

Ceiling Speakers



Rated Input (100V line)	6W	6W	6W	6W	6W	6W
Sensitivity (1W, 1m)	90 dB	93dB	96dB	94dB	90 dB	90 dB
Frequency Response	55 – 18,000 Hz	45 – 20,000 Hz	45 – 20,000 Hz	40 – 20,000 Hz	100 – 18,000 Hz	65 – 18,000 Hz
Mounting Hole Diameter	ø150 +/-3 mm	ø200 +/-3 mm	ø250 +/-3 mm	ø250 +/-3 mm	ø145 +/-5 mm	ø170 +/-5 mm
Finish	Frame: Grille:	Steel plate, off-white Surface-treated steel plate net, off-white			Polypropylene resin, off-white Surface-treated steel plate net, off-white	
Dimensions	ø180 x 72(D) mm	ø230 x 79 (D) mm	ø280 x 92(D) mm	ø280 x 92(D) mm	ø168 x 77(D) mm	ø192 x 73(D) mm
Features	<ul style="list-style-type: none"> • Flush-mount type • New SUS spring clamp installation method • Low profile design 				<ul style="list-style-type: none"> • Flush-mount type • Spring clamp installation method 	



Rated Input (100V line)	6W	3W	3W, 1W	6W	6W	1W
Sensitivity (1W, 1m)	90 dB	87 dB	88 dB	90 dB	90 dB	100 dB
Frequency Response	100 – 16,000 Hz	150 – 20,000 Hz	180 – 20,000 Hz	100 – 16,000 Hz	100 – 16,000 Hz	500 – 8,000 Hz
Finish	Frame: Grille:	Alloy-coated ABS resin Stainless steel punching net	ABS resin, off-white Stainless steel punching net	Aluminum, off-white Aluminum net, off-white	Aluminum, off-white Aluminum net, off-white	Incombustible used (Aluminum), off-white
Mounting Hole Diameter	—	ø100 mm	ø150 mm	ø156 mm +/-3 mm	ø156 mm +/-3 mm	ø130 mm
Dimensions	ø260 x 202 (D) mm	ø139 x 104.5 (D) mm	ø180 x 120 (D) mm	ø180 x 121(D) mm	ø180 x 121(D) mm	ø116 x 130 (D) mm
Features	• Surface-mount type	• Splash-proof, flush-mount type • Suitable for Clean rooms and Steam sauna rooms • Complies with IP64	• Splash-proof, flush-mount type • Suitable for Shower rooms and Indoor pools • Complies with IP64	• Flush-mount type • An iron-made dome	• Flush-mount type • An iron-made dome • Complies with British Standard BS 5839-8	• Flush-mount type • Withstands 380°C air current for 15 minutes



Rated Input (100V line)	6W	6W	6W	6W
Sensitivity (1W, 1m)	90 dB	90 dB	92 dB	92 dB
Frequency Response	100 - 16,000 Hz	100 - 16,000 Hz	100 - 12,000 Hz	100 - 12,000 Hz
Finish	Unit: Grille: Frame:	Fire-resistant, high-impact styrene resin Aluminum net Metal frame	Fire-resistant, high-impact styrene resin Aluminum net ABS resin frame	Fire-resistant, high-impact styrene resin Aluminum net Metal frame
Mounting Hole Diameter	ø150 mm +/-3 mm	ø150 mm +/-3 mm	ø200 mm +/-3 mm	ø200 mm +/-3 mm
Dimensions	CM-760: 215(W) x 134(H) x 89(D) mm CP-73: ø180 x 16.5(D) mm	CM-760: 215(W) x 134(H) x 89(D) mm CP-77: ø180 x 16.5(D) mm	CM-960: 230(W) x 174(H) x 106(D) mm CP-93: ø230 x 18(D) mm	CM-960: 230(W) x 174(H) x 106(D) mm CP-97: ø230 x 18(D) mm
Features	<ul style="list-style-type: none"> • Separate type • Coil spring catch installation method 			

