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INDOOR WALL-MOUNTING SPEAKER

CSB-10 series

CSB series is design ed for indoor installation and most public address system. It provides quality performance and alternative three models, including Passive speaker cabinet, Speaker cabinet with transformer and Active speaker cabinet. Furthermore we offer optional metal rotatable mounting bracket, thus you can install CSB speaker on wall easily. This new compact speaker series meet every demands for restaurants, supermarkets, shopping malls, pubs and so on.

CSB-10/ 10T/ 10A

Features:

- One way full range
- CSB-10: Passive speaker cabinet
- CSB-10T: Speaker cabinet with transformer
- CSB-10A: Active speaker cabinet
- 3" polypropylene coated shield transducer
- 0.5" (13mm) voice coil diameter
- Connector: Wiring Terminal
- High impact polypropylene enclosure
- Including metal rotatable mounting brackets (CS-2)
- Color: BLACK/ WHITE



CSB-10A



CSB-10T



CSB-10

MODEL	CSB-10	CSB-10T	CSB-10A
System Type:	Passive Speaker Cabinet	Speaker Cabinet with transformer	Active Speaker Cabinet
Speaker:	3" (77 x 77mm) Paper cone speaker 0.5" (13mm) voice coil diameter	3" (77 x 77mm) Paper cone speaker 0.5" (13mm) voice coil diameter	3" (77 x 77mm) Paper cone speaker 0.5" (13mm) voice coil diameter
SPL at 1m / 1w:	85 dB (±3dB)	85 dB (±3dB)	85 dB (±3dB)
Frequency Response (-10dB):	160Hz-20kHz	160Hz-20kHz	160Hz-20kHz
Impedance:	6 Ω	70V 500 Ω / 1K Ω / 2K Ω 4K Ω 100V 1K Ω / 2K Ω / 4K Ω	4 Ω
Power rating	10W (RMS)	70V 10W / 5W / 2.5W / 1.25W 100V 10W / 5W / 2.5W	10W (RMS)
Connector:	Wiring Terminal	Wiring Terminal	Input-RCA and φ 6.3 Balanced / Output-lick φ 6.3 Jack
External Controls:	—	Power selecting switch	Volume control / Power Switch
Power supply:	—	—	220V-240V / 50Hz ; 110V-220V / 60Hz
Color:	Black / White	Black / White	Black / White
Dimensions (W x D x H):	115 x 107 x 175mm (4.5" x 4.2" x 6.9")	115 x 107 x 175mm (4.5" x 4.2" x 6.9")	115 x 107 x 175mm (4.5" x 4.2" x 6.9")
Weight (Approx.):	0.52 kg (1.2 lbs)	0.9 kg (2 lbs)	1.06 kg (2.4 lbs)

INDOOR WALL-MOUNTING SPEAKER

CSB-20 / 20T / 20A

- Features:
- One way full range
 - CSB-20: Passive speaker cabinet
 - CSB-20T: Speaker cabinet with transformer
 - CSB-20A: Active speaker cabinet
 - 3" polypropylene coated shield transducer
 - 0.8" (20.4mm) voice coil diameter
 - Connector: Wiring Terminal
 - High impact polypropylene enclosure
 - Including metal rotatable mounting brackets (CS-2)
 - Color: BLACK/ WHITE



CSB-20



CSB-20A



CSB-20



CSB-20T



CSB-20A

MODEL	CSB-20	CSB-20T	CSB-20A
System Type:	Passive Speaker Cabinet	Speaker Cabinet with transformer	Active Speaker Cabinet
Speaker:	3" (77 x 77mm) Paper cone speaker 0.8" (20.4mm) voice coil diameter	3" (77 x 77mm) Paper cone speaker 0.8" (20.4mm) voice coil diameter	3" (77 x 77mm) Paper cone speaker 0.8" (20.4mm) voice coil diameter
SPL at 1m / 1w:	85dB (±3dB)	85dB (±3dB)	85 dB (±3dB)
Frequency Response (-10dB):	132Hz-20kHz	132Hz-20kHz	132Hz-20kHz
Impedance:	6Ω	70V 245Ω / 500Ω / 1KΩ / 2KΩ 100V 500Ω / 1KΩ / 2KΩ	4Ω
Power rating:	20W (RMS)	70V 20W / 10W / 5W / 2.5W 100V 20W / 10W / 5W	20W (RMS)
Connector:	Wiring Terminal	Wiring Terminal	Input-RCA and ϕ 6.3 Balanced / Output-lick ϕ 6.3 Jack
External Controls:	—	Power selecting Switch	Volume control / Power Switch
Power supply:	—	—	220V-240V / 50Hz; 110V-220V / 60Hz
Color:	Black / White	Black / White	Black / White
Dimensions (W x D x H):	115 x 107 x 175mm (4.5" x 4.2" x 6.9")	115 x 107 x 175mm (4.5" x 4.2" x 6.9")	115 x 107 x 175mm (4.5" x 4.2" x 6.9")
Weight (Approx.):	0.8 kg (1.78 lbs)	1.18kg (2.6 lbs)	1.33 kg (2.96 lbs)

INDOOR WALL-MOUNTING SPEAKER

CSB-30/40 series

NEW CSB series is designed for indoor installation and most public address systems. Including Passive speaker cabinet, Speaker cabinet with transformer all providing quality performance. These models including rotatable mounting bracket allows the CSB speaker to be wall-mounted easily. This new compact speaker series meet every demand for restaurants, supermarkets, shopping malls, schols and so on.



