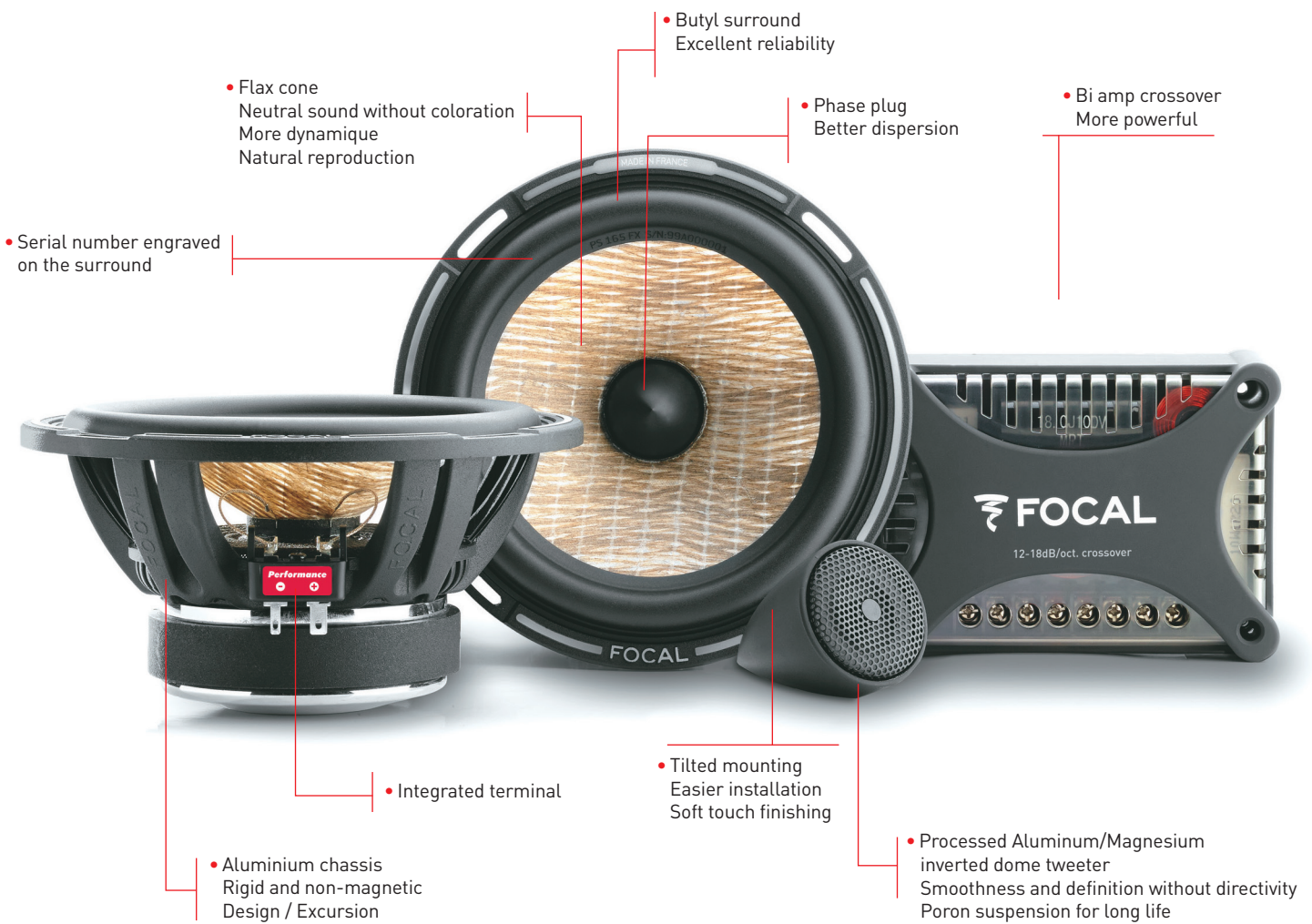


# EXPERT PS 165FX



## 2 way component kit



## WHAT MAKES THE DIFFERENCE

- High power handling
- Very low deep bass
- All the last high technologies
- BI AMP system (special crossover)
- Unic and patented FLAX cone (N°1350116)
- A new sound for a new 100% Focal signature

## TECHNICAL CHARACTERISTICS

**Diameter:** 6 1/2" (165mm)  
**Voice-coil diameter:** 1 1/4" (32mm)  
**Voice-coil height:** 0 9/16" (15mm)  
**Magnet:** 3 5/8" (90mm)

**Processed Aluminum/Magnesium inverted dome tweeter**  
**Separate crossover:** 12-18dB/Oct  
**Ajustable tweeter level:** 0 ; -3dB/Oct  
**Max. power:** 160W

**Nom. power:** 80W  
**Sensitivity (2.83V/1m):** 91.3dB  
**Frequency response:** 55Hz - 28kHz  
**Accessories:** Supplied grilles



# EXPERT PS 165FX

Woofer (6"1/2")

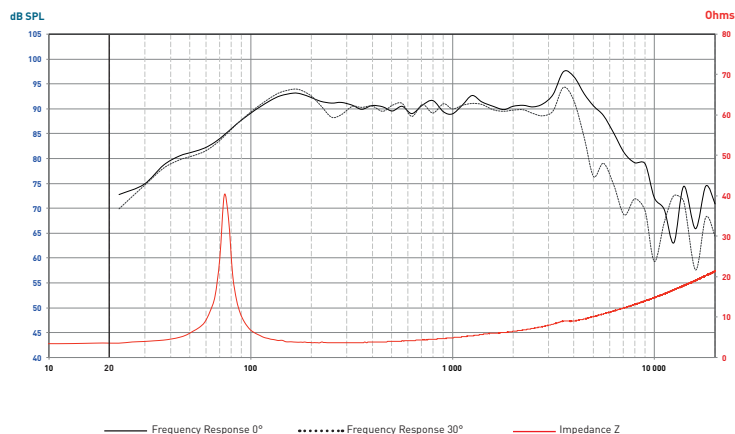


- Flax cone
- Aluminum basket
- Butyl surround

## SPECIFICATIONS

Nominal power	80W	
Maximum power	160W	
Sensitivity (2,83V/1m)	91,3dB	
Cone	Flax	
Surround	Butyl	
Nom. impedance	4 Ohms	
DC resistance	3 Ohms	
VC diameter	32mm	1 1/4"
VC height	15mm	
Former	Kapton	
Layers	2	
Wire	Alu	
Inductance		
Xmax	5mm	0 3/16"
Magnet d x h	90mm x 17mm	3 9/16" x 0 2/3"
Magnet weight	400g	0.88 lb
Flux density	-	
Gap height	5mm	0 3/16"
Net weight	1350g	2.98 lb

## FREQUENCY RESPONSE/IMPEDANCE



## PARAMETERS

Fs	74Hz
Vas	7.4 l
Qts	0.85
Qes	0.92
Qms	10.9
Re	3.2 Ohms
Sd	124.7cm <sup>2</sup>
Cas	5.3E-08.5m <sup>5</sup> /N
Mas	76,28 kg/m <sup>4</sup>
Ras	3222,63 Ohms.ac
Cms	390µm/N
Mms	11.9g
Rms	0.3kg/s
Ces	711.43mF
Les	7.27mH
Res	33.27 Ohms
BI	4.44N/A
SPL	87.6 dB/W/m

## MECHANICAL DRAWING

