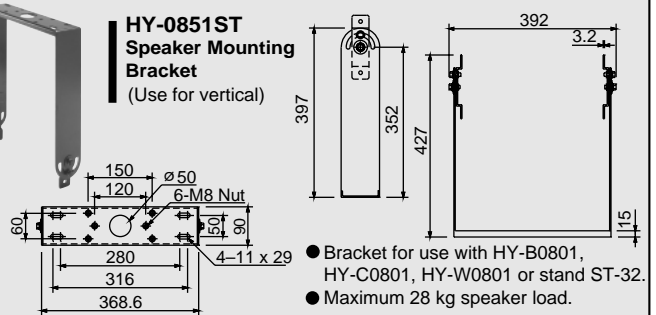


Mounting Bracket for ES-0851

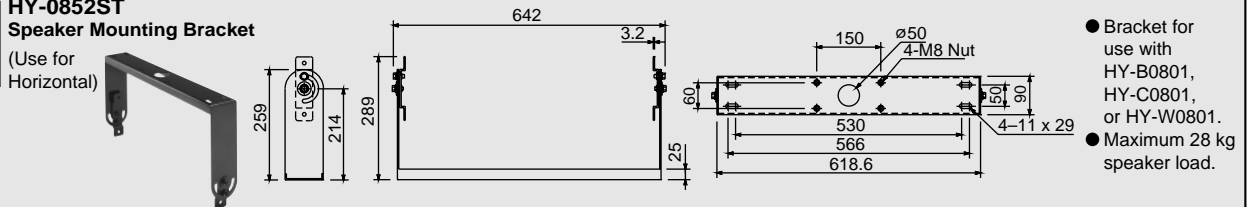
HY-0851CL
Wall/Ceiling Mounting Bracket



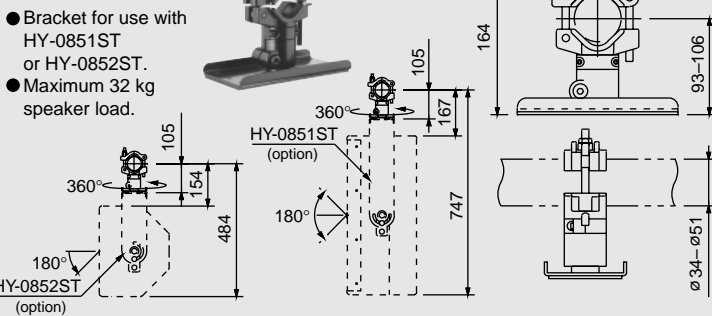
HY-0851ST
Speaker Mounting Bracket
(Use for vertical)



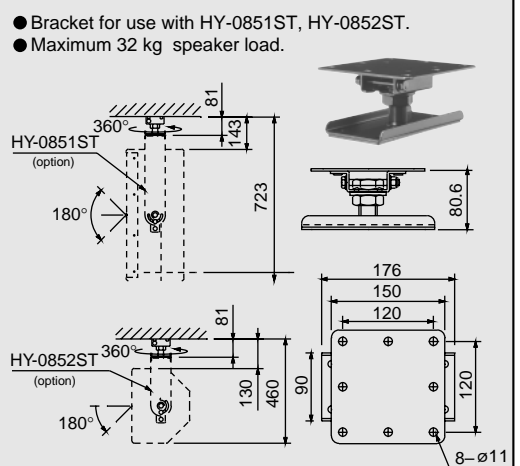
HY-0852ST
Speaker Mounting Bracket
(Use for Horizontal)



