

**Horn Speakers with Round Flare**

**HS815** : 8" 15W 100V Line  
**HS830** : 12" 30W 100V Line



Both models are constructed using rounded aluminum flare of 8" ( HS815 ) and 12" ( HS830 ) with multiple power selection via rotary switch. Suitable for schools, mosques, car parks, factories at indoor or under shade installations and that requires omni direction sound broadcast.

**Horn Speaker with Rect. Flare**

**HS820** : 6" x 8" 15W 100V Line  
**HS822** : 8" x 11" 20W 100V Line



Constructed with high impact ABS flares of different size to suit installation sites where pattern of broadcast shall be controlled, such as low level carparks, corridors, etc. Suitable for indoor or outdoor sites with IP64 rating.

**Sound Projector**

**SP100** : 10W 100V Line



SP100 is used when a more directional sound projection is required for areas such as at narrow corridors, tunnels, walkways, etc. It has aluminum body with metal grille and available with standard power rating of 10W 100V line. Mounting position can be either at wall or hanged from ceiling.

**TECHNICAL SPECIFICATIONS**

	HS815	HS830	SP100	HS820	HS822
Power rating	15W 100V	30W 100V	10W 100V	15W 100V	20W 100V
Power tapping ( W )	1 / 3 / 5 / 10 / 15	3 / 5 / 10 / 15 / 30	Fixed	3 / 7.5 / 10 / 15 W	3 / 7.5 / 10 / 20 W
Impedance ( Ohm )	670	330	1 K Ohm	3.3 K	3.3 K
	1 K	670	-	1.3 K	1.3 K
	2 K	1 K	-	1 K	1 K
	3.3 K	2 K	-	670 Ohm	500 Ohm
	10 K	3.3 K	-		
Frequency response ( +/- dB )	350 ~ 7 KHz	300 ~ 10 KHz	180 ~ 15 KHz	250 ~ 8 KHz	300 ~ 8 KHz
SPL ( 1 W/m @ 1KHz )	103 dB	105 dB	88 dB	105 dB	107 dB
Flare material	Aluminum		Aluminum body	ABS	
Flare dimension	8" round	12" round	-	160 x 220 mm	205 x 280 mm
Overall size ( Dia x L ) mm	210 x 240	310 x 325	140 x 195	L : 240 mm	L : 280 mm
Weight	1.55 kg	1.85 kg	2 kg	1.5 kg	1.9 kg
Colour	Beige		White	White	

**packing information**

HS815 : 695 (W) x 480 (H) x 520 (D) mm  
 23 kg 12 uts per carton

HS820 : 510 (W) x 250 (H) x 250 (D) mm  
 10.7 kg 6 uts per carton

SP100 : 75 (W) x 75 (D) x 255 (H) mm  
 2.1 kg 1 uts per box

HS830 : 665 (W) x 665 (H) x 355 (D) mm  
 10.6 kg 4 uts per carton

HS822 : 590 (W) x 300 (H) x 430 (D) mm  
 10.0 kg 4 uts per carton