

## KEY FEATURES

- High Power passive portable Line Array element
- 4 x 2.5" neodymium transducers with waterproof cones
- 80W continuous power – 160W program power
- Line Array dispersion characteristics
- Acoustic transmission line back loading design, resulting in clean mid-bass reproduction and natural cardioid behavior
- Wide horizontal dispersion
- Fast, easy-to-use integrated suspension system
- Aluminium frame structure
- Designed for mobile and installed applications
- Black or white finish

## APPLICATIONS

- Installed system for theatres, clubs, houses of worship, conference rooms
- Portable AV system for corporate events, exhibitions, fashion events, show rooms

## TECHNICAL SPECIFICATIONS

### SYSTEM

System's Acoustic Principle	Line Array Element Short Transmission Line Back Loading
Frequency Response ( $\pm 3$ dB)	200 Hz - 16 kHz (Processed)
Nominal Impedance	32 Ohm
Horizontal Coverage Angle (-6dB)	80°
Sensitivity (4V)	91 dB SPL @ 1m*
Maximum (peak) SPL	116 dB SPL @ 1m*

### TRANSDUCERS

Type	4 x 2.5" (66mm) Neodymium magnet woofers, 0.8"(20mm)VC
Cone	Waterproof Cone
Voice Coil Type	Ventilated voice coil

### INPUT CONNECTIONS

Connector Type	Neutrik® speakON® NL4 x 2 (1+/1- signal IN & LINK ; 2+/- thru)
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### POWER HANDLING

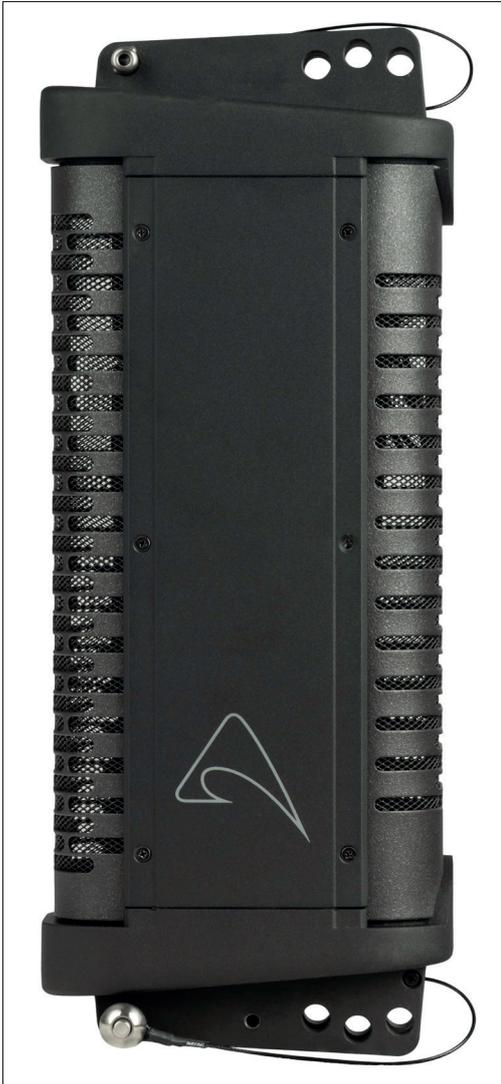
Continuous AES Pink Noise Power	80 W
Program Power	160 W

### ENCLOSURE & CONSTRUCTION

Dimensions (WxHxD)	90 mm (3.6") x 390 mm (15.4") x 154 mm (6.06")
Enclosure Material	Aluminium
Paint	High resistance, water based paint
Flying system	Aluminum Fast Link structure with dedicated pins
Net Weight	4 Kg (8.8 lbs.)

