

# Ark 426A

Active column loudspeaker, D-class bi-amp, 2-way 700 W+350 W, 129dB SPL

ORDER CODE: **ARK426A**



The **Ark 426A** speaker represents the top of the range in the segment of compact vertical arrays. **Ark 426A** is a 2-way amplified long-range system for fixed and mobile installations. It consists of two 1" compression drivers (1.75" v.c.), mounted on a waveguide. The overall nominal coverage (H x V) is 110 ° x 25 ° (-17.5 ° / + 7.5 °). The MF / LF frequency range is covered by 4 6" speakers. The **Ark 426A** is an extremely flexible speaker, it can be used in full range or as an MF / HF section (up to two overlapping units) in high sound pressure systems in combination with the BX series subwoofers. The cabinet is made of 12 mm birch plywood with a black polyurea finish.

## MAIN FEATURES

- Low frequency: 4x6" Nd woofer/1.5" v.c.
- High frequency: 2x1" Nd driver / 1.7" v.c.
- Frequency response: 80-18000 Hz (±3dB)
- Cover angle HxV: 110x25° (-17.5°/+7.5°)
- Combined with the BX series subwoofers
- Configurable in two superimposed units
- Optional transport and fixing accessories

## TECHNICAL SPECIFICATION

### LOUDSPEAKER

- System type: 2-way active column module

### COMPONENTS

- Low frequency: 4x6" neodymium woofer / 1.5" v.c.
- High frequency: 2x1" neodymium driver / 1.7" v.c.

### FEATURES

- Built-in amp LF/HF: 700/350W
- SPL max: 131dB @1m (free field)

### ACOUSTICAL SPECIFICATIONS

- SPL cont/peak: 125/131dB @1m (free field)
- Frequency response: 80-18000Hz (±3dB)
- Coverage angle HxV: 110 ° x 25° (-17.5°/+7.5°)
- Cross over frequency: 1500Hz
- Suggest LPF range: 120/150Hz

### ELECTRONICS

- Amplifier: digital
- Input sensitivity: 4 dBu (1,228Vrms) adjustable
- Protection: RMS limiter, fast limiter, temp.
- User controls: mic, line, bass boost
- Processor: DSP
- Operating voltage/frequency: 220 V~240 V/50 Hz

### INPUT/OUTPUT CONNECTORS

- Input signal: XLR IN/OUT
- Power connection: powerCON IN/OUT

### CABINET CONSTRUCTION

- Cabinet material: 12mm birchplywood
- Suspension system: Under: 35 mm mounting pole - Up: M20 screw
- Handles: 1 rear

