



PUBLIC ADDRESS SPEAKERS



***An innovative balance of form and function,
plus superbly easy installation.***

A completely novel design that is a true combination of form and function.

TOA engineers have worked long and hard to create round speakers with an optimal balance of design and performance.

Pendant and projection speakers are inspired by the finest lighting fixtures, for a perfect harmony with architecture and decor.

Repaintable speakers allow you to customize the color any way you like.

High sound pressure level of up to 30W input ensures excellent sound reproduction in high-ceiling and wall-mount applications.



PJ-64/304 Projection Speaker

Supplied brackets ensure flexible speaker direction changes.



PE-64/304 Pendant Speaker

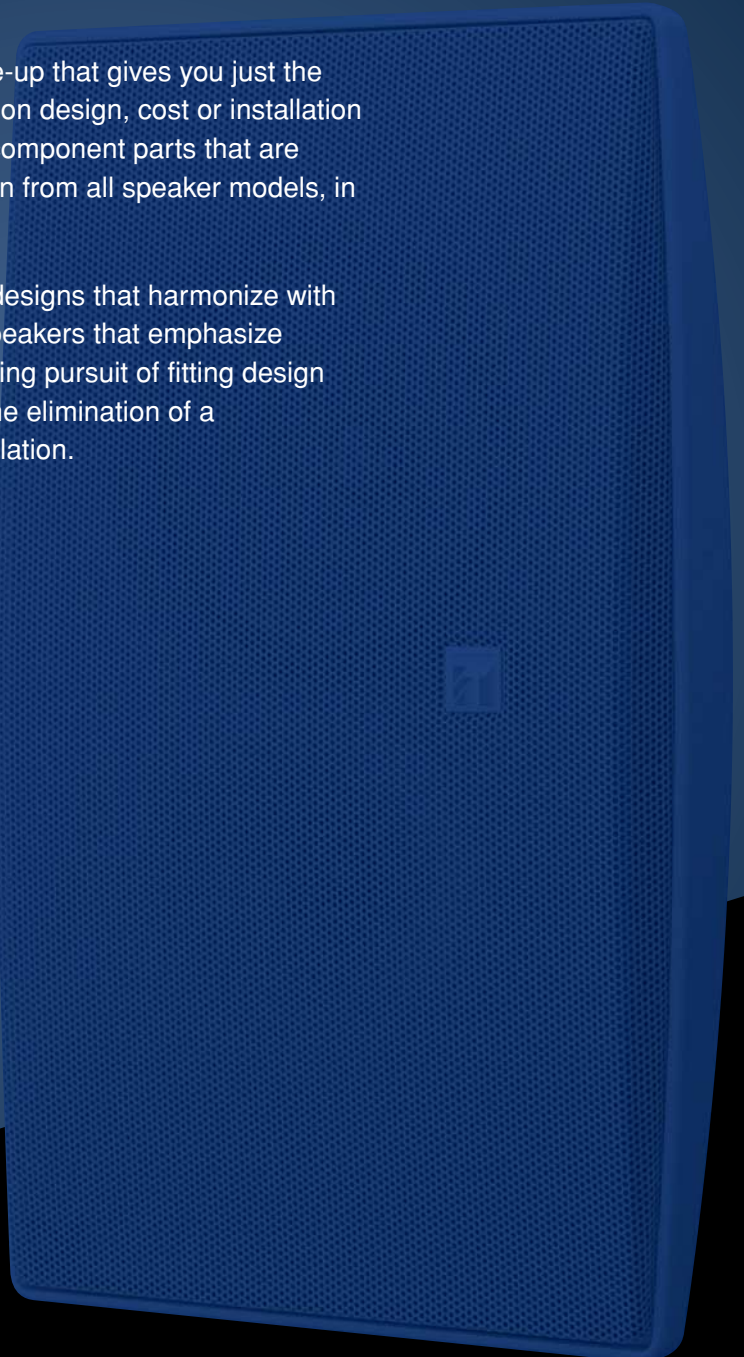
Sturdy cable, extendable up to 5 meters, enables speaker mounting even from a high ceiling.



Speakers with fast installation, standout performance and a design that fits in beautifully.

TOA public address speakers come in a wide line-up that gives you just the speaker you need, whether your choice is based on design, cost or installation requirements. TOA has developed new speaker component parts that are standardized to ensure quality sound reproduction from all speaker models, in every application.

Comprehensive TOA efforts in creating speaker designs that harmonize with the venue's architecture and décor have led to speakers that emphasize unobtrusive mounting. In addition, TOA's unceasing pursuit of fitting design and engineering breakthroughs has resulted in the elimination of a considerable amount of wasted time during installation.



Uncomplicated and easy-to-use fittings cut installation time to half that of conventional models.

Simple and easy installation, thanks to TOA's new proprietary SUS spring-based installation method.

All speakers employ the same simple and easy installation method, unaffected by their diameter size.

Greater variety of ceiling flush-mount speaker diameters and functions, for application flexibility that suits every situation.

Finely crafted design with thin panel that does not detract from venue architecture or interior decor.