\*measured @4 m and scaled @1 m





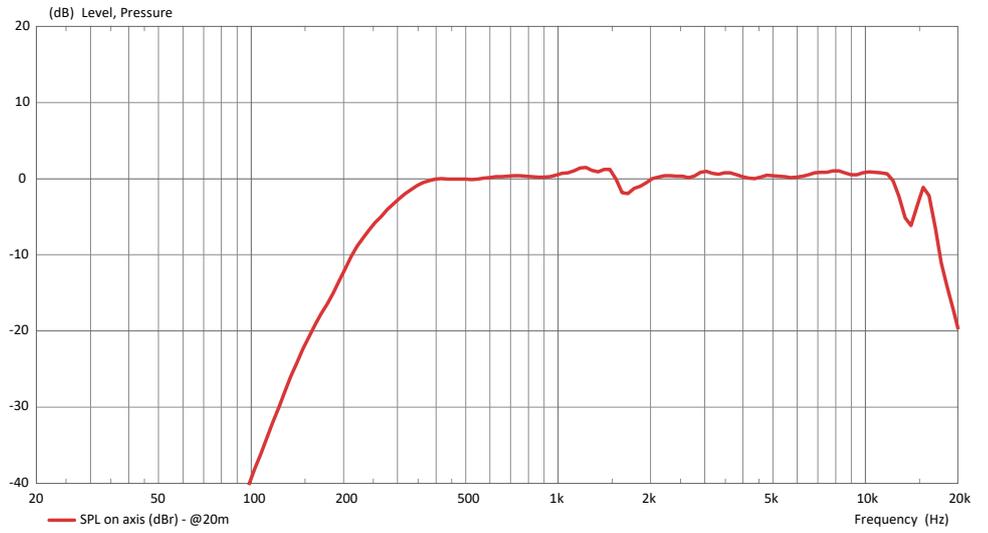
### DESCRIPTION

The AX4CL Line Array is a passive system equipped with four 2.5" neodymium transducers with waterproof cones, designed for portable and permanently installed applications where high power and clarity are needed. The aluminum frame box structure ensures lightweight and strength, while the shape features a back-loaded transmission line design with clean mid-bass reproduction and natural cardioid behavior. The wide horizontal dispersion make the system flexible and adaptable to many different applications.

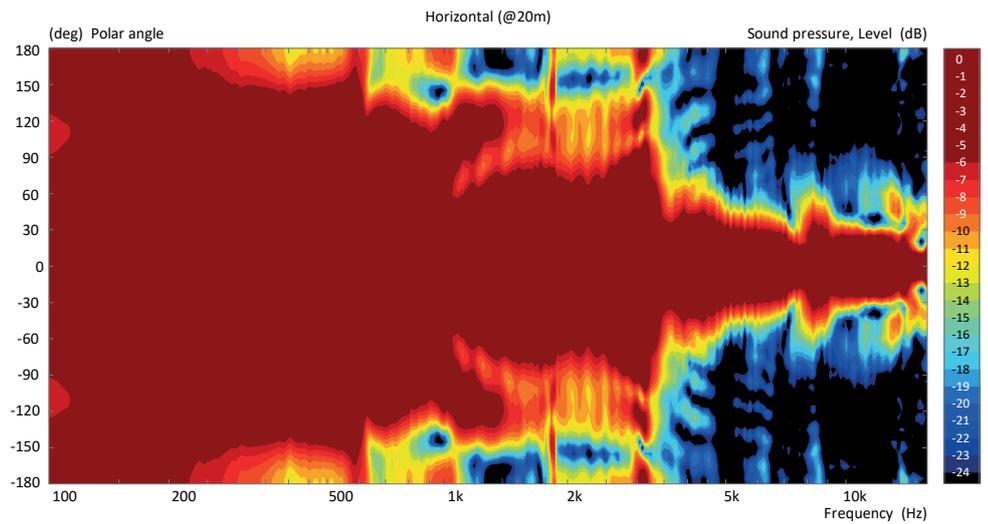
### THE SYSTEM

The AX4CL line array module has been designed to be used as a stand-alone or multiple column system in fixed or mobile installations, frontfill applications and low-profile stage monitoring solutions.

