# UL1480 HyperSpike LineWave Loudspeaker

HyperSpike® Series

#### Overview

Designed with the latest technology in line array speaker systems, the EDWARDS HyperSpike® LineWave loudspeaker is optimized to produce clear and authoritative voice commands and powerful tones never before possible within reverberant environments. The beam forming capability of the LineWave loudspeaker allows even coverage across the listening plane while focusing the acoustic pattern away from surfaces that cause unwanted reflections. This technology is essential for achieving optimum levels of speech intelligibility within reverberant spaces. The result is clear and intelligible direct sound that ensures critical messages are heard and understood.

While line arrays have been around 1877, this is the first availability of line wave speakers to Life Safety and Emergency Communication applications.

- The standard output drop for a speaker is 6 dB for every distance doubling. With line wave, the drop will be less and can approach 3 dB for every distance doubling with the larger units in normal ceiling heights like most rooms and hallways. This provides a much more consistent acoustic level throughout the acoustically defined space.
- An added benefit of the first point is that line source requires lower output power to achieve the same dB level at typical target audience distances and throughout the coverage area.
- In vertical orientation, there is less output to the top and bottom which will improve intelligibility due to limited reflections from the floor and ceiling.
- Multiple drivers allow for less driver displacement over single drivers to achieve the same acoustic output. This reduces the distortion from the drivers and prevents the "overdriven" sound that some loudspeakers produce at maximum output.

#### Standard Features

- Industry Leading Voice Intelligibility for Reverberant Spaces
- 123dB Max SPL @ 1 Meter
- Rated for Indoor or Outdoor Applications
- Universal Mounting Interface
- 25V, 70V, & 100V or 4/8/16Ω Configurable
- Durable Environmental Resistant Construction
- Available in Black, Red, White, Grav
- STI: Excellent Intelligibility Up To 0.93 STI
- SJOOW service cable provided (see description on page 4)
- Agency listings UL1480, ULC-S541 and CSFM
- UL 1480 listing requires the supervised use of the appropriate constant voltage transformer. The direct drive application of the LineWave loudspeakers cannot be supervised and will not meet the UL1480 requirements.

### Sound Output Ratings

Note: Edwards equipment only supports 25 and 70V. Note: Only 25, 70 or 100 V are UL 1480 listed for fire

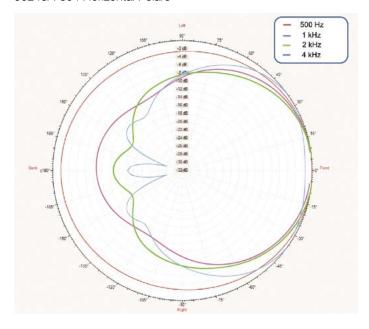
Model	Input Voltage (V)	Tap Color	Power Draw (W)	SPL (Max @ 1m)	*dB SPL Reverb (@ 10ft)	*dB SPL Anechoi (@ 3m)
	25	Blue	0.5	86	72.4	78.2
_	25	Orange	1.3	91	77.1	82.2
_	25	Red	1.6	92	78.2	83.8
_	25	Brown	2.7	94	79.9	85.3
LineWave: 90243A-801-L	70	Blue	3.0	95	80.8	86.3
	70	Orange	8.3	100	84.9	90.7
Transformer: 72575B-801-L	70	Red	10.7	101	85.9	91.9
	70	Brown	15.3	103	87.2	92.7
	100	Blue	5.7	98	83.5	89.1
_	100	Orange	15.3	103	87.1	92.9
-	100	Red	19.5	104	88.0	93.8
	25	Blue	0.8	92	75.8	81.9
_	25	Orange	2.2	97	80.5	86.6
_	25	Red	2.8	98	81.6	87.8
_ineWave:	25	Brown	4.1	100	83.2	89.4
90243A-802-L	70	Blue	5.3	101	84.4	91.2
Transformer:	70	Orange	14.9	106	88.6	94.6
72575B-801-L	70	Red	19.3	107	89.5	95.6
	70	Brown	27.4	109	90.7	96.9
	100	Blue	10.3	104	87.1	92.9
_	100	Orange	27.8	109	90.9	96.9
	25	Blue	1.7	101	79.9	87.8
_	25	White	3.3	103	82.9	91.0
-	25	Orange	6.6	105	85.9	94.3
	25	Yellow	12.7	108	88.5	94.3
_ineWave:						
90243A-803-L	70	Blue	12.4	110	88.5	96.6
Transformer:	70	White	23.9	112	91.2	99.5
72542B-801-L	70	Orange	46.2	114	93.8	102.0
	70	Yellow	81.6	117	95.8	104.0
	100	Blue	23.8	113	91.2	99.0
_	100	White	44.6	115	93.6	101.0
	100	Orange	83.3	117	96.0	104.0
LineWave: 90243A-804-L Transformer:	25	Blue	3.2	106	83.3	92.1
	25	White	6.3	109	86.3	95.1
	25	Orange	12.9	111	89.3	97.4
	25	Yellow	24.3	114	91.7	100.0
	70	Blue	24.3	115	91.8	101.0
	70	White	46.6	118	94.4	103.0
72542B-802-L	70	Orange	90.6	120	96.8	105.0
	70	Yellow	159.3	123	98.4	106.0
_	100	Blue	47.8	118	94.5	103.0
	100	White	89.1	121	96.8	105.0

