

Professional Series

Key Features:

- ▶ Integral rigging hardware for simple connection of AT932LA line-arrays and optional array frame.
- ▶ 18 inch 2242 Differential Drive woofer for extended low-frequency output
- ▶ Large port area for reduced distortion
- ▶ 20 mm threaded pole socket for solid, secure satellite speaker mounting

Applications:

- ▶ Live performance systems
- ▶ Mobile and xed DJ systems
- ▶ Sound system rental and tour

The AT918S is a compact, high power suspendable subwoofer system containing a 2242 neodymium magnet, patented Differential Drive, 18" woofer in a front-loaded, vented enclosure. The AT918S was designed specifically for use in arrays with the AT932LA Line Array speaker and AT-AF Array Frame. In Addition it may also be used in arrays consisting earlier of AT918s subwoofers.

The system offers complete input connection exibility for compatibility with a variety of cabling schemes. A recessed, external switch allows selection of either contacts +1/-1 or +2/-2.

Equally at home in ground stacked applications, the at918S is equipped with a top-mounted, threaded, 20 mm socket that can receive the optional SS4-BK pole. This adjustable height pole can be used to mount speakers equipped with standard 35 mm pole sockets and weighing up to 50 kg (100 lb). The threaded socket minimizes buzzing and rattling and assures that the pole will be secure and straight.

The enclosure is constructed of top quality birch plywood, coated in Audiotechs rugged DuraFlex nish and is heavily braced to maximize low-frequency performance. The attractive CNC-machined, 16-gauge steel grille is internally lined with acoustically transparent foam to provide additional driver protection and give a very professional appearance. The rear of the enclosure is tted with T-nuts which may be used to attach the optional WK-4 caster kit.



Specications:

System Type:	18" bass-reex subwoofer
Frequency Range (-10 dB):	31 Hz 220 Hz
Frequency Response (±3 dB):	34 Hz 220 Hz
Input Connection Modes:	Switchable, +1/-1 or +2/-2
Recommended Crossover Frequencies:	80 Hz, 24 dB / octave HPF 80 Hz, 24 dB / octave LPF
Power Rating (Continuous ¹ / Program / Peak):	800 W / 1600 W / 3200 W
Maximum SPL ² :	130 dB SPL peak
Sensitivity (1w @ 1m):	95 dB SPL
LF Driver:	1 x AT2242 457 mm (18 in) Differential Drive Woofer
Nominal Impedance:	8 ohms
Active Tuning:	Tunings Available
Mounting:	Top mounted M20 threaded socket for optional SS4-BK pole
Suspension / Mounting:	Optional AF line array frame kit
Enclosure:	Rectangular, 18 mm, 13-ply birch plywood
Finish:	Black DuraFlex nish
Grille:	Powder coated, black, 16-gauge perforated steel with acoustical transparent charcoal foam backing.
Input Connectors:	Neutrik Speakon NL-4 (x2)
Dimensions (H x W x D):	508 mm x 597 mm x 749 mm (20.0 in x 23.5 in x 29.5 in)
Net Weight:	37 kg (81 lb)

¹40 Hz to 120 Hz pink noise with 6 dB crest factor.

²Calculated based on power rating and sensitivity.