

## High Power Horn Speakers



**NEW**

### HS810

50W 100V / 100W 8 Ohm Clear Horn Speaker



IP65 rated

**HS810** is specially made to deliver clear sound close to dual cone speaker but having horn characteristics, for long throw in indoor and outdoor applications, such as beach warning system, highway or urban paging system, mosques, school fields, etc.

It is constructed using high quality aluminium housing with 14" rounded flare for frontal omni directional throw.



IP65 rated

### HS880

80W 100V 20" Horn Speaker

**HS880** constructed using rounded aluminium flare of 20" with multiple power selection. It is suitable for schools, factories, mosques, fencing perimeters etc, which requires loud and clear broadcast.

Drivers are detachable from the flare mounting, connected with 1 3/8" throat. The high power driver is enclosed in die cast housing, enabling it to withstand rough environment such as outdoor environment.



IP54 rated

### LH100

100W 100V Long Throw / Tunnel Horn Speaker

**LH100** is a specially but built long throw directional horn speaker suitable for niche installations such as in tunnels where sound direction is important to minimize reflections and echoes. It is driven by high power driver to overcome high ambient noises such as ventilation fans and moving vehicles.

- Specially **designed for** tunnels and other similar applications
- **High directional horn** of asymmetric output with high SPL and speech intelligibility
- **100W 100V line** voice driver with max SPL at 135 dB @ 1m, 1 KHz
- **Fire retardant fiber glass** construction with rust free mounting accessories
- **Covered flare opening**, a prevention of habitation by animals



## Technical Specifications

	HS810	HS880	LH100
Power rating	50W 100V / 100W 8 Ohm	80W 100V	100W 100V
Power Taps (100V line) W	100W 8 Ohm / 50 / 25 / 12.5	20 / 40 / 60 / 80	50 / 75 / 100
Driver	Combination	Detachable driver with 1 3/8" thread mounting	
Primary impedance (Ohm)	8 / 200 / 400 / 800	500 / 250 / 160 / 125	200 / 133 / 100
Secondary impedance (Ohm)	8	16	
Freq response @ 1 kHz +/- 3 dB	200 ~ 6 KHz	160 ~ 6 KHz	350 ~ 7 KHz
SPL @ 1W / m (+/- 3 dB) 1 kHz (dB)	103	110	115
Max SPL (dB) +/- 3 dB	123	129	135
Horizontal dispersion (1 kHz) degree	70	70	56
Vertical dispersion (1 kHz) degree	70	70	25 (top) ; 60 (bottom)
Body material	Aluminium	Aluminium	FR rated fiberglass
Mounting	Wall / Ceiling	Wall / Ceiling	Ceiling
IP Ratings	IP65	IP65	IP54
Min / Max ambient temperature	-10 ~ 60 deg C		
Overall size w bracket (W x H x D) mm	360 dia x 465	504 dia x 335	730 x 585 x 1565
Weight including driver	3.75 kg	4.0 kg	13.6 kg
Colour	Beige		Black