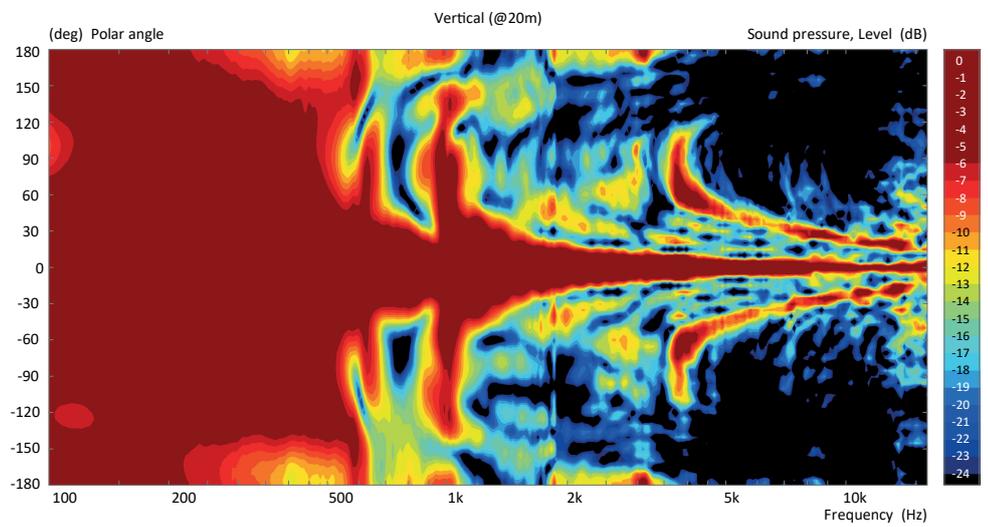
## AX4CL frequency response



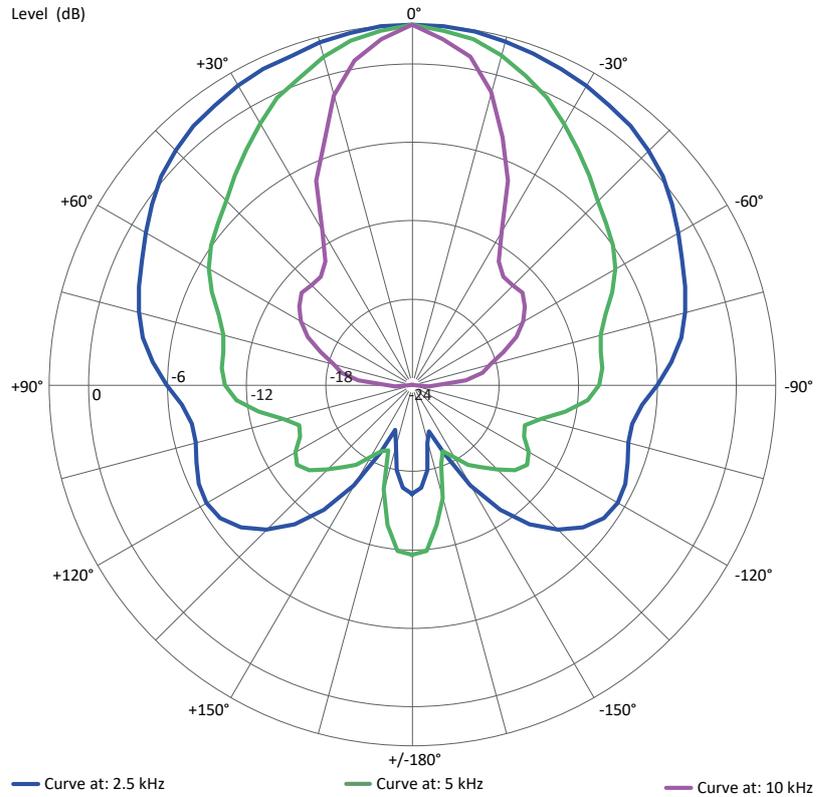
## AX4CL HORIZONTAL directivity map



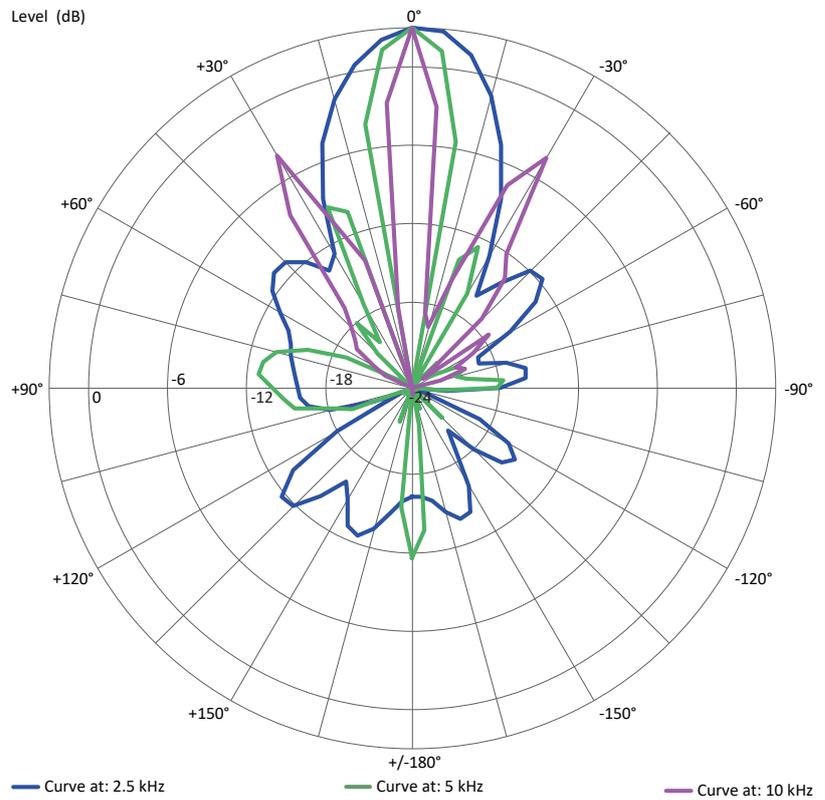