<sup>\*</sup>UL Standard SPL Measurement

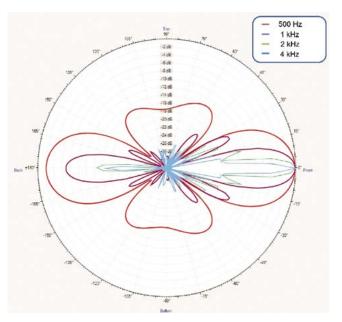
### Sound Dispersion Patterns

#### **Polar Plots and Beam Width**

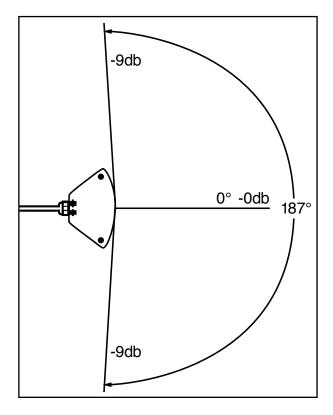
90243A-804 Horizontal Polars



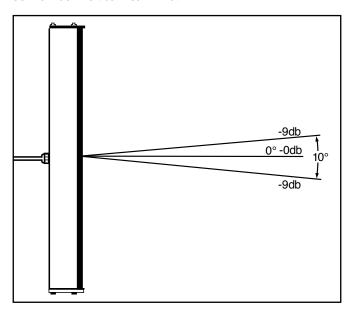
90243A-804 Vertical Polars



90243A-804 Horizontal Beam Width

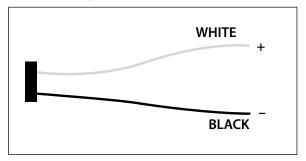


90243A-804 Vertical Beam Width



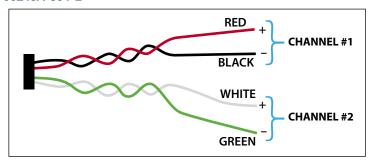
### Wiring Reference

#### 90243A-801-L, 90243A-802-L and 90243A-803-L



LineWave models 90243A-801-L, 90243-802-L, and 90243A-803-L ( $16\Omega$ ,  $8\Omega$ , and  $4\Omega$  respectively) provide a six foot SJOOW-18/2 cable for amplifier interconnection.

#### 90243A-804-L



LineWave model 90243A-804-L provides a six foot SJOOW-18/4 cable wired as two  $4\Omega$  channels for amplifier interconnection

#### SJOOW stands for:

SJ = hard service cable rated for 300V

OO = Oil Resistant both inside insulation and outside jacket.

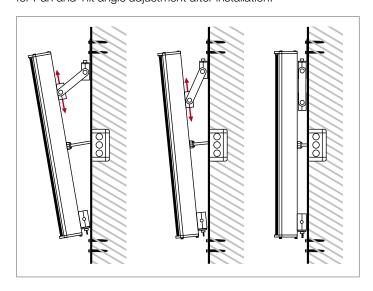
W = CSA designation for weather/water resistance.