Box Speakers



BS-634



BS-634T



BS-1034



BS-1034S



BS-680F



BS-680FC

Rated Input (100V line)	6W	6W	10W	10W	6W	6W
Sensitivity (1W, 1m)	90 dB	90 dB	90 dB	90 dB	94 dB	94 dB
Frequency Response	120 – 18.000 Hz	120 – 18.000 Hz	120 – 20.000 Hz	120 – 20.000 Hz	150 – 20.000 Hz	150 – 20.000 Hz
Finish	Enclosure: HIPS resin, off-white Grille: Surface-treated steel plate net, off-white	Enclosure: HIPS resin, off-white Grille: Surface-treated steel plate net, off-white	Enclosure: HIPS resin, off-white Grille: Steel plate net, off-white	Enclosure: HIPS resin, silver Grille: Steel plate net, silver	Enclosure: Steel plate, off-white Grille: Stainless steel punching net, off-white	Enclosure: Steel plate, off-white Grille: Stainless steel punching net, off-white
Dimensions	210(W) x 330(H) x 80(D)mm	210(W) x 330(H) x 80(D)mm	210(W) x 330(H) x 80(D) mm	210(W) x 330(H) x 80(D) mm	310(W) x 190(H) x 87.2(D) mm	310(W) x 190(H) x 87.2(D) mm
Features	<ul style="list-style-type: none"> • Low profile and fashionable shape 	<ul style="list-style-type: none"> • Low profile and fashionable shape • Equipped with selectable attenuation 	<ul style="list-style-type: none"> • Low profile and fashionable shape 	<ul style="list-style-type: none"> • Low profile and fashionable shape 	<ul style="list-style-type: none"> • Wall/in-wall mounting type • Strong all-metal body 	<ul style="list-style-type: none"> • Wall/in-wall mounting type • Strong all-metal body • Complies with British Standard BS 5839-8



BS-678



BS-633A



BS-633AT



BS-1030B



BS-1030W

Rated Input (100V line)	6W	6W	30W	30W	30W
Sensitivity (1W, 1m)	94 dB	91 dB	91 dB	90 dB	90 dB
Frequency Response	150 – 20.000 Hz	120 – 15.000 Hz	120 – 15.000 Hz	80 – 20.000 Hz	80 – 20.000 Hz
Finish	Enclosure: Wood, off-white Grille: Surface-treated steel plate net,	Enclosure: ABS resin, off-white Grille: ABS resin, off-white	Enclosure: ABS resin, off-white Grille: ABS resin, off-white	Enclosure: ABS resin, black Grille: Surface treated steel plate, black, powder coating	Enclosure: ABS resin, white Grille: Surface treated steel plate, white, powder coating
Dimensions	250(W) x 190(H) x 110(D) mm	173(W) x 195(H) x 101(D)mm	173(W) x 195(H) x 101(D)mm	196 (W) x 290 (H) x 150 (D) mm	196 (W) x 290 (H) x 150 (D) mm
Features	<ul style="list-style-type: none"> • High cost-performance • Wooden cabinet 	<ul style="list-style-type: none"> • High cost-performance 	<ul style="list-style-type: none"> • High cost-performance • Equipped with matching transformer 	<ul style="list-style-type: none"> • Complies with IPX4 • High or low impedance switchable 	<ul style="list-style-type: none"> • Complies with IPX4 • High or low impedance switchable



BS-1110W



BS-1120W



BS-5W

Rated Input (100V line)	10W	20W	5W
Sensitivity (1W, 1m)	92 dB	95 dB	90 dB
Frequency Response	150 – 14.000 Hz	150 – 20.000 Hz	120 – 18.000 Hz
Finish	Enclosure: Plywood vinyl coating, white Grille: ABS resin, white Bracket: —	Enclosure: Plywood vinyl coating, white Grille: ABS resin, off-white Bracket: —	Enclosure: Polypropylene Grille: Aluminum punching net, paint Bracket: Rolled steel plate, zinc plating, paint
Dimensions	180(W) x 360(H) x 100(D) mm	180(W) x 720(H) x 100(D) mm	198(W) x 177(H) x 159(D) mm
Features	<ul style="list-style-type: none"> • High or low impedance switchable 	<ul style="list-style-type: none"> • High or low impedance switchable 	<ul style="list-style-type: none"> • Splash-proof 10 cm full-range speaker

TOA Corporation

www.toa.jp

Specifications are subject to change without notice.
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Horn Speakers



