

The 321C is an actively driven high performance cardioid subwoofer. It houses three 21" long excursion neodymium transducers, two transducers in a bass-reflex design facing to the front and one transducer in a bass-reflex design radiating to the rear. 321C is designed to deliver high quality, high impact sound reinforcement of infra-low frequencies for a wide variety of live music and A/V support applications where maximum SPL and extended low-frequency reproduction capabilities in the foundation octave at lowest audible frequencies is required. The cardioid dispersion pattern resulting from this approach avoids unwanted energy behind the system that reduces the reverberant field at low frequencies and provides the greatest accuracy of low frequency reproduction. The 321C can only be used in ground stacked configurations in conventional left/right setups as well as arranged in an infra subwoofer array. The 321C cabinet is made of high grade Baltic birch plywood with advanced bracings inside and has impact and weather resistant finish. The front and rear of the loudspeaker cabinet is protected by a powder-coated HEX punched steel grill backed by acoustically transparent foam. Each side panel incorporates six handles. Four 100 mm wheels and two NL4 connectors are mounted at the rear.



### Specifications:

#### System

Frequency Range (-10 dB):	23 Hz – 200 Hz
Frequency Response (-3 dB):	28 Hz – 160 Hz
Recommended Bandpass:	25 Hz – 80 Hz
System Input Rating:	5100 W AES, 20400 W Peak
System Sensitivity:	97 dB, 1 W (per driver)
Maximum Peak Output <sup>1</sup> :	145 dB SPL, 1 m (2 $\pi$ , half-space, ground-based applications)

#### Transducers

Low Frequency:	3 x 21" (547 mm) diameter, 116 mm (4.5 in) Voice Coil, Neodymium magnet
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#### Nominal Impedance

Front Speakers:	4 $\Omega$
Rear Speaker:	8 $\Omega$

#### Input Power Rating

Front Speakers:	3400 W AES, 13600 W peak
Rear Speaker:	1700 W AES, 6800 W peak

#### Enclosure

Cabinet Construction:	Rectangular enclosure, 16mm Baltic Birch plywood with internal bracing, impact and weather protected finish, 12 handles, fully integrated stacking runners and runner guides for both horizontal and vertical stacking
Grilles:	Black powder-coated HEX punched steel grill backed by an acoustically transparent foam
Input Connectors:	2x Neutrik® Speakon NL-4 wired parallel. 1 $\pm$ Front transducers, 2 $\pm$ Rear transducer
Dimensions (W x H x D):	1210 mm x 810 mm x 945 mm (1077 mm with wheels)
Net Weight:	155 kg
Optional Accessories:	Removable front lid, Protective cover

<sup>1</sup> Calculated maximum SPL based on rated peak power and sensitivity