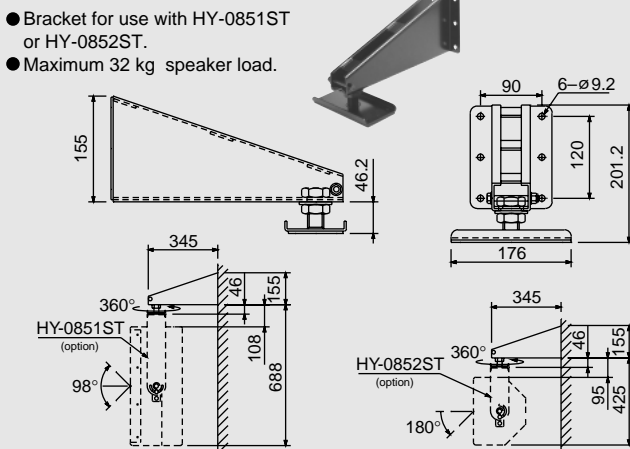
HY-B0801
Ceiling Pipe Bracket



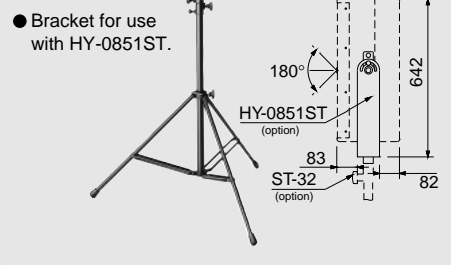
HY-C0801
Ceiling Mounting Bracket



HY-W0801
Wall Mounting Bracket



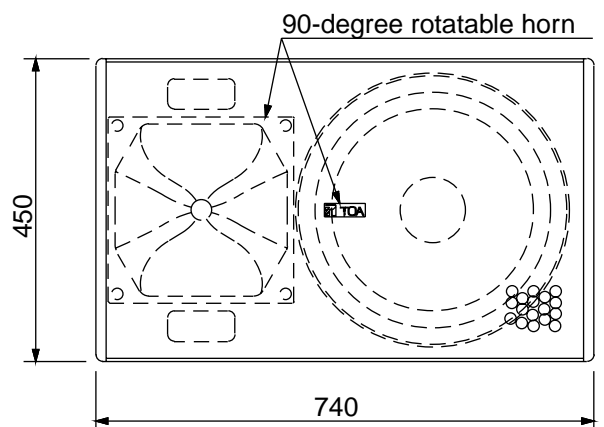
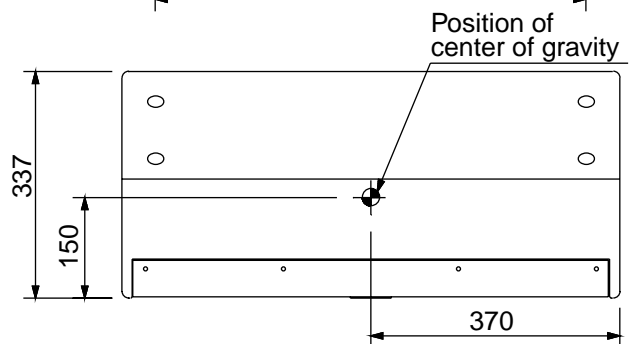
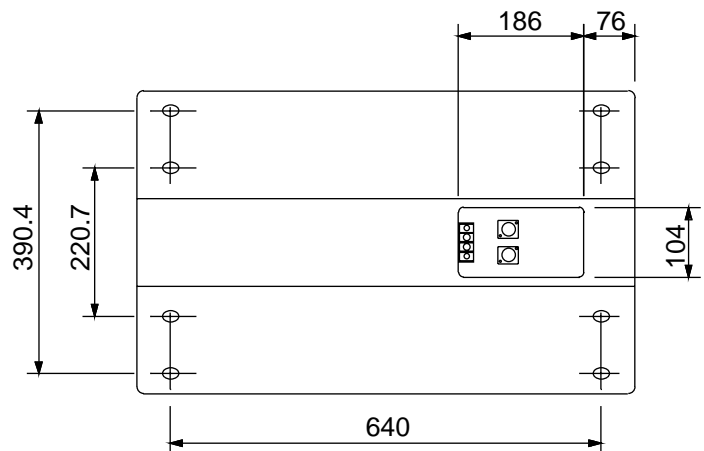
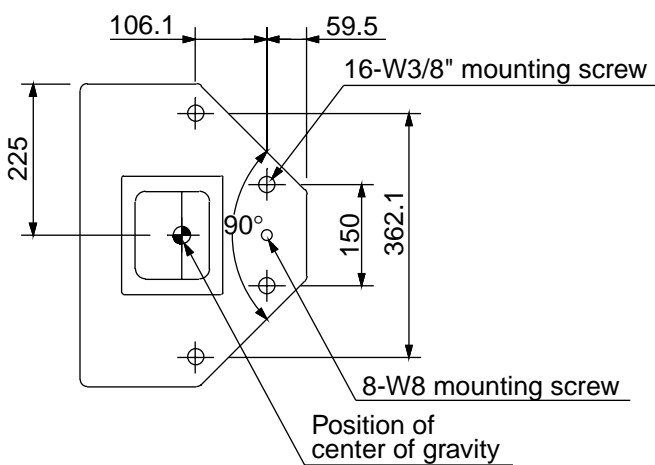
ST-32
Speaker Stand



ES-0871

Enclosure	Bass-reflex type
Power Handling capacity	Continuous pink noise: 200 W Continuous program: 600 W
Rated Impedance	8 Ω
Sound Pressure Level	100 dB (1 W, 1 m)
Frequency Response	70 – 20,000 Hz
Crossover Frequency	1,800 Hz
Speaker Component	Low frequency: 38 cm cone speaker High frequency: CD horn (90° horizontal x 60° vertical or 60° horizontal x 90° vertical) fitted with compression driver
Input Connector	Neutrik NL4MP x 2 and M5 screw terminal (distance between barriers: 12.2 mm)
Finish	Enclose: Plywood, black, urethane paint Front grille: Steel plate, black, acrylic paint
Dimensions	740(W) x 450(H) x 337(D) mm
Weight	37 kg
Option	Mounting bracket: HY-0871CL, HY-0871WS

APPEARANCE AND DIMENSIONAL DIAGRAMS



ES-0851

Enclosure	Bass-reflex type
Power Handling capacity	Continuous pink noise: 200 W Continuous program: 600 W
Rated Impedance	8 Ω
Sound Pressure Level	97 dB (1 W, 1 m)
Frequency Response	80 – 20,000 Hz
Crossover Frequency	1,800 Hz
Speaker Component	Low frequency: 25 cm cone speaker High frequency: CD horn (90° horizontal x 60° vertical or 60° horizontal x 90° vertical) fitted with compression driver
Input Connector	Neutrik NL4MP x 2 and M5 screw terminal (distance between barriers: 12.2 mm)
Finish	Enclose: Plywood, black, urethane paint Front grille: Steel plate, black, acrylic paint
Dimensions	580(W) x 330(H) x 255(D) mm
Weight	20 kg
Option	Mounting bracket: HY-0851ST, HY-0852ST, HY-0851CL, HY-B0801, HY-C0801, HY-W0801 Stand: ST-32 (Can be used either alone or in combination with HY-0851ST.)

APPEARANCE AND DIMENSIONAL DIAGRAMS