TH-100



TH-200



TH-650



TH-660



DH-110



DH-120

Horns

Sensitivity (1W, 1m)	—	—	110 dB*	110 dB*	110 dB*	110 dB*
Frequency Response	—	—	200 – 6,000 Hz*	200 – 6,000 Hz*	180 – 6,000 Hz*	180 – 6,000 Hz*
Finish	Horn flare: Aluminum, ivory white Bracket: Steel, ivory white	Aluminum, ivory white Steel, ivory white	Aluminum, off-white, powder coating Steel, gray, powder coating	Aluminum, off-white, powder coating Steel, gray, powder coating	Aluminum, ivory, powder coating Steel plate, ivory, powder coating	Aluminum, ivory, powder coating Steel plate, ivory, powder coating
Dimensions	482(W) x 511(H) x 538(D) mm	482(W) x 511(H) x 538(D) mm	ø500 – 394 (D) mm	ø600 – 425 (D) mm	ø518 x 968(D) mm	ø518 x 884(D) mm
Features	• Reflex horn designed to be used in conjunction with two optional driver units.	• Reflex horn designed to be used in conjunction with four optional driver units.	• Reflex horn designed to be used in conjunction with an optional single driver unit.	• Reflex horn designed to be used in conjunction with an optional single driver unit.	• Straight horn designed to be used in conjunction with an optional single driver unit. • Equipped with an internal anti-bird net	• Straight horn designed to be used in conjunction with optional two driver units. • Equipped with an internal anti-bird net

*When operated with TU-631/631M/651/651M driver unit.



TU-631



TU-651



TU-631M



TU-651M

Driver Units

Rated Input	30W	60W	30W	60W
Sensitivity (1W, 1m)	110 dB*	110 dB*	110 dB*	110 dB*
Frequency Response	100 – 6,000 Hz **	100 – 6,000 Hz **	100 – 6,000 Hz **	100 – 6,000 Hz **
Finish	Flange: Aluminum, gray, powder coating/Rear cover: ABS resin, gray/Screws: Stainless steel			
Dimensions	ø139 x 106 (D) mm	ø139 x 149 (D) mm	ø139 x 106 (D) mm	ø139 x 149 (D) mm
Dust/Water Protection	IP65**	IP65**	IP65**	IP65**
Operating Temperature	-20°C to +60°C	-20°C to +55°C	-20°C to +60°C	-20°C to +55°C
Features	• Designed to be used in conjunction with an optional horn speaker		• Designed to be used in conjunction with an optional horn speaker • Driver unit with transformer	

**When operated with TH-100/200/650/660 and DH-110/120.



TC-615



TC-631



SC-610



SC-615



SC-630



SC-651

Reflex Horn Speakers

Rated Input	15W (8Ω)	30W (16Ω)	10W (8Ω)	15W (8Ω)	30W (8Ω)	50W (16Ω)
Sensitivity (1W, 1m)	108 dB	110 dB	110 dB	112 dB	113 dB	109 dB
Frequency Response	250 – 7,000 Hz	200 – 6,000 Hz	315 – 12,500 Hz	280 – 12,500 Hz	250 – 10,000 Hz	250 – 6,000Hz
Finish	Horn flare: Aluminum, off-white, powder coating Reflector horn: ABS resin, off-white Bracket holder: Aluminum, gray, powder coating Bracket: Steel, ivory white	Aluminum, off-white, powder coating ABS resin, off-white	Aluminum, off-white, powder coating ABS resin, off-white	Aluminum, off-white, powder coating ABS resin, off-white	Aluminum, off-white, powder coating ABS resin, off-white	Aluminum, off-white, powder coating ABS resin, off-white
Dimensions	ø400(W) x 376(D) mm	ø500 (W) x 463(D) mm	172 (W) x 161 (H) x 188 (D) mm	222 (W) x 179 (H) x 234 (D) mm	285 (W) x 227 (H) x 277 (D) mm	430 (W) x 297.5 (H) x 327 (D) mm
Dust/Water Protection	IP65	IP65	IP65	IP65	IP65	IP65
Operating Temperature	-20°C to +55°C	-20°C to +60°C	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C
Features	• Shock-resistant aluminum round horn • Low-impedance model	• Shock-resistant aluminum round horn • Heat-resistant polyimide diaphragms • Low-impedance model	• Reflex horn designed to be used • Wetherproof reflex horn • Low-impedance model	• Shock-resistant aluminum oval horn • Heat-resistant polyimide diaphragm • Low-impedance model	• Shock-resistant aluminum oval horn • Low-impedance model	• Shock-resistant aluminum oval horn • Heat-resistant polyimide diaphragm • Low-impedance model



TC-615M



TC-631M



SC-610M



SC-615M



SC-630M

Reflex Horn Speakers

Rated Input (100V line)	15W	30W	10W	15W	30W
Sensitivity (1W, 1m)	108 dB	110 dB	110 dB	112 dB	113 dB
Frequency Response	250 – 7,000 Hz	200 – 6,000 Hz	315 – 12,500 Hz	280 – 12,500 Hz	250 – 10,000 Hz

