



# Linear Array Speaker

## LA-1180DT+LA-2100DT



### Description:

Using imported birch materials, the housing is small in size, light in weight, and it also adopts wear-resistant paint treatment. It consists of two quality 10-inch(250mm) woofer drivers and one 75mm tweeter driver, providing sounds with the features of long distance, high sensitivity and strong penetration. The frequency divider in precise design can optimize the power response and the vocal MF performance. The combination of hoisting installation and linear array design, allows 0-14 degrees of adjustable coverage area of the speaker, and has the advantages of compact combination, lightweight, and convenient engineering assembly.

### Feature:

- \* Plug and play, user-friendly operations.
- \* Professional hanger combination, simple hanging method, convenient engineering assembly.
- \* Two channels of redundant analog audio inputs.
- \* Built-in four channels of audio signal processors.
- \* Built-in DANTE audio processor, can work with the professional DSP processor.
- \* The frequency divider in precise design can optimize the vocal MF performance.
- \* Built-in dual network port DANTE function supports hand in hand connection.
- \* Long-distance high-quality signal transmission.
- \* The entire series is equipped with efficient high-power amplifier modules. Working with the powerful audio processors, it can realize comprehensive parameter settings, including parameter equalization, crossover, delay, and limit settings for different applications of the DANTE audio processor supporting system.
- \* Applicable to large multi-function halls, theaters, stadiums, outdoor performances, etc.

### Specification:

Model	LA-2100DT
Rated power	600W(AES)
Peak power	2400W
Frequency range	65Hz-20KHz
Maximum SPL	130dB
Size	(310+210)×425×583mm(H×D×W)
AC main power	
Power supply	Universal switching power supply with power factor correction (PFC)
Rated power demand	AC 100 V-240 V, 50/60 Hz
Working voltage	AC 90-264V
Dante interface	2
XLR interface	2
Power input interface	2
Audio	
Gain	Options: 32 dB, 38 dB (x40, x80 voltage gain)
SNR	115 dB (A-weighted) Crosstalk
Crosstalk isolation	-70dB@ 1kHz (4Ω)
Input sensitivity@8Ω	1.6 V / +6 dBu
Maximum input level	2.7 V / +10.8 dBu @ 32 dB gain
Input impedance	10 kΩ balanced
THD+N	<0.09% from 0.1 W to full power (typically <0.05%)
DIM100	<0.05% from 0.1 W to full power (typically <0.002%)
Heat (temperature)	
Working temperature	0°-40°C/32°-104°F
Heat dissipation	Fan, variable speed, temperature control @ 230 V
1/8 of max power @ 4 Ω	508 BTU/h      128 kcal/h
1/4 of max power @ 4 Ω	956 BTU/h      241 kcal/h @ 115 V
1/8 of max power @ 4 Ω	621 BTU/h      156 kcal/h
1/4 of max power @ 4 Ω	1154 BTU/h      290 kcal/h

### Specification:

Model	LA-1180DT
Type	Woofer
Woofer	18"x1
Rated power	800W(AES)
Peak power	3200W
Frequency range	40Hz-1KHz
Maximum SPL	129dB
Size	500×668×583mm(H×D×W)
AC main power	
Power supply	Universal switching power supply with power factor correction (PFC)
Rated power demand	AC 100 V-240 V, 50/60 Hz
Working voltage	AC 90-264V
Dante interface	2
XLR interface	2
Power input interface	2
Audio	
Gain	Options: 32 dB, 38 dB (x40, x80 voltage gain)
SNR	115 dB (A-weighted) Crosstalk
Crosstalk isolation	-70dB@ 1kHz (4Ω)
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