

CPS-18SP is a passive compact & extremely powerful, subwoofer unit in 6th order band pass configuration. 18" (4" voice coil). Max SPL 138 dB.



### Key features

- Extraordinary power-to-size ratio
- 18" neodymium transducer
- Ergonomic design in premium birch plywood & finished in polyurea
- Band pass configuration

### Applications

- Outdoor events
- Large stadiums / arena
- Houses of worship
- Clubs
- Theatres
- Auditoriums

## General description & specifications

The CPS-18SP is a high-output, extremely powerful sub-bass element designed to be used in unison with the coaxial CPS-214P point source module.

It uses one low distortion 18" (4" QUATTRO in/out copper voice coil) custom speaker with FEA optimized ceramic magnet circuit and Exclusive Malt Cross Technology cooling system. It implements Exclusive NCR (Neck Coupling Reinforcement) and is optimized for band pass configuration.

The extra strong, especially designed internal wooden reinforcements reduce unwanted vibrations eliminating any noise, lowering distortion and delivering a clear sound. At the same time, the bass port is designed with a flare to eliminate any turbulence caused by sharp edges in the sound waves path.

The enclosure is made from premium grade birch plywood and finished with a polyurea coating for longer durability & weather protection.

## Technical Data

<b>Components</b>	
• LF:	1 x 18" (4" QUATTRO in/out copper voice coil), waterproof cone with treatment for both sides. 1600 W (AES)
<b>Frequency range</b>	35 Hz - 100 Hz (-6dB)
<b>Coverage</b>	QUASI omnidirectional
<b>Max SPL*</b>	132 dB / 138 dB
<b>Sensitivity</b>	97 dB (1w / 1m)
<b>Configuration</b>	6th Order Band Pass Subwoofer
<b>Impedance</b>	4 Ω
<b>Finish</b>	Polyurea coating, high grade resistant paint
<b>Material</b>	15 mm Premium birch plywood
<b>Dimensions</b>	600 x 900 x 750 mm (H x W x D)
<b>Weight</b>	60 Kg (132.2 lbs)

\*Calculated maximum SPL based on rated peak power and measured sensitivity.

## Dimensional Drawing

