



BROOKLYN AUDIO

Prospect top

Description:

The basis for the Prospect system is the Prospect top, the cornerstone of the Prospect serie. This is a full-range 15"/2"/1" tri-amped system with an extreme clear sound. The powerfull onboard 3 channel class-D amp-module with DSP guarantees optimal performance. The Prospect top can be used as a stand-alone unit from 40 Hz to 20 kHz (-3 dB) and in combination with the Prospect kick, the Prospect sub and the X218 down to 30Hz (-3dB) 4 different presets for every combination with other Brooklyn-Audio cabinets With the special designed assymetrical horn for the mid/high section there's no lost of energy to the roof or the birds with the result of a wide dispertion and a very good throw up to 50 meters.

Transducers:

Low:	15" neodymium cone driver with water resistant cone
AES power:	1200 watt/97V
Mid:	2" coaxial hornloaded neodymium compression driver
AES power:	150 watt/48V
High	1" neodymium compression driver
AES power:	80 watt/ 35V

Acoustical:

Maximum peak SPL:	136 dB (100Hz preset)
Usable bandwidth:	40Hz-20kHz +/-3dB
Phase response:	<+/- 40° from 300Hz - 20 kHz
Horizontal directivity:	100°
Vertical directivity:	20° asymmetric 0° up, 20° down

Physical data:

WxHxD:	530x700x530mm
Weight:	36kg
Material:	15mm birch plywood
Finish:	Black PU coating*
Grille:	Steel powdercoated
Rigging:	Four point rigging and pole mount

Amplifier:

Power:	2000/600/600 Watt (Low/mid/high)
DSP:	24 bit 48kHz AD/DA conversion and 26 bit processing
Gain:	32 dB
Voltage gain:	x 80
Input impedance:	10 kOhm
Input sensitivity:	1,15V/3,43 dBu
Max input level:	15 dBu
AC mains power:	90-400V, 50/60Hz
Protection:	Thermal shutdown, short circuit/overload/HF output clip limiter, permanent signal limiter temperature controlled fan
Max enviroment temp.:	40°C
Electrical connections:	Powercon in and out, XLR in and out.