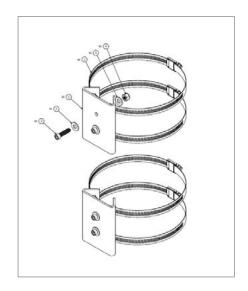
18/4 or 18/2 is the wire gauge and number of conductors.

SJOOW cable is a thermoset cable, it entails a very heavy-duty rubber jacket around the copper wires inside. Thermoset means that it does not get soft or melt at high temperatures.

### Mounting Reference

All LineWave models include hardware to facilitate Wall Mounting. If it is desired to mount a LineWave to a pole, HyperSpike Pole Mount 72581B-801 is available. All mounts allow for Pan and Tilt angle adjustment after installation.





# Specifications

### **Architect and Engineer Specifications:**

Voice paging and tone signaling loudspeaker shall be EDWARDS Part Numbers
Unit shall be UL 1480 Listed, weather resistant and constructed of powder coated aluminum and stee
The loudspeaker shall be able to operate within any ambient temperature environment ranging from
-20°C to 60°C (-4°F to 140°F). The speaker shall have a sensitivity of when measured at 1m
(AVG 250-15,000Hz), and a horizontal beam width of 187° (AVG 1kHz to 4kHz). The transducer coils
shall have a nominal 8 ohm impedance. When applicable, a minimum of four transformer power
settings shall be selectable for each speaker, and it shall operate on 25V, 70V, or 100V distributed
audio systems. Transformers shall contain an in-line capacitor to allow DC supervision of wiring.
Frequency response shall be 250Hz-15kHz. Dimensions shall be"H x 4.9"W x 2.9"D
(cm x 12.47cm x 7.37cm).

# Transformer Specifications

System	72575B-801-L	72542B-801-L	72542B-802-L		
Туре	Optional Transformer				
Operation Mode	25 / 70 /100 Watt Tap Settings				
Line Wave Compatibility	90243A-801-L 90243A-802-L	90243A-803-L	90243A-804-L		
Maximum Power Draw	30W	30W 85W			
Maximum Supervisory Voltage:	32V DC				
Enclosure Material	Plastic				
Ingress Protection	Indoor/Outdoor				
Product Dimensions	5.9 x 5.9 x 3.9	9.8 x 5.9 x 3.9	9.8 x 5.9 x 3.9		
HxWxD (in)	(15.0cm x 15.0cm x 10cm)	(24.9cm x 15.0cm x 10cm)	(24.9cm x 15.0cm x 10cm)		
Net Weight	3lbs (1.36kg)	4.5lbs (2.04kg)	6.5lbs (2.95kg)		



