

U LINE



U LINE extends the KS AUDIO program with a system that meets the requirements of highest sound quality and easiest handling. The quality of the audio performance exceeds almost all the systems available on the market.

The system consists of two 15" speakers, four 6.5" mid-range drivers and four high-frequency drivers with 1 3/4" ring diaphragm. All components are equipped with the strongest neodymium magnets. Both the midrange and high-frequency ranges operate via cylindrical waveguides. The principle was developed by KS AUDIO and already shows its outstanding qualities in the P LINE.

The combination of the individual elements into a line array and the therefore required pre-correction were already fundamentally researched by KS AUDIO during the development of the T LINE and successfully implemented for its other line arrays. The result is a software that, after the input of array length (number of elements) and curving (angle to the next element), calculates the equalization for the entire system and transfers it to the DSP's of the system controllers. In this way, the user has an immediately ready-to-use line array with optimum transmission qualities.

A special feature is the new fly-ware. It requires no external components, can be easily and securely prepared on the ground and then lifted and locked in position into the required angle. Thus a single person is able to mount and dismount the array completely.

The cabinet is made of multi-layered, waterproof glued birch multiplex and has a structured polyurethane coating. A steel grille, covered with acoustic fleece, protects the high-quality components.

The amplifier for the **U LINE** is the KS AUDIO TA 4D, whose 4 amplifier channels are switched in 1-channel tri-amp mode with woofer bridge operation. The load on a TA 4D is two U LINE modules.

The cradle allows an array with 16 elements which only weighs 1.5 tons including the dolly.

The **U LINE** is a large high-end public address system, which, because of its conception, enables arrays of almost infinite capacity. Whether in arenas or open-air, it enables concerts with outstanding sound quality. The combination with the exceptional T SUB in a cardioid array leaves nothing to be desired, even in the low frequency range.



75° horizontal coverage ✓

2° vertical coverage ✓

Two 15" neodymium Cone woofers ✓

Four 6" neodymium Cone woofers ✓

Four 1.75" ring diaphragm
compression drivers ✓

Over 10.000W power handling ✓

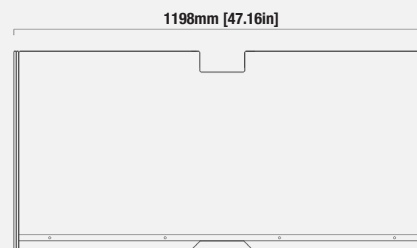
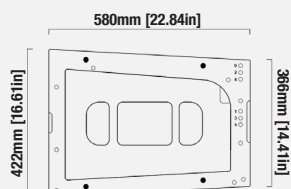
148dB max SPL ✓



SPECIFICATIONS

Frequency response	50 - 20.000Hz \pm 3dB
F MOD / D MOD low cut modes	OFF / 70 / 100 / 120Hz
Max. SPL (1m, free field) with TA 4D	148dB - single element
Nominal horizontal dispersion	75°
Nominal vertical dispersion	2°
Transducers	LF: Two 15" neodymium cone - 4" voice-coil MF: Four 6" neodymium cone HF: Four 1.75" ring diaphragm compression drivers
Power handling AES RMS/peak	LF: 3200W / 6400W MF: 1080W / 2160W HF: 320W / 1800W
Acoustic principle	LF: Bass-reflex MF: Compression waveguide HF: CPC (Constant Phase Sculpture) waveguide
Nominal impedance	LF: 8 Ω MF: 8 Ω HF: 8 Ω
Splay angle increments	0 - 2° in 0.5° increments
Connectors	Two speakON NL8 and two speakON NL4

DIMENSIONS AND WEIGHTS



82kg | 181lb