CSB-30 (IP44)

CSB-30 / CSB-30T, CSB-40 / CSB-40T

- Features:
- CSB-30/CSB-40: Passive speaker cabinet
 - CSB-30T/CSB-40T: Speaker cabinet with transformer
 - 4" (106mm) Paper cone speaker
 - CSB-30/30T: 0.8" (20.4mm) voice coil diameter
 - CSB-40/40T: 1" (25.4mm) voice coil diameter
 - With internation protection (IP44) only for weather-proof (for CSB-30 / CSB-40)
 - Connector: Wiring Terminal
 - Power selective switch for CSB-30T/40T
 - Including metal rotatable mounting brackets (CS-2)
 - Color: BLACK/ WHITE



CS-2
Rotatable mounting bracket (Including)



CSB-40T

MODEL	CSB-30 / CSB-40	CSB-30T / CSB-40T
System Type:	Passive Speaker Cabinet	Speaker Cabinet with transformer
Speaker:	4" (102mm) Paper cone speaker 0.8" (20.4mm) voice coil diameter	4" (102mm) Paper cone speaker 1" (25.4mm) voice coil diameter
SPL at 1m / 1w:	88dB (±3dB)	90dB (±3dB)
Frequency Response (-10dB):	80Hz-18kHz	76Hz-18kHz
Impedance:	6Ω	CSB-30T: 70V (163Ω / 333Ω / 665Ω / 1300Ω) ; 100V (333Ω / 665Ω / 1300Ω) CSB-40T: 70V (122Ω / 250Ω / 500Ω / 1000Ω) ; 100V (250Ω / 500Ω / 1000Ω)
Power rating:	CSB-30: 30W RMS ; CSB-40: 40W RMS	CSB-30T: 70V (30W / 15W / 7.5W / 3.75W) ; 100V (30W / 15W / 7.5W) CSB-40T: 70V (40W / 20W / 10W / 5W) ; 100V (40W / 20W / 10W)
Connector:	Wiring Terminal	Wiring Terminal
External Controls:	—	Power selecting Switch
Color:	Black / White	Black / White
Dimensions (W x D x H):	136 x 140 x 206mm (5.35" x 5.51" x 8.11")	136 x 140 x 206mm (5.35" x 5.51" x 8.11")
Weight (Approx.):	1.46~1.7 kg (3.22 ~3.75 lbs)	2.2~2.4kg (4.85~5.3 lbs)

INDOOR WALL-MOUNTING SPEAKERS

CSB-50 / 150 / 175 Series

CSB-series is designed for pure sound in Public Address field.
It provides high performance for outdoor and indoor activities by a polypropylene woofer and titanium dome tweeter.
Encloses with a compact bracket for easily mounting on wall or optional custom aluminum bracket.

CSB-50 / CSB-150 / CSB-175 / CSB-50CV / CSB-150CV / CSB-175CV

- Features:
- 4"/6.5"/8" polypropylene woofer and one titanium dome tweeter, with two way crossovers
 - HIPS cabinet built to handle outdoor conditions
 - Optional variety of mounting brackets
 - With transformer items: CSB-50CV/ 150CV/ 175CV



MODEL	CSB-50/ 50CV	CSB-150/ 150CV	CSB-175/ 175CV
Frequency range:	80Hz~20kHz	50Hz~20kHz	55Hz~20kHz
Sensitivity (IW/IM):	86dB	88dB	90dB
Impedance:	8Ω for CSB-50 100V/ 70V for CSB-50CV	8Ω for CSB-150 100V/ 70V for CSB-150CV	8Ω for CSB-175 100V/ 70V for CSB-175CV
Speaker:	4" Polyproplene woofer 1" titanium dome tweeter	6.5" Polyproplene woofer 1" titanium dome tweeter	8" Polyproplene woofer 1" titanium dome tweeter
Crossover frequency:	2.5kHz-3.5kHz	2.5kHz-3.5kHz	2.5kHz-3.5kHz
Output power:	RMS 30W/ MAX 50W 30W for CSB-50 3.7W-7.5W-15W-30W-PASS for CSB-50CV	RMS 60W/ MAX 120W 60W for CSB-150 7.5W-15W-30W-60W-PASS for CSB-150CV	RMS 90W/ MAX 180W 90W for CSB-175 15W-30W-60W-90W -PASS for CSB-175CV
Bracket:	F-8 + YS_(Connector) (Floor stand) mounting bracket (Including)	F-8 + YS_(Connector) (Floor stand) mounting bracket (Including)	F-8 + YS_(Connector) (Floor stand) mounting bracket (Including)
Dimensions (H × W × D):	220 × 165 × 150mm (8.7" × 6.5" × 5.91")	295 × 230 × 200mm (11.8" × 8.7" × 7.9")	380 × 280 × 220mm (15" × 11" × 8.7")
Weight (Approx.):	CSB-50: 2.2kg (4.85 lbs) CSB-50CV: 2.7kg (5.95 lbs)	CSB-150: 3.5kg (7.72 lbs) CSB-150CV: 4.1kg (9.04 lbs)	CSB-175: 5kg (11 lbs) CSB-175CV: 6.2kg (13.67 lbs)



F-8 + YS_(Connector)
(Floor stand CSB-Series)



VOLUME CONTROLLER

AT-SERIES



AT-6

MODEL	AT-6	AT-10	AT-20	AT-30
Normal power:	6W	10W	20W	30W
Controls:	The Attenuator with transformer and with 11 positions & off.			
Input:	50V, 70V, 100V			
Attenuation:	OFF, 3dB			
Dimensions (W × D × H):	70 × 50 × 120mm (2.8" × 2" × 4.7")			

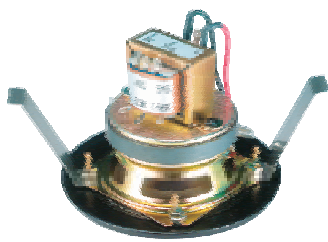
CEILING SPEAKERS

CSL-206S / CSL-206G / CSL-206W / CSL-206B

CSL-206 is for suspended ceiling installation. It has 2.5" 8Ω full range speaker and the grille is a metal construction. The assembly can be simply and quickly installed into the ceiling cavity. You can use them conveniently. There are four color choices. (white, black, golden and silver) to meet different requirements from customers.