72542B-801-L 72542B-802-L





72575B-801-L

# **Technical Specifications**

Type	System	90243A-801-L	90243A-802-L	90243A-803-L	90243A-804-L	
Number of Speakers in Array   2   4   8   16	Туре	Full Range, Column Loudspeaker				
Maximum Power Draw:         20W         40W         80W         160W           16Ω, 8Ω, and 4Ω Models         105dB         111dB         117dB         123dB           Peak SPL @ 1m         113dB         119dB         125dB         131dB           Usable Range @ 80dB, A-Weighted         17m (56ft)         35m (115ft)         70m (230ft)         141m (463ft)           *Reverb SPL @ 10 ft, 18V Direct Drive         87.8         91.7         94.3         95.7           *Anechoic SPL @ 3m, 18V Direct Drive         93.4         98.0         103.0         104.0           Input Sensitivity (2.83vrms/1m)         85dB         91dB         97dB         103dB           Nominal Impedance         16Ω         8Ω         4Ω         4Ω, 2 Channel           Vertical Coverage -9dB (Avg. 1kHz-4kHz)         99°         45°         21°         10°           Required Input Signal Processing         High Pass at 200Hz – Direct Drive Models Only           Horizontal Coverage         -9dB (Avg. 1kHz-4kHz)         18V RMS, 36V Peak           Ro, and 4Ω Models         18V RMS, 36V Peak           Color         Black, Red, White, Silk Grey           Enclosure Material         Steel           Input Connection         Indoor and Outdoor Applications           <	Operation Mode					
16Ω, 8Ω, and 4Ω Models   20W   40W   80W   160W     Max SPL @ 1m, 18V Direct Drive   105dB   111dB   117dB   123dB     Peak SPL @ 1m   113dB   119dB   125dB   131dB     Usable Range @ 80dB, A-Weighted   17m (56ft)   35m (115ft)   70m (230ft)   141m (463ft)     *Reverb SPL @ 10 ft,	Number of Speakers in Array	2	4	8	16	
Peak SPL @ 1m		20W	40W	80W	160W	
Usable Range @ 80dB, A-Weighted         17m (56ft)         35m (115ft)         70m (230ft)         141m (463ft)           *Reverb SPL @ 10 ft, 18V Direct Drive         87.8         91.7         94.3         95.7           *Anechoic SPL @ 3m, 18V Direct Drive         93.4         98.0         103.0         104.0           Input Sensitivity (2.83Vrms/1m)         85dB         91dB         97dB         103dB           Nominal Impedance         16Ω         8Ω         4Ω         4Ω, 2 Channel           Vertical Coverage -9dB (Avg. 1kHz-4kHz)         99°         45°         21°         10°           Frequency Response (+/- 6dB)         250Hz-15kHz         187°         18V RMS, 36V Peak           Horizontal Coverage -9dB (Avg. 1kHz-4kHz)         187°         18V RMS, 36V Peak         187°           Maximum Input Voltage: 16Ω, 8Ω, and 4Ω Models         18V RMS, 36V Peak         18V RMS, 36V Peak           Color         Black, Red, White, Silk Grey           Enclosure Material         Steel           Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Outdoor Applications           Product Dimensions, HXWXD (in)         (16.76cm x) (31.24cm x) (21.24rcm x) (21.24r	Max SPL @ 1m, 18V Direct Drive	105dB	111dB	117dB	123dB	
A-Weighted  *Reverb SPL @ 10 ft, 18V Direct Drive  *Anechoic SPL @ 3m, 18V Direct Drive  *Anechoic SPL @ 3m, 18V Direct Drive  *Anechoic SPL @ 3m, 18V Direct Drive  93.4  98.0  103.0  104.0  104.0  104.0  104.0  104.0  104.0  104.0  104.0  105.0  106.0  107.0  108.0  109.0	Peak SPL @ 1m	113dB	119dB	125dB	131dB	
18V Direct Drive   87.8   91.7   94.3   95.7     *Anechoic SPL @ 3m, 18V Direct Drive   93.4   98.0   103.0   104.0     Input Sensitivity (2.83Vrms/1m)   85dB   91dB   97dB   103dB     Nominal Impedance   16Ω   8Ω   4Ω   4Ω, 2 Channel     Vertical Coverage -9dB (Avg. 1kHz-4kHz)   99°   45°   21°   10°     Required Input Signal Processing   High Pass at 200Hz - Direct Drive Models Only     Horizontal Coverage -9dB (Avg. 1kHz-4kHz)   187°     Maximum Input Voltage: 16Ω, 8Ω, and 4Ω Models   18V RMS, 36V Peak     Color   Black, Red, White, Silk Grey     Enclosure Material   Steel     Input Connection   SJOOW Cable, 6ft. Provided     Ingress Protection   Indoor and Outdoor Applications     Product Dimensions, HxWxD (in)   12.47cm x   12.47cm x   12.47cm x   12.47cm x   12.47cm x   12.47cm x   7.37cm)   7.37cm   7.37cm     Net Weight (lbs)   2.6 (1.18kg)   4.3 (1.95kg)   7.5 (3.4 kg)   14.7 (6.67kg)     Operating Temperature Range   -20°C - 60°C (-4°F - 140°F)	,	17m (56ft)	35m (115ft)	70m (230ft)	141m (463ft)	