## AX4CL VERTICAL directivity map



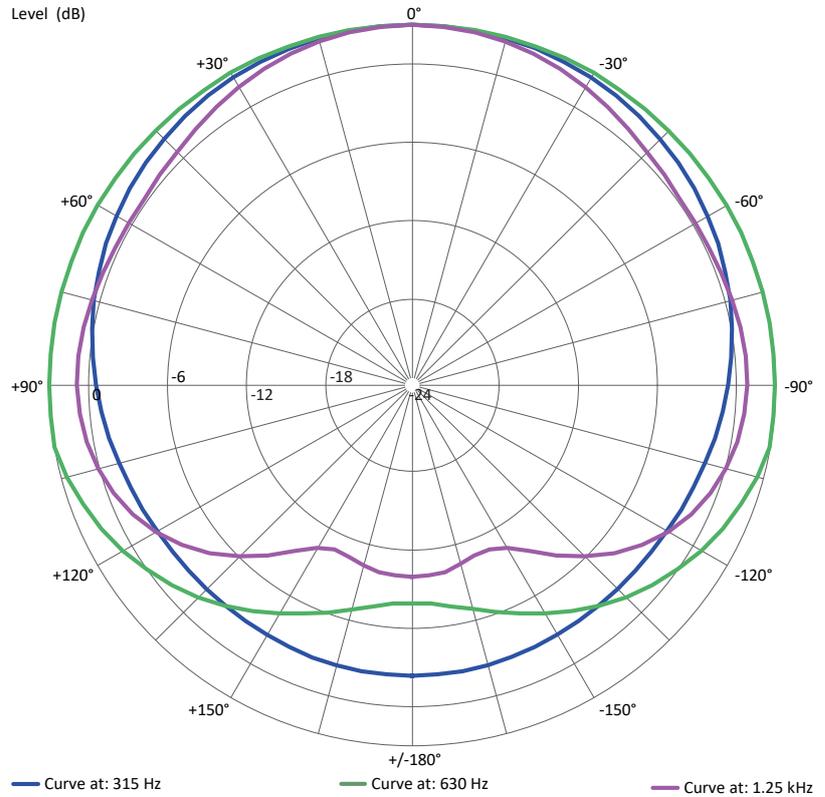
AX4CL HF HORIZONTAL polar diagram



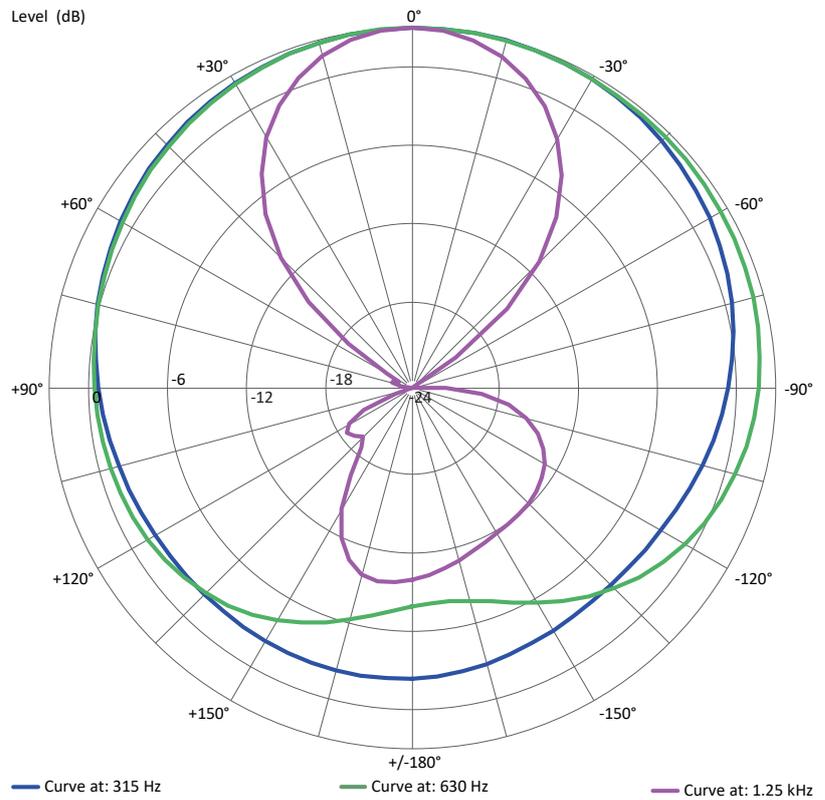
AX4CL HF VERTICAL polar diagram



AX4CL LF HORIZONTAL polar diagram