Finish	Horn flare:	Aluminum, off-white, powder coating	Aluminum, off-white, powder coating	Aluminum, off-white, powder coating	Aluminum, off-white, powder coating	Aluminum, off-white, powder coating
	Reflector horn:	ABS resin, off-white	ABS resin, off-white	ABS resin, off-white	ABS resin, off-white	ABS resin, off-white
	Bracket holder:	Aluminum, gray, powder coating	Aluminum, gray, powder coating	—	—	—
	Bracket:	Steel, ivory white	Steel, gray, powder coating	Stainless steel	Stainless steel	Stainless steel
Dimensions	ø400(W) x 376(D) mm		ø500 (W) x 463(D) mm		172 (W) x 161 (H) x 188 (D) mm	
Dust/Water Protection	IP65		IP65		IP65	
Operating Temperature	-20°C to +55°C		-20°C to +60°C		-20°C to +55°C	
Features	<ul style="list-style-type: none"> Shock-resistant aluminum round horn High-impedance model with input impedance selector 		<ul style="list-style-type: none"> Shock-resistant aluminum round horn Heat-resistant polyimide diaphragms High-impedance model with input impedance selector 		<ul style="list-style-type: none"> Shock-resistant aluminum oval horn High-impedance model with input impedance selector 	

Explosion-proof/ Heat-resistant Horn Speakers



TP-M15E



TP-M15D



PC-139

Rated Input (100V line)	15W	15W	1W
Sensitivity (1W, 1m)	104 dB	104 dB	100 dB
Frequency Response	300 – 5.500 Hz	350 – 5.500 Hz	500 – 10.000 Hz
Finish	Horn: Aluminum, ivory/Bracket: Surface zinc treated steel plate		Incombustible material (Aluminum), off-white
Dimensions	ø392 x 475(D) mm	ø242 x 368(D) mm	ø122 x 146(D) mm
Features	• Explosion-proof type		• Withstands 380°C air current for 15 minutes



CS-64



CS-154



CS-304

Wide Range Horn Speakers

Rated Input (100V line)	6W	15W	30W
Sensitivity (1W, 1m)	96 dB	97 dB	98 dB
Frequency Response	130 – 13.000 Hz	150 – 15.000 Hz	120 – 15.000 Hz
Finish	Horn, cover: ABS resin, off-white, paint Bracket: Stainless steel Punched net: Surface treated steel plate, dark-gray, powder coating	Horn, cover: ABS resin, off-white, paint Bracket: Stainless steel Net: Aluminium, gray	
Dimensions	233 (W) x 224 (H) x 208 (D) mm	366 (W) x 230 (H) x 272 (D) mm	366 (W) x 230 (H) x 272 (D) mm
Dust/Water Protection	Equivalent to IPX4	IP65	IP65
Features	<ul style="list-style-type: none"> Input impedance changeable An exponential horn 	<ul style="list-style-type: none"> Input impedance changeable A constant directivity horn (Horizontal 90°C) 	

Garden Speaker



GS-302

Garden Speakers

Rated Input (100V line)	30W
Sensitivity (1W, 1m)	87 dB
Frequency Response	100 – 8.000 Hz
Finish	Top cover and base: FRP resin, dark gray Speaker panel: ABS resin, dark gray Legs: Aluminum, dark gray
Dimensions	ø270 x 335(H) mm
Dust/Water Protection	Equivalent to IPX4
Features	• Especially designed for the use in the garden

Pendant/Projection Speakers



PE-64



PE-304



PJ-64



PJ-304



PJ-100W



PJ-200W

Pendant/Projection Speakers

Rated Input (100V line)	6W	30W	6W	30W	10W	20W
Sensitivity (1W, 1m)	90 dB	91 dB	90 dB	91 dB	92 dB	95 dB
Frequency Response	100 – 18,000 Hz	70 – 20,000 Hz	100 – 18,000 Hz	70 – 20,000 Hz	65 – 15,000 Hz	50 – 20,000 Hz
Finish	Enclosure: HIPS resin, off-white/Grille: Surface-treated steel plate net, off-white				Cabinet, Cover: ABS Resin, off-white/Bracket: SPCC, off-white	
Dimensions	ø186 x 251(H) mm			ø186 x 251(H) mm		160(W) x 200(H) x 195(D) mm
Features	<ul style="list-style-type: none"> Design inspired by the finest lighting fixtures Sturdy cable extendable up to 5 meters Input impedance easily changeable 			<ul style="list-style-type: none"> Design inspired by the finest lighting fixtures Flexible speaker direction adjustment Input impedance easily changeable 		• Compact and wide range projection speaker