



POPSSUB™

POWERED OUTDOOR
PRESENTATION SYSTEM

ONE SYSTEMS®

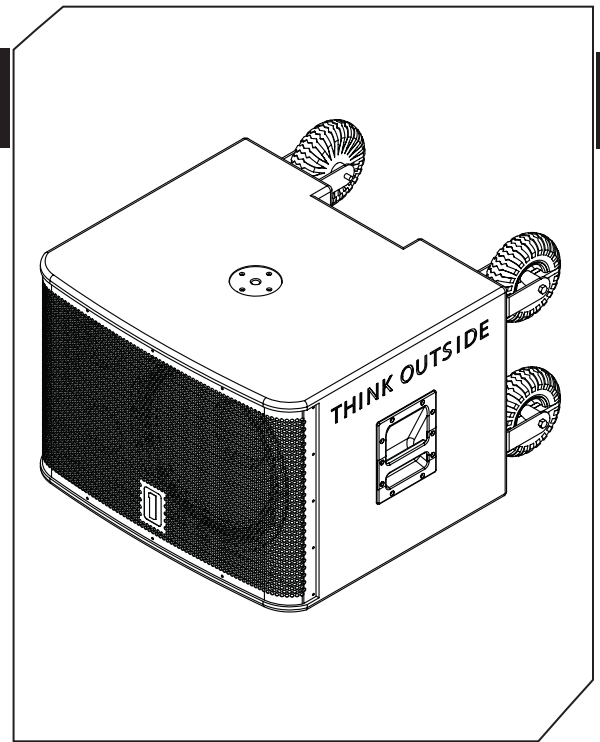
One Systems' Portable Outdoor Powered System (POPS) was designed to fulfill a unique need in the professional audio marketplace for a high-output powered sound system that can be used outdoors in any weather condition. POPSSub was designed to augment the bass performance of the POPS15. POPSSub is an 18-inch subwoofer system that includes an onboard high-powered, digital amplifier that is precisely-matched to its driver. POPSSub's transducer, electronics and enclosure were developed for use in direct sun, rain, snow and other inclement weather applications. Its highly-mobile design makes ideal for portable applications indoors and outdoors.

POPSSub's low-frequency transducer is an 18 inch (457 mm) low-frequency radiator coupled with a very large 4-inch (101 mm) diameter voice coil. This extremely large voice coil diameter provides superb reliability and high power handling while minimizing power compression effects. The woofer's ferrite magnet was optimized using Finite Element Modeling techniques to insure maximum efficiency and bandwidth.

POPSSub's enclosure is constructed of 18 mm (.75 inch) marine-grade birch plywood that is coated inside and out with a rugged polyurea finish and then covered with a gray-colored paint designed for use in harsh weather conditions and in high direct sunlight. The light color and reflective paint finish minimizes solar-induced heat build-up to prevent the amplifier from output limiting or shutdown when used in high ambient temperatures or direct sunlight. POPSSub's enclosure has been designed to IEC 529 / IP 56 ingress protection standards and its transducer is designed to meet all weather/water proof requirements. All its electronic switches and input/output connections meet IP 67 standards or better.

POPSSub's electrically-efficient digital power amplifier, built by Powersoft® in Florence, Italy, provides 2,000 peak watts of output power and has the headroom necessary for use in modern presentation and music systems. The amplifier is precisely-matched to the woofer. When POPSSub is used with the POPS15, the input signal is routed to the full-range system where it is digitally-filtered for routing to the subwoofer to deliver optimum performance.

POPSSub is equipped with an integrated threaded loudspeaker stand adaptor and it ships with a threaded loudspeaker mounting pole that features an easy-to-use, crank-up elevation mechanism that allows POPS15 to be easily raised. It is also equipped with 4 x heavy-duty, 6-inch diameter



FEATURES & BENEFITS

- » All-weather capable, self-powered 18-inch subwoofer system
- » Premium-grade, concert-class large-format 18-inch transducer with 4-inch voice coil
- » Built-in Powersoft amplifier with 2,000 watts peak perfectly-matched to the woofer
- » Rugged, road-tough polyurea finish with gray-colored, IR-reflective paint
- » 4 x 6-inch heavy-duty pneumatic wheels for easy placement
- » Includes height-adjustable, crank-up style mounting pole for elevating POPS15 above the Sub
- » Includes 30.5 m / 100 ft AC mains and 3-pin XLR-type signal cables on portable cable reels with moisture-resistant connectors. The AC mains cable is equipped with an inline Ground Fault Circuit Interrupter (GFCI) for added safety.