AX4CL LF VERTICAL polar diagram



**ACCESSORIES**

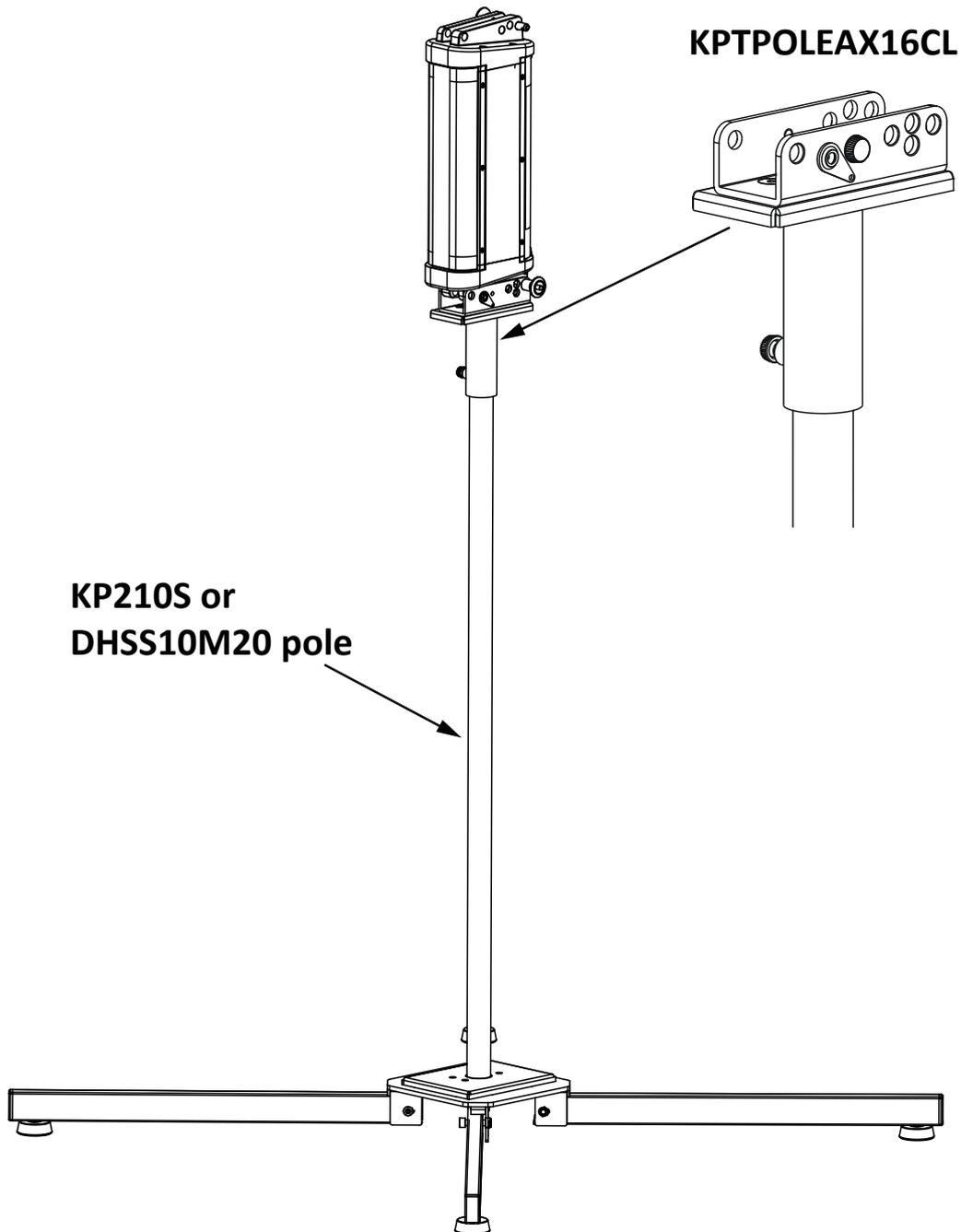
Thanks to its elegant mechanical design the AX4CL can be easily transported, while the integrated suspension system makes its deployment very fast and simple. Each unit comes with two aluminum brackets and two pins that allows multiple array elements to be easily combined either together, with inter-cabinet angles of 0°, 2° and 4°.

