



# technical specifications BF181

## general

- Long-excursion, vented-spider 18" in deep-tuned cabinet
- 15mm Birch with clever bracing brings lightweight yet rigid cabinet construction
- Double baffle board with flush mount transducer
- SIS pre-wired for very high damping and further reduced distortion (with ALC)
- Dedicated protection in combination with SDP modules (with ALC)
- Durotect™ scratch-resistant coating
- M20 stand mount adapter



## description

The BF181 is a front-loaded subwoofer system, for both permanent and portable applications. Featuring a single 18" long-excursion high-power woofer (with vented double-spider frame), the BF181 delivers high quality, tight and accurate sub-bass response.

The Signal Integrity Sensing™ pre-wiring ensures complete cable/connector compensation between the BF181 and ALC. Typical applications for the BF181 include sub-bass extension of main sound systems, used in multiples depending on the application and low frequency requirements.

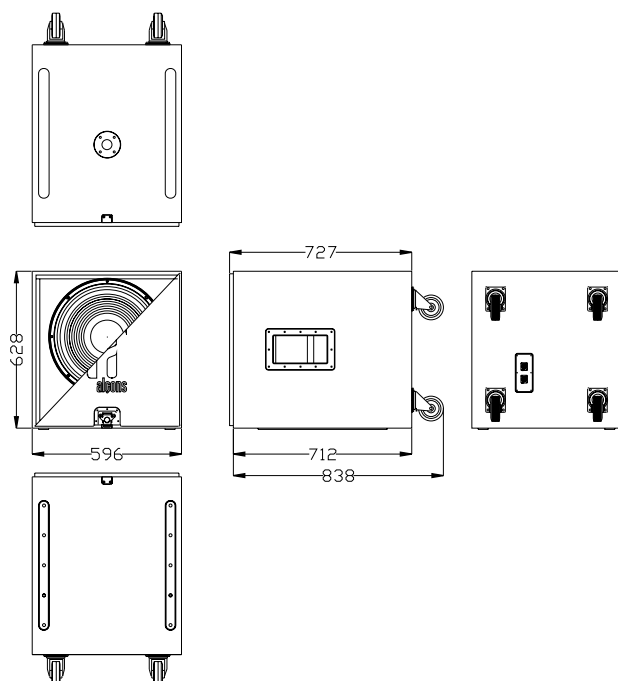
The deep-tuning makes the BF181 an ideal high-power HiFi-reproduction system for classical, acoustical and jazz music, in combination with a VR8 or VR12 (on standmount).

The 4 ohms nominal impedance makes for a good amplifier loading, when used in singles.

For full system performance, the BF181 needs to be driven by an ALC controller-amplifier. Driven by the ALC, the BF181 delivers maximum sound quality and output power with dedicated and inaudible (power and excursion!) protection (SDP circuit).

# technical specifications BF181

## dimensional drawing



## technical specifications

Frequency Response	
+/- 3 dB	33 Hz - 200 Hz
+/- 10 dB	27 Hz -
Sensitivity (SPL 1W/M)	98 dB
Nominal Impedance	4 ohms
Maximum RMS power	1000 W
Maximum peak power	7000 W
SPL program/peak	128/136 dB
Dispersion H x V	omni

## physical specifications

System	subwoofer, front loaded	
Driver LF	1 x AW18.4/4 18", vented	
Cross-over frequency HP	36 Hz. recommended	
Connectors	2 x Speakon NL4 input	
Physical dimensions	mm	inches
Height	628	24.7
Width	596	23.5
Depth	712	28.0
Weight (approx.) BF181	56,2 kg	(123.6 lb)
BF181i	48,6 kg	(106.9 lb)
Warranty	6 years limited	

A: Alcons Audio B.V.  
De Corantijn 69  
1689 AN Zwaag  
The Netherlands

E: [info@alconsaudio.com](mailto:info@alconsaudio.com)  
W: [www.alconsaudio.com](http://www.alconsaudio.com)  
T: +31 (0)229 28 30 90  
F: +31 (0)229 28 30 99

*The BF181 is available in standard version, or installation version.  
The BF181i ("install") comes without handles, castor wheels, cover  
and standmount adapter.*