18V Direct Drive         93.4         98.0         103.0         104.0           Input Sensitivity (2.83Vrms/1m)         85dB         91dB         97dB         103dB           Nominal Impedance         16Ω         8Ω         4Ω         4Ω, 2 Channel           Vertical Coverage -9dB (Avg. 1kHz-4kHz)         99°         45°         21°         10°           Required Input Signal Processing         High Pass at 200Hz – Direct Drive Models Only           Horizontal Coverage -9dB (Avg. 1kHz-4kHz)         High Pass at 200Hz – Direct Drive Models Only           Maximum Input Voltage: 16Ω, 8Ω, and 4Ω Models         18V RMS, 36V Peak           Color         Black, Red, White, Silk Grey           Enclosure Material         Aluminum           Grille Material         Steel           Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Outdoor Applications           Product Dimensions, HXWXD (in)         6.6 × 4.9 × 2.9 (31.24cm × 7.37cm)         (60.20cm × (118.11cm × 12.47cm × 7.37cm)           Net Weight (lbs)         2.6 (1.18kg)         4.3 (1.95kg)         7.5 (3.4 kg)         14.7 (6.67kg)           Operating Temperature Range         -20°C - 60°C (-4°F - 140°F)		87.8	91.7	94.3	95.7	
Nominal Impedance         16Ω         8Ω         4Ω         4Ω, 2 Channel           Vertical Coverage -9dB (Avg. 1kHz-4kHz)         99°         45°         21°         10°           Frequency Response (+/- 6dB)         250Hz-15kHz           Required Input Signal Processing         High Pass at 200Hz – Direct Drive Models Only           Horizontal Coverage -9dB (Avg. 1kHz-4kHz)         187°           Maximum Input Voltage: 16Ω, 8Ω, and 4Ω Models         18V RMS, 36V Peak           Color         Black, Red, White, Silk Grey           Enclosure Material         Steel           Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Out-or Applications           Product Dimensions, HxWxD (in)         6.6 × 4.9 × 2.9 (13.24cm × (60.20cm × 12.47cm × 12.47cm × 12.47cm × 7.37cm)         12.47cm × 12.47cm × 7.37cm)         12.47cm × 7.37cm)         14.7 (6.67kg)           Operating Temperature Range         -20°C - 60°C (-4°F - 140°F)	,	93.4	98.0	103.0	104.0	
Vertical Coverage -9dB (Avg. 1kHz-4kHz)         99°         45°         21°         10°           Frequency Response (+/- 6dB)         250Hz-15kHz           Required Input Signal Processing         High Pass at 200Hz – Direct Drive Models Only           Horizontal Coverage -9dB (Avg. 1kHz-4kHz)         187°           Maximum Input Voltage: 16Ω, 8Ω, and 4Ω Models         18V RMS, 36V Peak           Color         Black, Red, White, Silk Grey           Enclosure Material         Aluminum           Grille Material         SJOOW Cable, 6ft. Provided           Input Connection         Indoor and Outdoor Applications           6.6 × 4.9 × 2.9         12.3 × 4.9 × 2.9         23.7 × 4.9 × 2.9         46.5 × 4.9 × 2.9           Product Dimensions, HxWxD (in)         12.47cm x 12.47cm x 12.47cm x 12.47cm x 7.37cm)	Input Sensitivity (2.83Vrms/1m)	85dB	91dB	97dB	103dB	
1kHz-4kHz)         99°         45°         21°         10°           Frequency Response (+/- 6dB)         250Hz-15kHz           Required Input Signal Processing         High Pass at 200Hz – Direct Drive Models Only           Horizontal Coverage -9dB (Avg. 1kHz-4kHz)         187°           Maximum Input Voltage: 16Ω, 8Ω, and 4Ω Models         18V RMS, 36V Peak           Color         Black, Red, White, Silk Grey           Enclosure Material         Aluminum           Grille Material         Steel           Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Outdoor Applications           Product Dimensions, HxWxD (in)         (16.76cm x) (31.24cm x) (60.20cm x) (118.11cm x) (12.47cm x) (12.47cm x) (2.47cm x) (12.47cm x) (12.47cm x) (37.37cm)         12.47cm x) (12.47cm x) (37.37cm)         7.37cm)           Net Weight (lbs)         2.6 (1.18kg)         4.3 (1.95kg)         7.5 (3.4 kg)         14.7 (6.67kg)           Operating Temperature Range         -20°C - 60°C (-4°F - 140°F)	Nominal Impedance	16Ω	8Ω	4Ω	4Ω, 2 Channel	
Required Input Signal Processing	0 , 0	99°	45°	21°	10°	