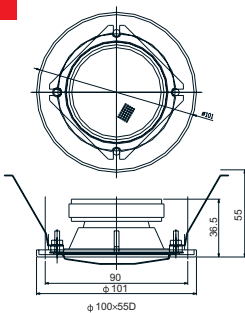


CSL-206B



CSL-206S: CSL-206G: CSL-206W: CSL-206B:
Silver color Golden color White color Black color

CSL-206B



Unit:mm

MODEL	CSL-206B/ 206W/ 206G/ 206S
Input power:	RMS 6W
Output power:	6, 3, 1.5W
Speaker:	2.5"-8Ω paper cone speaker
Impedance:	100V-1.66KΩ/3.3KΩ/6.66KΩ 70V-816Ω/1.66KΩ/3.3KΩ 50V-416Ω/816Ω/1.66KΩ
Input voltage:	50, 70, 100V
S.P.L:	86dB (1W/ M)
Material:	Metal (Metal grille)
Dimensions:	φ 100 × 55mm (φ 3.9" × 2.2")

CEILING SPEAKERS

CSL-303/ 305/ 407/ 410

These ceiling speakers are designed for speech and music applications, flush or surface mounting in ceilings. This series has full-range speakers for general purpose. The body is in white-color ABS resin and with metal grille. 3-position selection can adjust the sound power. Two spring-loaded ceiling clamps that enable it to be mounted securely.



CSL-303 / CSL-305

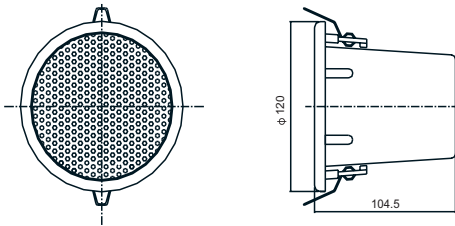


CSL-407 / CSL-410

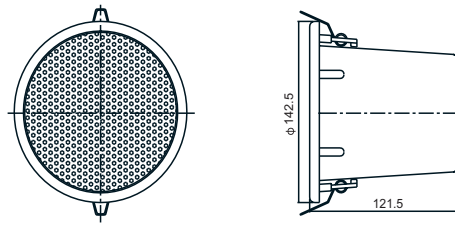


BRACKET HOLDER (Enclosing)

CSL-303/CSL-305



CSL-407/CSL-410



Unit: mm

MODEL	CSL-303	CSL-305	CSL-407	CSL-410
Input power:	RMS 3W	RMS 5W	RMS 7W	RMS 10W
Output power:	0.75, 1.5, 3W	1.25, 2.5, 5W	1.75, 3.5, 7W	2.5, 5, 10W
Speaker:	3"-8Ω paper cone speaker	3"-8Ω paper cone speaker	4"-8Ω paper cone speaker	4"-8Ω paper cone speaker
Input voltage:	50, 70, 100V	50, 70, 100V	50, 70, 100V	50, 70, 100V
Impedance:	100V-13.3KΩ/6.6KΩ/3.3KΩ 70V-6.6KΩ/3.3KΩ/1.6KΩ 50V-3KΩ/1.6KΩ/833Ω	100V-8KΩ/4KΩ/2KΩ 70V-4KΩ/2KΩ/980Ω 50V-2KΩ/980Ω/500Ω	100V-5.7KΩ/2.8KΩ/1.4KΩ 70V-2.8KΩ/1.4KΩ/700Ω 50V-1.4KΩ/700Ω/357Ω	100V-4KΩ/2KΩ/1KΩ 70V-2KΩ/1KΩ/490Ω 50V-1KΩ/490Ω/250Ω
Frequency response:	250~16kHz	250~16kHz	100~16kHz	100~16kHz
S.P.L:	84dB (1W/ M)	84dB (1W/ M)	92dB (1W/ M)	92dB (1W/ M)
Material:	ABS plastic (metal grille)	ABS plastic (metal grille)	ABS plastic (metal grille)	ABS plastic (metal grille)

CEILING SPEAKERS

CSL-506T/ 510T/ 515T

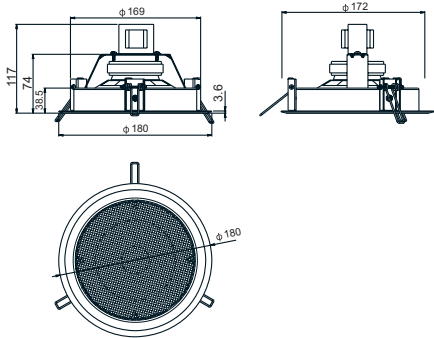
CEILING SPEAKER/ CIRCULAR METAL GRILLE

These ceiling speakers are designed for surface mounting. This series has 5.5" and 6.5" speakers with metal plate. They have tweeter speaker, line transformer and aluminum fire dome functions. You can use these merchandises more convenient and safe.