PC-2869/2852



PC-2369



PC-1869



Choice of horizontal or vertical installation for a more exact match with the venue.

Innovative BS-634/634T/1034/1034S and BS-680F/FC design is based on the Golden Ratio (1: 1.618), a proportion widely used in Western architecture that is especially pleasing to the eye.

Surface stains easily removable from metal punching net.



BS-1034S



BS-634 /634T/ 1034

Unparalleled ease and simplicity of installation, with simultaneous wiring and mounting capability, then just putting in the speaker unit.



BS-680F/680FC

Strong, all-metal body construction makes this an ideal speaker for emergency broadcasting applications.



BS-633A/633AT

Six watts of output power is double that of 3W conventional speakers. Excellent cost-performance ratio.



BS-678/678T/678B/678BT

Suitable for a wide range of applications, and with an excellent cost-performance ratio. Quick and easy installation.

SPECIFICATIONS

Ceiling Mount Speakers

| Model No. | PC-1869 | PC-2369 | PC-2869 | PC-2852 |
|------------------------------|---|---|---|---|
| Speaker Component | 5"(12cm) cone-type | 6"(16cm) double cone-type | 8"(20cm) double cone-type | 8"(20cm) Coaxial 2-way cone-type |
| Rated Input | 100V LINE: 6W, 70V LINE: 3W | | | 100V LINE: 15W, 70V LINE: 15W |
| Impedance | 100V LINE: 1.7 k Ω (6W), 3.3 k Ω (3W), 6.7 k Ω (1.5W), 13 k Ω (0.8W) 70V LINE: 1.7 k Ω (3W), 3.3 k Ω (1.5W), 6.7 k Ω (0.8W), 13 k Ω (0.4W) | | | 100V LINE: 670 Ω (15W), 1k Ω (10W), 2k Ω (5W), 3.3k Ω (3W) 70V LINE: 330 Ω (15W), 670 Ω (7.5W), 1k Ω (5W), 2k Ω (2.5W), 3.3k Ω (1.5W) |
| Sound Pressure Level (1m/1W) | 90 dB | 93dB | 94dB | 96dB |
| Frequency Response | 55 – 18,000 Hz | 45 – 20,000 Hz | 40 – 20,000 Hz | 45 – 20,000 Hz |
| Input Terminal | Push-in terminal | | | |
| Finish | Baffle: Steel plate, off-white, paint/Grille: Surface-treated steel plate net, off-white, paint | | | |
| Dimensions | ϕ 180 × 72 (D)mm (ϕ 7.09" × 2.83") | ϕ 230 × 79 (D)mm (ϕ 9.06" × 3.11") | ϕ 280 × 92(D)mm (ϕ 11.02" × 3.62") | |

Wall Mount Speakers

| Model No. | BS-633A | BS-633AT | BS-634 | BS-634T | BS-1034 | BS-1034S |
|------------------------------|---|---|---|--|--|--|
| Speaker Component | 5" (12cm) cone-type | | 5"(12cm) cone-type | | 5"(12cm) cone-type + balanced dome tweeter | |
| Rated Input | 100V LINE: 6W, 70V LINE: 3W | | 100V LINE: 6W, 70V LINE: 3W | | 100V LINE: 10W, 70V LINE: 10W | |
| Impedance | 100V LINE: 1.7 k Ω (6W), 3.3 k Ω (3W), 10 k Ω (1W) 70V LINE: 1.7 k Ω (3W), 3.3 k Ω (1.5W), 10 k Ω (0.5W) | 100V LINE: 1.7 k Ω (6W), 3.3 k Ω (3W) 70V LINE: 1.7 k Ω (3W), 3.3 k Ω (1.5W) | 100V LINE: 1.7 k Ω (6W), 3.3 k Ω (3W) 70V LINE: 1.7 k Ω (3W), 3.3 k Ω (1.5W) | 100V LINE: 1.7 k Ω (6W) 70V LINE: 1.7k Ω (3W) | 100V LINE: 1k Ω (10W), 2k Ω (5W), 3.3k Ω (3W), 10k Ω (1W) 70V LINE: 500 Ω (10W), 1k Ω (5W), 2k Ω (2.5W), 3.3k Ω (1.5W), 10k Ω (0.5W) | |
| Sound Pressure Level (1m/1W) | 91 dB | | 90 dB | | | |
| Frequency Response | 120 – 15,000Hz | | 120 – 18,000Hz | | 120 – 20,000Hz | |
| Input Terminal | Push-in terminal | | M4 screw terminal | | | |
| Attenuation | — | 3W: OFF, 1(-12dB), 2(-6dB), 3(0dB) 6W: OFF, 1(-13dB), 2(-7dB), 3(0dB) | — | OFF, 1(-12dB), 2(-6dB), 3(0dB) | — | |
| Finish | Case: ABS resin, Off-white Rear board; Hard board | | Enclosure: HIPS resin, off-white Grille: Surface-treated steel plate net, off-white, paint | | Enclosure: HIPS resin, off-white Grille: Steel plate net, off-white, paint | Enclosure: HIPS resin, silver, paint Grille: Steel plate net, silver, paint |
| Dimensions | 173(W) × 195(H) × 101(D)mm (6.81" × 7.68" × 3.98") | | 210(W) × 330(H) × 80(D)mm (8.27" × 12.99" × 3.15") | | | |

