

# Kmax Series

## Kmax-283X

- Broad and Q technology provides full-bandwidth directionality
- Array able in multiple columns for smooth, broad coverage
- Low-frequency cardioid pattern means improved gain before feedback
- Prodigious output to cover even the largest venues
- Precise pattern control minimizes reverberation
- Fully weather protected for long-lasting service in demanding environments

## Applications

- Theatre Sound
- Reinforcement
- Auditoria
- Stadiums
- Concert Halls and Theatres
- Convention Centres
- Open-air concerts and general events

## Kmax-283x

High performance 2-way line array system, which combines innovative horn loading techniques with line array technology to produce a very powerful line array with maximum dynamic impact. It is a 4-way, full-range system and may be used without sub-woofers for many applications. Where very low frequency extension is required, a Kmax-283x array will integrate seamlessly with the Real Audio Kmax-283xsub folded-horn sub-woofer in a fully horn-loaded 4-way configuration. It shall be constructed of 18mm thickness high density plywood and shall employ extensive internal bracing. It shall be finished in wear-resistant textured black paint, dadoed for strength and durability. A standard tripod/polemount adaptor is included. Perforated steel is employed for frontal protection of the loudspeaker complement.

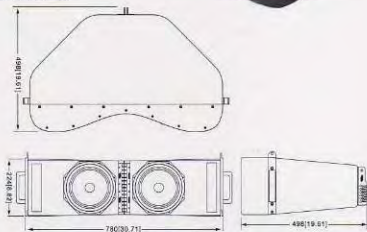
## Kmax-283Xsub

A dedicated subwoofer with single 18inch transducers; High Power, Vented Bass Horn designed to provide low frequency output from 35 to 300Hz. Has the same footprint, balance points and acoustic centers as the Kmax-283X. Real recommends using a minimum of two Kmax-283Xsub enclosures per side to achieve proper pattern control at these frequencies. Two vents located on the rear of the enclosure allow the Kmax-283Xsub to extend smoothly down to 35Hz and also provide optimum cooling for the components inside. It shall be constructed of 18mm thickness high density plywood and shall employ extensive internal bracing. It shall be finished in wear-resistant textured black paint, dadoed for strength and durability. A standard tripod/polemount adaptor is included. Perforated steel is employed for frontal protection of the loudspeaker complement.



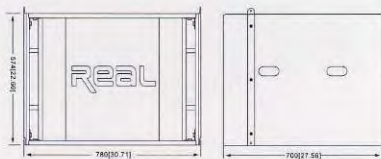
## Kmax-283X

High-Power  
high performance and high directivity  
Mini Compact Line Array



## Kmax-283Xsub

Line Array Bass  
Reflex Loaded Sub-woofer



## Kmax Series

Specifications

### Model:

System Power Rating  
Frequency Range(±3dB)  
Driver Impedance  
Sound Pressure Level(1w/1m)/max.cont.  
Crossover Frequency:LF  
HF

Driver: LF

HF

Dispersion Coverage(H x V)

Dimensions w x h d (inch)  
w x h d (millimetre)

Weight(Kg)

Connectors

### Kmax-283X

HF:2x80w AES, 2x320w Peak;LF:2x200w AES,2x800w Peak;

50Hz-20KHz

HF: 8Ohm, LF:8Ohm,  
HF:112dB/139dB, LF:100dB/136dB,  
low frequency band (40Hz - 2KHz),  
the mid-high band (2KHz - 20KHz),

2 x 8inch(210mm)/2.5inch(64mm) voice coil, reflex-loaded direct radiator.  
2 x 2inch(44mm voice Coil) exit neodymium magnet compression driver, patented horn loaded

120° x 10°

30.71 x 8.82 x 17.61

780 x 224 x 498

27

2 x Neutrik NL4 Speaker

### Kmax-283Xsub

800w AES,3200w Peak

30-300Hz

8Ohm

102dB/136dB

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18inch(462mm)/5inch  
(125mm) voice coil

30.71x22.60x27.56

780x574x700

61

2 x Neutrik NL4 Speaker

# Kmax Series

## Kmax-260X

- perfect coupling, predictable coverage
- Medium and long-throw applications
- Ergonomic, fast, secure rigging system
- Ultra-Compact Curvilinear Array
- Trapezoidal design for curved vertical arrays
- Excellent speech intelligibility
- Highly versatile for both installation and touring

## Applications

- Arenas
- Theatre sound reinforcement
- Large Ballrooms
- Compact voice reinforcement systems
- Front and Balcony Fill
- Concert reinforcement

### Kmax-260x

The Real Audio kmax-260x is a mini line array enclosure designed to bring line array performance benefits to a variety of small and medium scale applications. It meets the need for a versatile, scalable system that can be flown or ground stacked for corporate events, theatres and indoor venues. It is also suitable as a delay system for large scale outdoor sound reinforcement. Following the constant directivity horn design philosophy of the kmax-260x and the Kmax-260Xsub, the Kmax-260x is a three-way system that combines line array principles with innovative horn loading techniques to produce a next generation, small line array with maximum dynamic impact.



## Kmax-260X

High-Power  
High performance and high directivity  
Mini Compact Line Array

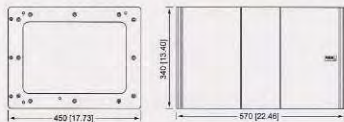
### Kmax-260Xsub

The Kmax-260Xsub is a dedicated high performance sub-bass system designed to augment the low frequency output of the Kmax-260Xsub in large scale applications where the sub-bass enclosures must be flown. The physical dimensions of the kmax-260xsub and it is equipped with the same proprietary rigging system, allowing flown arrays to be constructed rapidly and safely.

It features twin, 400watt 10inch drive units with magnet structure and suspensions engineered for maximum linear excursion. The drivers are reflex loaded by ports at either end of the enclosure and substantial internal bracing is employed to minimise energy absorption by the cabinet walls at the very high pressures generated within the enclosure itself.



## Kmax-260Xsub Ultra-Compact Line Array Subwoofer



### Kmax Series

#### Model:

System Power Rating  
Frequency Range( $\pm 3dB$ )  
Driver Impedance  
Sound Pressure Level(1w/1m)max.cont.  
Crossover Frequency:LF HF  
Driver: LF HF  
Dispersion Coverage(H x V)  
Dimensions w x h d (inch)  
w x h d (millimetre)  
Weight(Kg)  
Connectors

#### Kmax-260X

HF:80w,320w Peak;LF:2x100w AES, 800w Peak  
90Hz-20KHz  
HF:8Ohm, LF:8Ohm  
HF:109dB/139dB, LF:98dB/130dB  
low frequency band (90 Hz - 2 Hz),  
and the very-high frequency band (2KHz - 20KHz),  
2x6.5inch(44mm voice coil),reflex-loaded direct radiator,  
2inch(44mm voice Coil) exit neodymium magnet compression driver, patented horn loaded  
120' x 10'  
31.10x7.4x10.17  
570x188x258  
19  
2 x Neutrik NL4 Speakon

#### Kmax-260Xsub

2 x 200w AES, 1600w Peak  
35-300Hz  
4 Ohm  
100dB/136dB  
2KHz  
2x10inch(260mm)/3inch  
(75mm) voice coil  
31.10x13.4x17.73  
570x340x450  
35  
2 x Neutrik NL4 Speakon