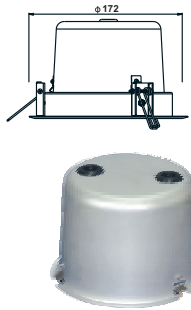
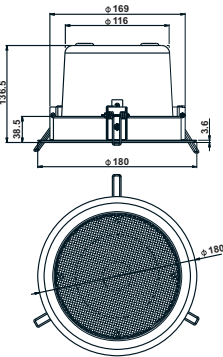


CSL-506T/ 510T/ 515T
φ 180 (7.09")×140 (5.51")D mm

CSL-506T/ 510T/ 515T

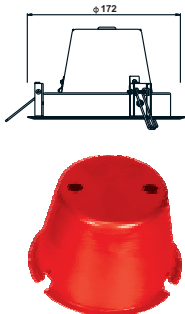
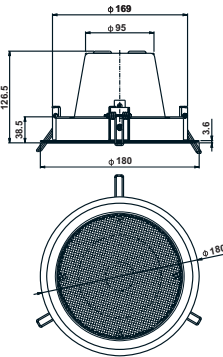


CSL-506/510/515 Series (Aluminum)



Fire Dome (Aluminum)

CSL-506/ 510/ 515 Series (Iron)



Fire Dome (Iron)

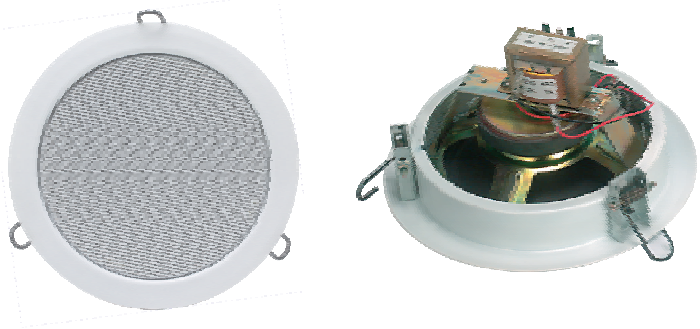
Unit: mm

Model No. + T: With line transformer for 100V/ 70V/ 50V line input
Model No. + F: With Aluminum or Iron fire dome + ceramic terminal block + 152℃ thermal fuse

MODEL	CSL-506T/ TF	CSL-510T/ TF	CSL-515T/ TF
Input power:	RMS 6W	RMS 10W	RMS 15W
Output power:	1.5, 3, 6W	2.5, 5, 10W	3.75, 7.5, 15W
Speaker:	5.5"-8 Ω paper cone speaker	5.5"-8 Ω paper cone speaker	5.5"-8 Ω paper cone speaker
Input voltage:	50, 70, 100V	50, 70, 100V	50, 70, 100V
Impedance:	100V-6.6K Ω / 3.3K Ω / 1.66K Ω 70V-3.3K Ω / 1.66K Ω / 816 Ω 50V-1.66K Ω / 816 Ω / 416 Ω	100V-4K Ω / 2K Ω / 1K Ω 70V-2K Ω / 1K Ω / 490 Ω 50V-1K Ω / 490 Ω / 250 Ω	100V-2.66K Ω / 1.33K Ω / 666 Ω 70V-1.33K Ω / 666 Ω / 326 Ω 50V-666 Ω / 326 Ω / 166 Ω
Frequency response:	100~18kHz	100~18kHz	100~18kHz
S.P.L:	90dB (1W/ M)	90dB (1W/ M)	90dB (1W/ M)
Material:	Metal (Metal grille)	Metal (Metal grille)	Metal (Metal grille)

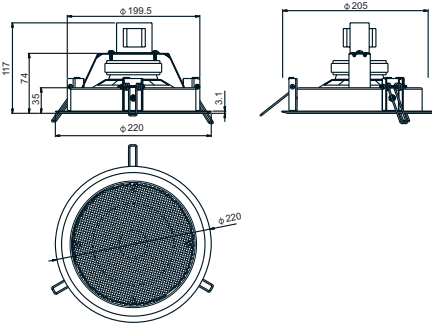
CEILING SPEAKERS

CSL-606T/ 610T/ 615T

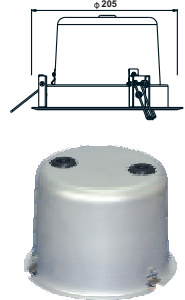
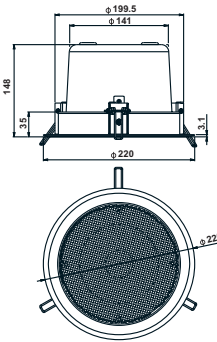


CSL-606T/ 610T/ 615T
φ 220 (8.66")×150 (5.9")D mm

CSL-606T/ 610T/ 615T

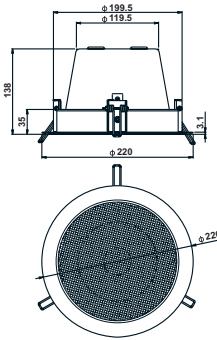


CSL-606/610/615 Series(Aluminum)



Fire Dome (Aluminum)

CSL-606/610/615 Series (Iron)



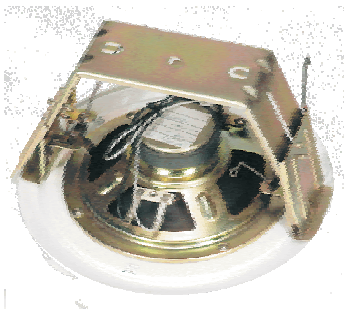
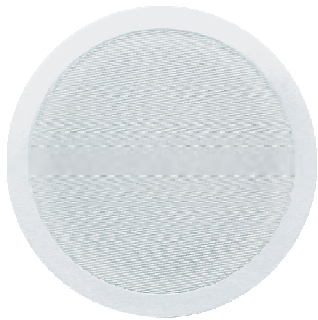
Fire Dome (Iron)

Unit: mm

Model No. + T: With line transformer for 100V/ 70V/ 50V line input
Model No. + F: With Aluminum or Iron fire dome + ceramic terminal block + 152℃ thermal fuse