| Model No. | BS-678 | BS-678T | BS-678B | BS-678BT | BS-680F | BS-680FC |
|------------------------------|---|-----------------------------------|---|-----------------------------------|---|------------------------------------|
| Speaker Component | 6"(16cm) double cone-type | | | | 6"(16cm) double cone-type | |
| Rated Input | 100V LINE: 6W, 70V LINE: 3W | | | | 100V LINE: 6W, 70V LINE: 3W | |
| Impedance | 100V LINE: 1.7 k Ω (6W), 3.3k Ω (3W), 6.7 k Ω (1.5W), 13k Ω (0.8W) 70V LINE: 1.7 k Ω (3W), 3.3 k Ω (1.5W), 6.7 k Ω (0.8W), 13 k Ω (0.4W) | | | | 100V LINE: 1.7 k Ω (6W), 3.3 k Ω (3W), 6.7 k Ω (1.5W), 13 k Ω (0.8W) 70V LINE: 1.7 k Ω (3W), 3.3 k Ω (1.5W), 6.7 k Ω (0.8W), 13 k Ω (0.4W) | |
| Sound Pressure Level (1m/1W) | 94 dB | | | | 94 dB | |
| Frequency Response | 150 – 20,000 Hz | | | | 150 – 20,000 Hz | |
| Input Terminal | Push-in terminal | | | | Push-in terminal | Screw connector (ceramic terminal) |
| Attenuation | — | OFF, 1 (-12dB), 2 (-6dB), 3 (0dB) | — | OFF, 1 (-12dB), 2 (-6dB), 3 (0dB) | — | |
| Finish | Baffle: HIPS resin, off-white Cabinet: Wood, off-white Grille: Surface-treated steel plate net, off-white | | Baffle: HIPS resin, black Cabinet: Wood, black Grille: Surface-treated steel plate net, black | | Baffle: Steel plate, off-white Cabinet: Steel plate, off-white Grille: Surface-treated steel plate net, off-white | |
| Dimensions | 250(W) × 190(H) × 110(D)mm (9.84" × 7.48" × 4.33") | | | | 310(W) × 190(H) × 87.2(D)mm (12.20" × 7.48" × 3.43") | |

Pendant Speakers

| Model No. | PE-64 | PE-304 | PJ-64 | PJ-304 |
|----------------------|---|--|---|--|
| Speaker Component | 5"(12cm) cone-type | 5"(12cm) cone-type + balanced dome tweeter | 5"(12cm) cone-type | 5"(12cm) cone-type + balanced dome tweeter |
| Rated Input | 100V LINE: 6W, 70V LINE: 3W | 100V LINE: 30W, 70V LINE: 30W LOW IMP.: 8 Ω | 100V LINE: 6W, 70V LINE: 3W | 100V LINE: 30W, 70V LINE: 30W LOW IMP.: 8 Ω |
| Impedance | 100V LINE: 1.7k Ω (6W), 3.3k Ω (3W), 10 k Ω (1W) 70V LINE: 1.7k Ω (3W), 3.3k Ω (1.5W), 10 k Ω (0.5W) | 100V LINE: 330 Ω (30W), 500 Ω (20W), 670 Ω (15W), 1k Ω (10W), 2k Ω (5W) 70V LINE: 170 Ω (30W), 250 Ω (20W), 330 Ω (15W), 500 Ω (10W), 1 k Ω (5W) LOW IMP: 8 Ω (30W) | 100V LINE: 1.7k Ω (6W), 3.3k Ω (3W), 10 k Ω (1W) 70V LINE: 1.7k Ω (3W), 3.3k Ω (1.5W), 10 k Ω (0.5W) | 100V LINE: 330 Ω (30W), 500 Ω (20W), 670 Ω (15W), 1k Ω (10W), 2k Ω (5W), 70V LINE: 170 Ω (30W), 250 Ω (20W), 330 Ω (15W), 500 Ω (10W), 1k Ω (5W) LOW IMP.: 8 Ω (30W) |
| Sound Pressure Level | 90 dB | 91dB | 90 dB | 91dB |
| Frequency Response | 100 – 18,000 Hz | 70 – 20,000 Hz | 100 – 18,000 Hz | 70 – 20,000 Hz |
| Input Terminal | Push-in terminal | | | |
| Finish | Enclosure: HIPS resin, off-white/Grille: Surface-treated steel plate net, off-white, paint | | | |
| Dimensions | ϕ 186 × 251(H) mm (ϕ 7.32" × 9.88") (unit only) | | ϕ 186 × 369(H) mm (ϕ 7.32" × 14.33") | |

Projection Speakers



Human Society with
Sound & Communication

TOA Corporation

www.toa.jp

Specifications are subject to change without notice.
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