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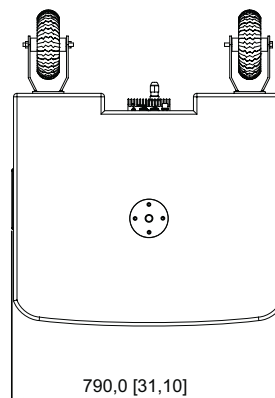
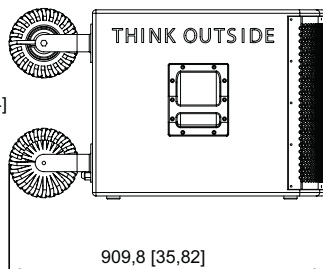
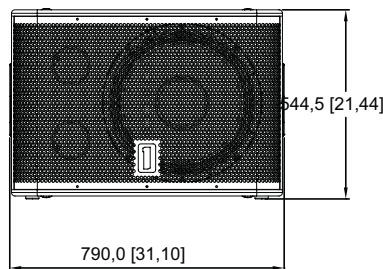
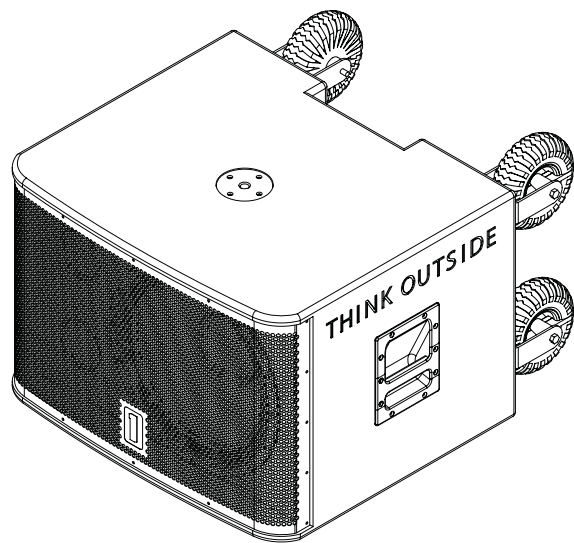
pneumatic wheels (2 of them are lockable) to make moving easy.

POPSSub also includes custom 30.5 m / 100 ft-long AC Mains cable and an IP 67-rated XLR signal cable with moisture-resistant connectors. Both cable assemblies are supplied on portable cable reels for fast system setup and easy transportation. The AC mains cable is also equipped with an in-line Ground Fault Circuit Interrupter (GFCI) for added safety.

Thanks to its concert-quality woofer, rugged birch plywood enclosure, high-performance Powersoft® amplifier and its included accessories, POPSSub is an ideal solution for a variety of applications indoors or outside that require a high-output, wide bandwidth integrated audio system that is quick to set up, easy to use and is capable of delivering excellent performance.

SPECIFICATIONS

System Type:	Powered 18-inch subwoofer
Enclosure Material:	18 mm marine-grade birch plywood
Weather Performance:	IP 45
Frequency Response (+ 3 dB):	40 - 80 Hz
Rated Coverage Pattern:	Essentially omnidirectional
LF Power Amplifier (Continuous / Peak):	1,000 watts / 2,000 watts
Rigging Points:	Built-in threaded pole mount
Dimensions (H x W x D), mm:	776 mm x 780 mm x 670 mm
Dimensions (H x W x D), inches:	30.5 in x 30.7 in x 26.4 in
Net Weight (kg / lb):	44 kg / 97 lb
Included Accessories:	4 x 6-inch diameter pneumatic wheels (2 lockable); 1 x 30.5 m / 100 ft AC mains cable with GFCI on portable cable reel; 1 x 30.5 m / 100 ft XLR-type signal cable



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