MODEL	CSL-606T/ TF	CSL-610T/ TF	CSL-615T/ TF
Input power:	RMS 6W	RMS 10W	RMS 15W
Output power:	1.5, 3, 6W	2.5, 5, 10W	3.75, 7.5, 15W
Speaker:	6.5"-8 Ω paper cone speaker	6.5"-8 Ω paper cone speaker	6.5"-8 Ω paper cone speaker
Input voltage:	50, 70, 100V	50, 70, 100V	50, 70, 100V
Impedance:	100V-6.6K Ω / 3.3K Ω / 1.66K Ω 70V-3.3K Ω / 1.66K Ω / 816 Ω 50V-1.66K Ω / 816 Ω / 416 Ω	100V-4K Ω / 2K Ω / 1K Ω 70V-2K Ω / 1K Ω / 490 Ω 50V-1K Ω / 490 Ω / 250 Ω	100V-2.66K Ω / 1.33K Ω / 666 Ω 70V-1.33K Ω / 666 Ω / 326 Ω 50V-666 Ω / 326 Ω / 166 Ω
Frequency response:	100~20kHz	100~20kHz	100~20kHz
S.P.L:	92dB (1W/ M)	92dB (1W/ M)	92dB (1W/ M)
Material:	Metal case (Metal grille)	Metal case (Metal grille)	Metal case (Metal grille)

CEILING SPEAKERS
CSL-806T / CSL-810T

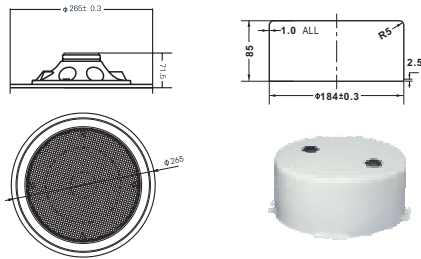


CSL-806T/ 810T

Model NO. + T: With line transformer for 100V/ 70V line input
Model NO. + F: With metal fire dome

The ceiling loudspeakers are designed for surface mounting. This series has 8"-6W and 8"-10W full range speaker and metal construction. The assembly could be simply and quickly installed into the ceiling cavity. The **line transformer** and **metal fire dome** functions make merchandise more convenient and safe for all customers.

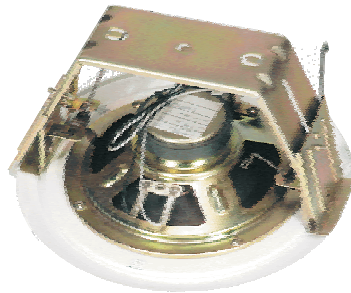
CSL-806T/810T Series



Fire Dome

MODEL	CSL-806T/ TF	CSL-810T/ TF
Input power:	RMS 6W	RMS 10W
Output power:	1.5, 3, 6W	2.5, 5, 10W
Speaker:	8"-8 Ω paper cone speaker	8"-8 Ω paper cone speaker
Input voltage:	70, 100V	70, 100V
Impedance:	100V-6.6K Ω / 3.3K Ω / 1.66K Ω 70V-3.3K Ω / 1.66K Ω / 816 Ω	100V-4K Ω / 2K Ω / 1K Ω 70V-2K Ω / 1K Ω / 490 Ω
Frequency response:	100~20kHz	100~20kHz
S.P.L:	96dB (1W/M)	98dB (1W/M)
Material:	Metal case (Metal grille)	Metal case (Metal grille)
Color:	White	White
Dimensions:	φ 265 × 67.5 (D)mm ; φ 10.4" × 2.7" (D)	φ 265 × 71.5(D)mm ; φ 10.4" × 2.8"(D)

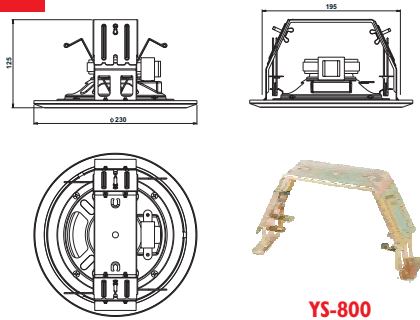
CEILING SPEAKERS
CSL-6006T/ CSL-6010T



CSL-6006T/ 6010T

The panel board and grille of the ceiling speaker are made of steel. CSL-6006 models are applied with 6.5"-6W paper cone speakers, and CSL-6010 with 6.5"-10W paper cone speakers. This series of ceiling speakers can be mounted by springs. The line transformer can be adjusted to different power efficiency output CSL-6006 (6W/ 3W/ 1.5W). The design is easily to remove and repair.

CSL-6006T/6010T Series



YS-800

Unit: mm

MODEL	CSL-6006T	CSL-6010T
Input power:	RMS 6W	RMS 10W
Output power:	1.5, 3, 6W	2.5, 5, 10W
Speaker:	6.5"-8 Ω paper cone speaker	6.5"-8 Ω paper cone speaker
Input voltage:	70, 100V	70, 100V
Impedance:	100V-6.6K Ω / 3.3K Ω / 1.66K Ω 70V-3.3K Ω / 1.66K Ω / 816 Ω	100V-4K Ω / 2K Ω / 1K Ω 70V-2K Ω / 1K Ω / 490 Ω
Frequency response:	100~20kHz	100~20kHz
S.P.L:	92dB (1W/M)	92dB (1W/M)
Material:	Metal case (Metal grille)	Metal case (Metal grille)
Color:	White	White
Dimensions:	φ 230 × 125 (D)mm ; φ 9.1" × 4.9" (D)	φ 230 × 125(D)mm ; φ 9.1" × 4.9"(D)

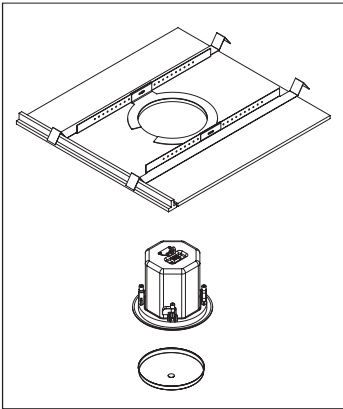
CEILING SPEAKERS

CSL-50/ 50CV/ 150/ 150CV

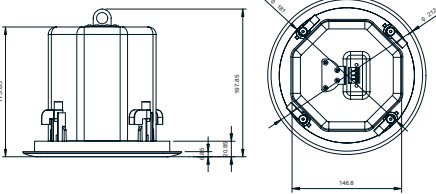
- With 4" and 6.5" speakers
- Metal-plate equipped with 100V/70V line input
- With transformer for CSL-50CV/ 150CV
- Iron Net resisting heat up to 130°C
- Power output: RMS 20W/ MAX 30W (CSL-50)
RMS 40W/ MAX 60W (CSL-150)