Horizontal Coverage           -9dB (Avg. 1kHz-4kHz)         187°           Maximum Input Voltage: 16Ω, 8Ω, and 4Ω Models         18V RMS, 36V Peak           Color         Black, Red, White, Silk Grey           Enclosure Material         Aluminum           Grille Material         Steel           Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Outdoor Applications           Product Dimensions, HxWxD (in)         (16.76cm x (31.24cm x (60.20cm x (118.11cm x 12.47cm x 12.47cm x 12.47cm x 7.37cm) 7.37cm)         12.47cm x 7.37cm) 7.37cm)         12.47cm x 7.37cm)           Net Weight (lbs)         2.6 (1.18kg)         4.3 (1.95kg)         7.5 (3.4 kg)         14.7 (6.67kg)           Operating Temperature Range         -20°C - 60°C (-4°F - 140°F)	Frequency Response (+/- 6dB)	250Hz-15kHz				
-9dB (Avg. 1kHz-4kHz)         Maximum Input Voltage: 16Ω, 8Ω, and 4Ω Models       18V RMS, 36V Peak         Color       Black, Red, White, Silk Grey         Enclosure Material       Aluminum         Grille Material       Steel         Input Connection       SJOOW Cable, 6ft. Provided         Ingress Protection       Indoor and Outdoor Applications         Product Dimensions, HxWxD (in)       (16.76cm x (31.24cm x (60.20cm x (118.11cm x 12.47cm x 7.37cm) 7.37cm)         HxWxD (in)       12.47cm x 7.37cm) 7.37cm)         Net Weight (lbs)       2.6 (1.18kg) 4.3 (1.95kg) 7.5 (3.4 kg) 14.7 (6.67kg)         Operating Temperature Range       -20°C - 60°C (-4°F - 140°F)	Required Input Signal Processing	High Pass at 200Hz - Direct Drive Models Only				
8Ω, and 4Ω Models           Color         Black, Red, White, Silk Grey           Enclosure Material         Aluminum           Grille Material         Steel           Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Outdoor Applications           Product Dimensions, HxWxD (in)         (16.76cm x) (31.24cm x) (60.20cm x) (118.11cm x) (12.47cm x) (12.47cm x) (31.24cm x	O O		18	37°		
Enclosure Material         Aluminum           Grille Material         Steel           Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Outdoor Applications           Product Dimensions, HxWxD (in)         6.6 x 4.9 x 2.9 (16.76cm x) (31.24cm x) (60.20cm x) (118.11cm x) (60.20cm x) (118.11cm x) (12.47cm x) (12			18V RMS,	36V Peak		
Grille Material         Steel           Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Outdoor Applications           Product Dimensions, HxWxD (in)         6.6 x 4.9 x 2.9 (16.76cm x) (31.24cm x) (60.20cm x) (118.11cm x) (60.20cm x) (118.11cm x) (12.47cm x) (7.37cm) (7.37cm)         12.47cm x (7.37cm) (7.37cm) (7.37cm) (7.37cm)         14.7 (6.67kg)           Operating Temperature Range         -20°C - 60°C (-4°F - 140°F)         -20°C - 60°C (-4°F - 140°F)	Color		Black, Red, W	/hite, Silk Grey		
Input Connection         SJOOW Cable, 6ft. Provided           Ingress Protection         Indoor and Outdoor Applications           Product Dimensions, HxWxD (in)         (16.76cm x) (12.47cm x) (12.47cm x) (7.37cm)         (23.7 x 4.9 x 2.9) (23.7 x 4.9 x 2.9) (118.11cm x) (60.20cm x) (118.11cm x) (118.11cm x) (12.47cm x) (12.47cm x) (7.37cm)         12.47cm x) (12.47cm x) (7.37cm) (7.37cm)         12.47cm x) (7.37cm) (7.37cm) (7.37cm)         12.47cm x) (7.37cm) (7.37cm) (7.37cm)         12.47cm x) (7.37cm) (7.37cm) (7.37cm)         12.47cm x) (7.37cm) (7.37cm) (7.37cm) (7.37cm)         <	Enclosure Material		Alum	ninum		
Indoor and Outdoor Applications   1.2.3 x 4.9 x 2.9   23.7 x 2.9 x 2	Grille Material		Sto	eel		
Comparison   Com	Input Connection	SJOOW Cable, 6ft. Provided				
Product Dimensions,         (16.76cm x 12.47cm x 7.37cm)         (31.24cm x 12.47cm x 7.37cm)         (60.20cm x 12.47cm x 12.47cm x 7.37cm)         (118.11cm x 12.47cm x 12.47cm x 7.37cm)           Net Weight (lbs)         2.6 (1.18kg)         4.3 (1.95kg)         7.5 (3.4 kg)         14.7 (6.67kg)           Operating Temperature Range         -20°C - 60°C (-4°F - 140°F)         -140°F         -140°F	Ingress Protection		Indoor and Outo	loor Applications		
Operating Temperature Range -20°C - 60°C (-4°F -140°F)		(16.76cm x 12.47cm x	(31.24cm x 12.47cm x	(60.20cm x 12.47cm x	(118.11cm x 12.47cm x	
	Net Weight (lbs)	2.6 (1.18kg)	4.3 (1.95kg)	7.5 (3.4 kg)	14.7 (6.67kg)	
Agency Listings UL1480, ULC-S541 and CSFM	Operating Temperature Range	-20°C - 60°C (-4°F - 140°F)				
			UL1480, ULC-S	S541 and CSFM		