A complete range of accessories for installation and connections are available.

<b>KPTWAX16CLL</b>	Wall bracket for 1 or 2 units
<b>KPTFAX16CL</b>	Floor stand
<b>KPTPOLEAX16CL</b>	Pole adapter
<b>KPTFAXCL</b>	Foam adapters for stage monitor or frontfill applications
<b>DHSS10M20</b>	ø35mm 1-1.7m Pole with Handle and M20 screw
<b>KP210S</b>	ø35mm 0.7-1.2m Pole with M20 screw
<b>ESO2500LU025</b>	25cm 4x4mm SPEAKON linking cable

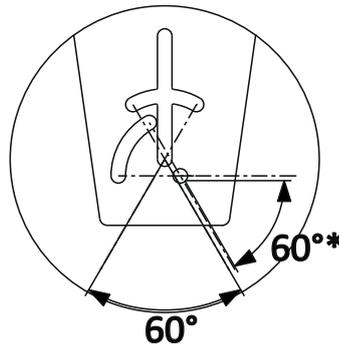
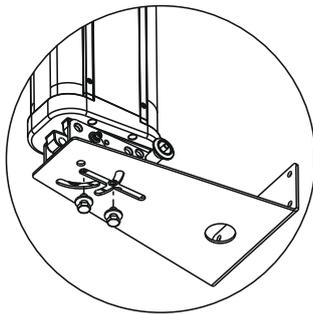
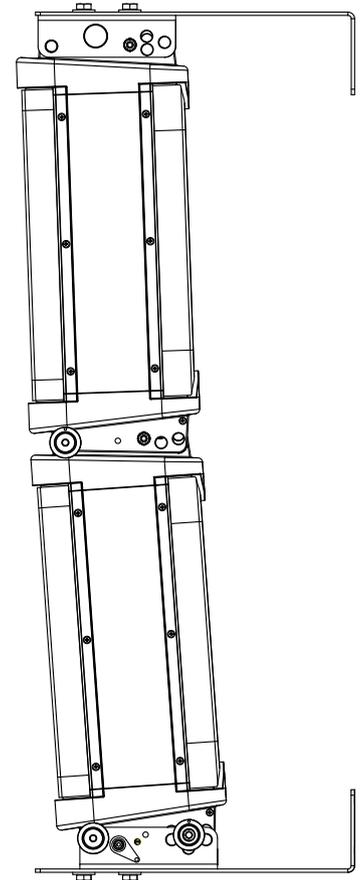
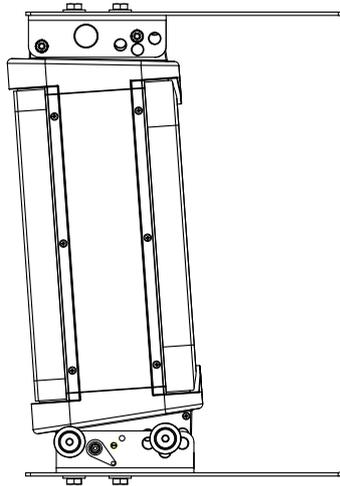
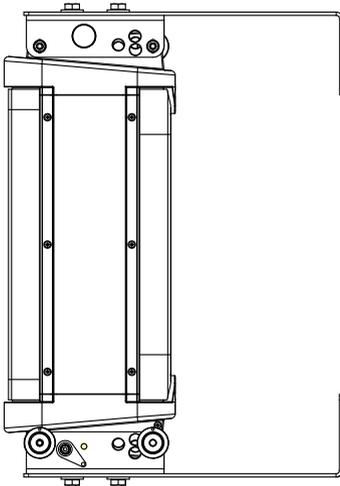
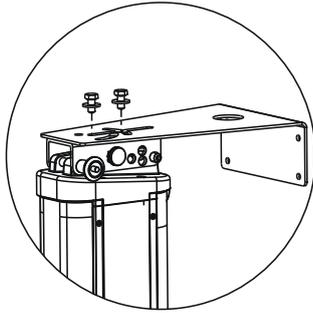
**ACCESSORIES**

One or more units of AX4CL can be installed on the **KPTFAX16CL** floor stand using DHSS10M20 or KP210S extenders and a **KPTPOLEAX16CL** pole adapter.



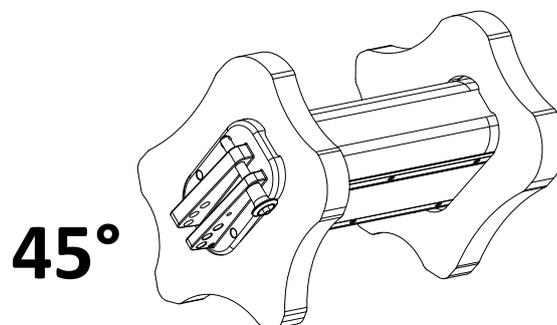
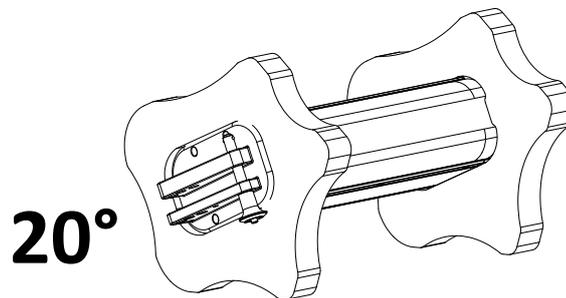
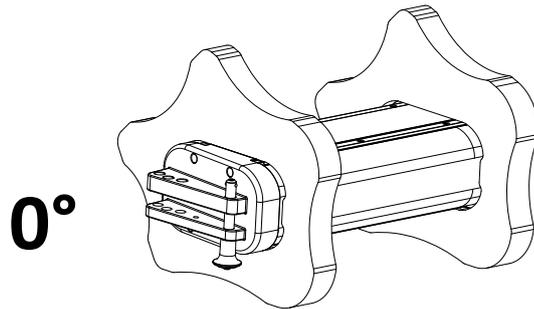
**ACCESSORIES**

One or two AX4CL can be easily wall mounted using the **KPTWAX16CLL** wall bracket. Horizontal aiming angles of up to 30° either side can be applied (with the columns in vertical position). A single column can be also tilted downward by 4° and two columns by 2° + 2°.



**ACCESSORIES**

**KPTFAXCL** includes two foam adapter and it can be used in front-fill or monitor applications on stage. It has three different angles of inclination to orient the sound where necessary.



## ENGINEERING DRAWING