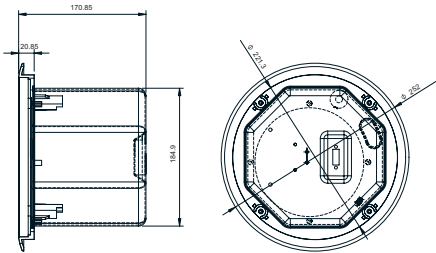
CSL-50CV



CSL-50/50CV



CSL-150/150CV



Unit: mm

MODEL	CSL-50	CSL-50CV	CSL-150	CSL-150CV
Speaker:	4"-16 Ω polypropylene woofer	4"-16 Ω polypropylene woofer	6.5"-16 Ω polypropylene woofer	6.5"-16 Ω polypropylene woofer
Output power:	RMS 20W/ MAX 30W	70V-3.7, 7.5, 15, 30W 100V-7.5, 15, 30W, COM	RMS 40W/ MAX 60W	70V-7.5, 15, 30, 60W 100V-15, 30, 60W, COM
Impedance:	16 Ω ±10%	70V/ 100V	16 Ω ±10%	70V/ 100V
Input voltage:	16 Ω	1.327K Ω /656 Ω /328 Ω /164 Ω	16 Ω	656 Ω /328 Ω /164 Ω /80 Ω
Frequency response:	100~20kHz	100~20kHz	100~20kHz	100~20kHz
S.P.L.:	86dB (1M/ W)	86dB (1M/ W)	88dB (1M/ W)	92dB (1M/ W)
Mounting:	Dog ear flip tabs	Dog ear flip tabs	Dog ear flip tabs	Dog ear flip tabs
Connection:	Removable screw terminal w/loop through output	Removable screw terminal w/ loop through output	Removable screw terminal w/loop through output	Removable screw terminal w/loop through output
Included Accessories:	C-shaped support plate & Tile support rails	C-shaped support plate & Tile support rails	C-shaped support plate & Tile support rails	C-shaped support plate & Tile support rails
Dimensions (D × P):	212 × 176 (8.4" × 6.9")	212 × 176 (8.4" × 6.9")	252 × 210 (9.9" × 8.3")	252 × 210 (9.9" × 8.3")
Net Weight(ea):	2.7Kg (5.95 lbs)	3.5Kg (7.72 lbs)	3.4Kg (7.50 lbs)	6.3Kg (13.89 lbs)

CEILING SPEAKERS

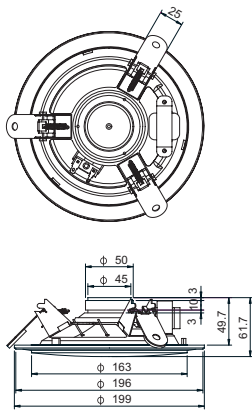
CSL-6106/ 6112/ 6120

- 3 models available in this series
- Output power selectable from 6W, 12W to 20W
- Metal-made plate and grille
- Built-in 6.5" paper cone speaker
- Designed for the airport, hotel, school or office for full-range broadcast

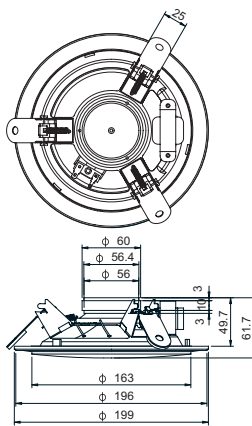


CSL-6106/ 6112/ 6120

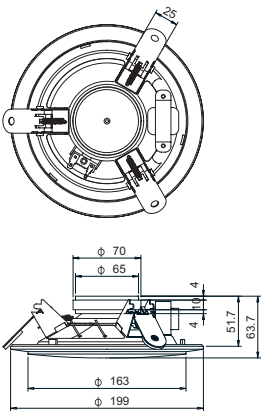
CSL-6106



CSL-6112



CSL-6120



Unit:mm

MODEL	CSL-6106	CSL-6112	CSL-6120
Speaker:	6.5"-4 Ω paper cone speaker	6.5"-4 Ω paper cone speaker	6.5"-4 Ω paper cone speaker
Input power:	RMS 6W	RMS 12W	RMS 20W
Output power:	1.5, 3, 6W	3, 6, 12W	5, 10, 20W
Input voltage:	6.6K Ω / 3.3K Ω / 1.66K Ω	3.3K Ω / 1.66K Ω / 833 Ω	2K Ω / 1K Ω / 500 Ω
Impedance:	100V	100V	100V
Frequency response:	100~20kHz	100~20kHz	100~20kHz
S.P.L.:	86dB (1M/ W)	88dB (1M/ W)	90dB (1M/ W)

PROJECTOR SPEAKERS

This is an octagonal speaker made of aluminium alloy. The aluminum grille and mounting bracket are made of stainless steel and the weather-proof wire end are all designed to meet the outdoor needs. This series of speakers are both weather-proof and rustproof. CSP-506/515/512D/530D models are installed with whole-range paper-cone speakers. They are all equipped with transformers to meet different needs of voltage input (50V, 70V, 100V). There are some sets of power efficiency output for choices.