<sup>\*</sup>UL Standard SPL Measurement

# Ordering Information

Part Number	Description
UL Listed Distributed A	audio Speakers
90243A-801-01-L	HyperSpike UL LineWave line array loudspeaker 2 Black
90243A-802-01-L	HyperSpike UL LineWave line array loudspeaker 4 Black
90243A-803-01-L	HyperSpike UL LineWave line array loudspeaker 8 Black
90243A-804-01-L	HyperSpike UL LineWave line array loudspeaker 16 Black
90243A-801-05-L	HyperSpike UL LineWave line array loudspeaker 2 Red
90243A-802-05-L	HyperSpike UL LineWave line array loudspeaker 4 Red
90243A-803-05-L	HyperSpike UL LineWave line array loudspeaker 8 Red
90243A-804-05-L	HyperSpike UL LineWave line array loudspeaker 16 Red
90243A-801-06-L	HyperSpike UL LineWave line array loudspeaker 2 White
90243A-802-06-L	HyperSpike UL LineWave line array loudspeaker 4 White
90243A-803-06-L	HyperSpike UL LineWave line array loudspeaker 8 White
90243A-804-06-L	HyperSpike UL LineWave line array loudspeaker 16 White
90243A-801-07-L	HyperSpike UL LineWave line array loudspeaker 2 Gray
90243A-802-07-L	HyperSpike UL LineWave line array loudspeaker 4 Gray
90243A-803-07-L	HyperSpike UL LineWave line array loudspeaker 8 Gray
90243A-804-07-L	HyperSpike UL LineWave line array loudspeaker 16 Gray
72575B-801-L	UL LineWave 25V/70V/100V Transformer 2/4 speaker
72542B-801-L	UL LineWave 25V/70V/100V Transformer 8 speaker
72542B-802-L	UL LineWave 25V/70V/100V Transformer 16 speaker
Mounting Hardware	
72581B-801	LineWave line array speaker pole mount kit
90243A-401	LineWave Speaker Demo Kit.  The kit comes with TWO (2) 8X LineWave speakers that fold up to make a 16X unit, ONE (1) 4X and ONE (1) 2X unit. It also comes with the necessary cables to connect the speaker to the amplifier, charging cable for the amplifier and adapter kit to mount the speaker onto a tripod (tripod NOT included). The amplifier is a battery powered unit that is very mobile and compact.