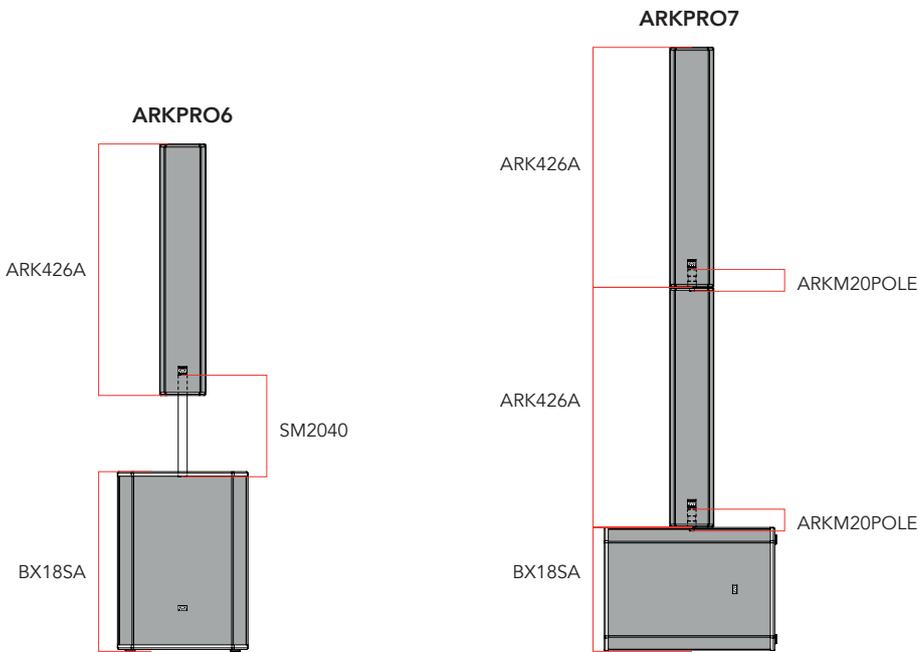
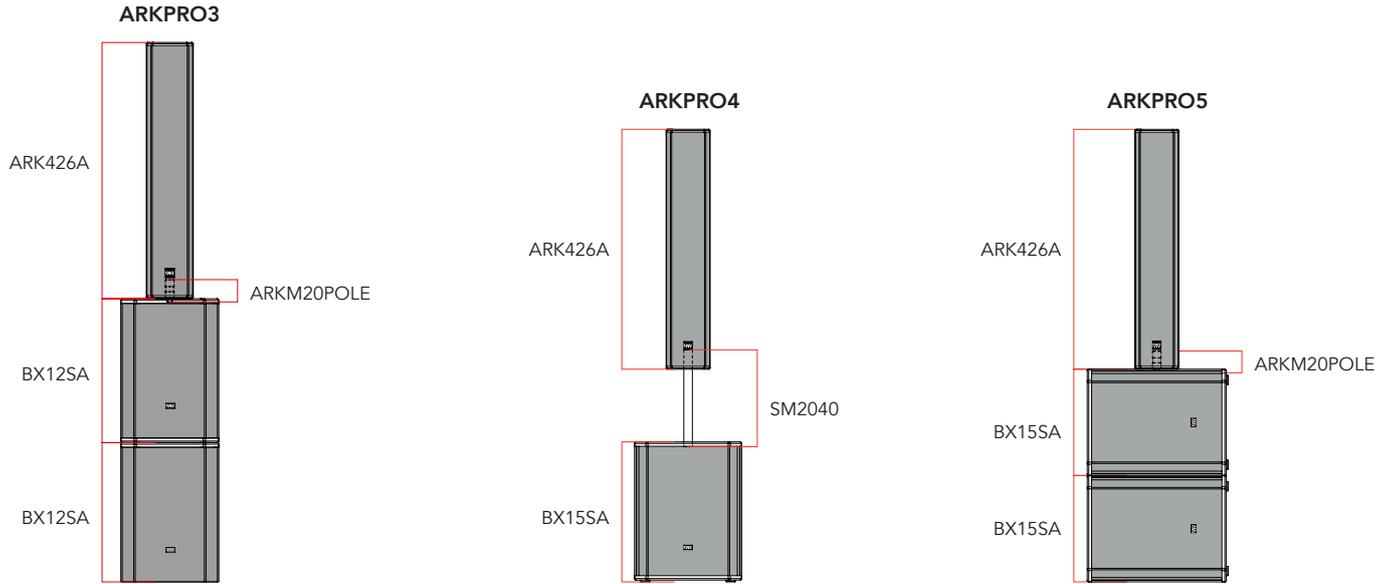
### PHYSICAL

- Dimensions (WxHxD): 180x993x260mm
- Weight: 19kg

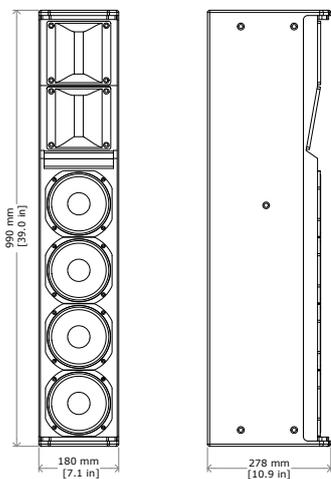
## ACCESSORIES & RELATED PRODUCTS

- |              |  |              |   |
|--------------|--|--------------|---|
| • ARKUB1     | Optional bracket for ARK426A, ARK216A, ARK416MP                          | • BAGARK426A | Reinforced nylon bag for the protection/transport of one piece of ARK426A   |
| • ARKM20POLE | Aluminum cylinder with M20 screw for ARK426A, ARK416MP, ARK216A          | • RSR0630B   | Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black |
| • SM2040     | Fixed speaker pole, H.40 cm - 35mm, with M20 screw, 60kg max             |              |   |
| • SM20       | Adjustable speaker pole, H.88.5-133.5cm - 35mm, with M20 screw, 60kg max |              |   |

CONFIGURATIONS AVAILABLE



TECHICAL DRAWINGS



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