UNI-DIRECTION

CSP-506/CSP-515



CSP-506
CSP-515

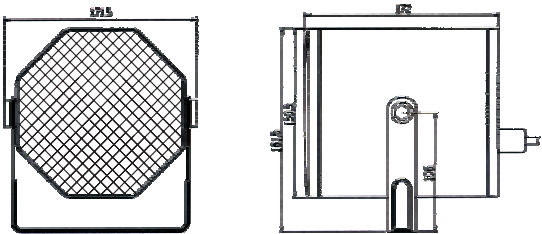
BI-DIRECTION

CSP-512D/CSP-530D

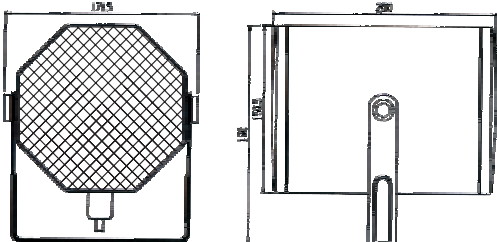


CSP-512D
CSP-530D

CSP-506/515



CSP-512D/530D



Unit: mm

MODEL	CSP-506	CSP-515	CSP-512D	CSP-530D
Input power:	RMS 6W	RMS 15W	RMS 12W	RMS 30W
Output power:	1.5, 3, 6W	3.75, 7.5, 15W	3, 6, 12W	10, 20, 30W
Speaker:	One 5.5"-8 Ω paper cone speaker	One 5.5"-8 Ω paper cone speaker	Two 5.5"-8 Ω paper cone speaker	Two 5.5"-8 Ω paper cone speaker
Input voltage:	50, 70, 100V	50, 70, 100V	50, 70, 100V	50, 70, 100V
Impedance:	100V-6.6K Ω / 3.3K Ω / 1.66K Ω 70V-3.3K Ω / 1.66K Ω / 816 Ω 50V-1.66K Ω / 816 Ω / 416 Ω	100V-2.66K Ω / 1.33K Ω / 666 Ω 70V-1.33K Ω / 666 Ω / 326 Ω 50V-666 Ω / 326 Ω / 166 Ω	100V-4K Ω / 2K Ω / 1K Ω 70V-2K Ω / 1K Ω / 490 Ω 50V-1K Ω / 490 Ω / 250 Ω	100V-2K Ω / 1K Ω / 500 Ω 70V-1K Ω / 500 Ω / 245 Ω 50V-500 Ω / 245 Ω / 125 Ω
Frequency response:	130~20kHz	130~20kHz	140~20kHz	140~20kHz
S.P.L:	90dB (1W/M)	90dB (1W/M)	88dB (1W/M)	88dB (1W/M)

PROJECTOR SPEAKERS

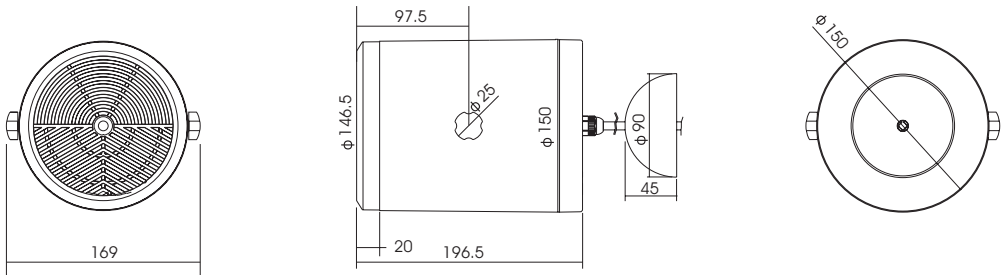
CSP-106PT/ 115PT

This series is good for music or speech reproduction and suitable for public addressing equipment. The pendent design is developed to meet every demand of interior decoration. These loudspeakers are designed to be suspended from ceiling via their 5M 6-core connecting cable that is easy to shorten for desired height. The cable clamp and ceiling cover are supplied and color-matched the pendent projector speaker. So they can effectively bring the design of an interior space for completion. They are suited for installment in pubs, restaurants, bars, display space and coffee shops. The excellent sound spread also makes them ideal for using in building with high ceilings such as hypermarkets and superstores. We strongly recommend not to install them in windy environments.



CSP-106PT (IP44)
CSP-115PT (IP44)

CSP-106PT/CSP-115PT



Unit: mm

MODEL	CSP-106PT	CSP-115PT
Input power:	RMS 6W	RMS 15W
Output power:	1.5, 3, 6W	3.75, 7.5, 15W
Speaker:	One 5.5" wide band ; paper cone speaker	One 5.5" wide band ; paper cone speaker
Input voltage:	50, 70, 100V	50, 70, 100V
Impedance:	100V-6.6K Ω / 3.3K Ω / 1.66K Ω 70V-3.3K Ω / 1.66K Ω / 816 Ω 50V-1.66K Ω / 816 Ω / 416 Ω	100V-2.66K Ω / 1.33K Ω / 666 Ω 70V-1.33K Ω / 666 Ω / 326 Ω 50V-666 Ω / 326 Ω / 166 Ω
Frequency response:	150~20kHz	150~20kHz
S.P.L:	94dB (1W/ M)	94dB (1W/ M)
Material:	ABS resin	ABS resin

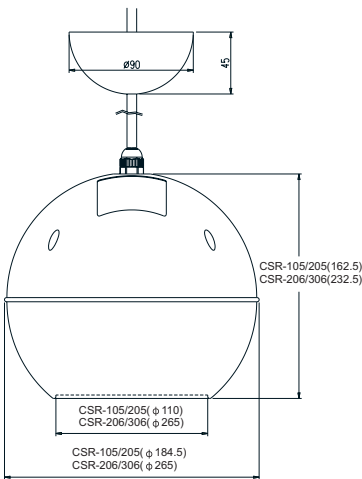
PROJECTOR SPEAKERS

CSR-105/205/206/306

The pendant sphere loudspeakers meet with every demand of interior decoration and meet most public address system. These splash weatherproof loudspeakers are designed to be suspended from ceiling via their 5m 6-core connecting cable that is easy to shorten for desired height. The cable clamp-and ceiling cover are supplied and color-matched the pendant sphere. So they can effectively bring the design of an interior space for completion. They are suited for installment in restaurants, bars, display space and coffee shops. Their excellent sound spread also makes them ideal for using in building with high ceilings such as hypermarkets and superstores. We strongly recommend not to install them in windy environments. The bracket is designed to be installed on wall by the 360° swivel metal bracket. The spherical loudspeakers meet many demands for supermarkets, shopping malls, pubs, restaurants, and most public addressing equipments.



CSR-105/205/
206/306



Unit: mm

CSR-105 (IP44) CSR-205 (IP44)
CSR-206 (IP44) CSR-306 (IP44)

MODEL	CSR-105	CSR-205	CSR-206	CSR-306
Input power:	RMS 10W/ MAX 20W	RMS 20W/ MAX 40W	RMS 20W/ MAX 40W	RMS 30W/ MAX 60W
Output power:	2.5, 5, 10W/ 8Ω	5, 10, 20W/ 8Ω	5, 10, 20W/ 8Ω	7.5, 15, 30W/ 8Ω
Speaker:	5" wide band speaker	5" wide band speaker	6.5" wide band speaker	6.5" wide band speaker
Input voltage:	70V, 100V	70V, 100V	70V, 100V	70V, 100V
Input Impedance:	100V-4KΩ/ 2KΩ/ 1KΩ	100V-2KΩ/ 1KΩ/ 500Ω	100V-2KΩ/ 1KΩ/ 500Ω	100V-1.33KΩ/ 660Ω/ 330Ω
	70V-2KΩ/ 1KΩ/ 490Ω/ 8Ω	70V-1KΩ/ 500Ω/ 245Ω/ 8Ω	70V-1KΩ/ 500Ω/ 245Ω/ 8Ω	70V-660Ω/ 330Ω/ 163Ω/ 8Ω
Frequency response:	110~15kHz (-10dB)	110~13kHz (-10dB)	120~20kHz (-10dB)	120~20kHz (-10dB)
S.P.L:	92dB (1W/ M)	92dB (1W/ M)	94dB (1W/ M)	94dB (1W/ M)
Material:	ABS resin	ABS resin	ABS resin	ABS resin
Weight (Approx.):	1.7kg (3.75 lbs)	1.8kg (3.97 lbs)	2.45kg (5.40 lbs)	2.2kg (4.85 lbs)

PROJECTOR SPEAKERS

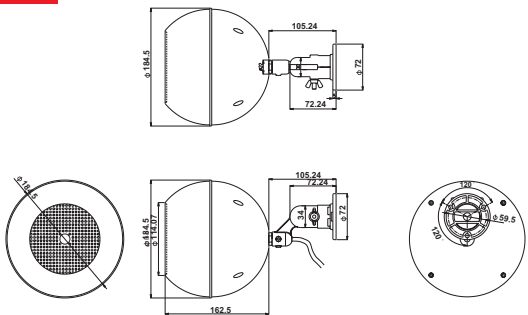
CSR-105Y/205Y/206Y/306Y

The pendant sphere loudspeakers meet with every demand of interior decoration and meet most public address system. These splash weatherproof loudspeakers are designed to be suspended from ceiling via their 5m 6-core connecting cable that is easy to shorten for desired height. The cable clamp and ceiling cover are supplied and color-matched the pendant sphere. So they can effectively bring the design of an interior space for completion. They are suited for installment in restaurants, bars, display space and coffee shops. Their excellent sound spread also makes them ideal for using in building with high ceilings such as hypermarkets and superstores. We strongly recommend not to install them in windy environments. The bracket is designed to be installed on wall by the 360° swivel metal bracket. The spherical loudspeakers meet many demands for supermarkets, shopping malls, pubs, restaurants, and most public addressing equipments.



CSR-105Y (IP44) CSR-206Y (IP44)
CSR-205Y (IP44) CSR-306Y (IP44)

CSR-206Y/306Y



Unit:mm

MODEL	CSR-105Y	CSR-205Y	CSR-206Y	CSR-306Y
Input power:	RMS 10W/ MAX 20W	RMS 20W/ MAX 40W	RMS 20W/ MAX 40W	RMS 30W/ MAX 60W
Output power:	2.5, 5, 10W/ 8Ω	5, 10, 20W/ 8Ω	5, 10, 20W/ 8Ω	7.5, 15, 30W/ 8Ω
Speaker:	5" wide band speaker	5" wide band speaker	6.5" wide band speaker	6.5" wide band speaker
Input voltage:	70V, 100V	70V, 100V	70V, 100V	70V, 100V
Input Impedance:	100V-4KΩ/ 2KΩ/ 1KΩ	100V-2KΩ/ 1KΩ/ 500Ω	100V-2KΩ/ 1KΩ/ 500Ω	100V-1.33KΩ/ 660Ω/ 330Ω
	70V-2KΩ/ 1KΩ/ 490Ω/ 8Ω	70V-1KΩ/ 500Ω/ 245Ω/ 8Ω	70V-1KΩ/ 500Ω/ 245Ω/ 8Ω	70V-660Ω/ 330Ω/ 163Ω/ 8Ω
Frequency response:	110~15kHz (-10dB)	110~13kHz (-10dB)	120~20kHz (-10dB)	120~20kHz (-10dB)
S.P.L:	92dB (1W/ M)	92dB (1W/ M)	94dB (1W/ M)	94dB (1W/ M)
Material:	ABS resin	ABS resin	ABS resin	ABS resin
Weight (Approx.):	1.7kg (3.75 lbs)	1.8kg (3.97 lbs)	2.45kg (5.40 lbs)	2.2kg (4.85 lbs)



YS-30 (Optional)
"Y" Shaped mounting bracket
(For CSR-Y series)