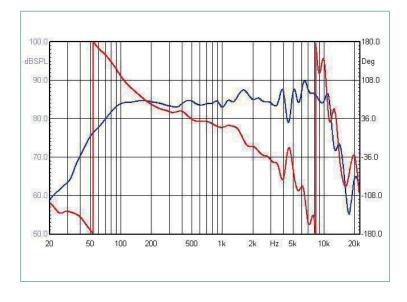
# 

#### Mid-woofer

## W148-4

#### Features

- 148 mm 4 Ω loudspeaker
- reat audio fidelity and superior price
- stamped steel frame with profile lip
- designed for front mounting or countersinking
- coated paper cone
- smooth frequency response and linear roll-off
- implify filter design



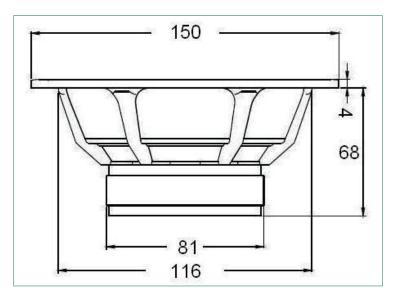
#### Frequency response (0° & 30°), Impedance curve



### Technical specifications

Frequency range	Hz
Nominal impedance	4 Ω
Music (W)	150
Nominal (W)	60
Cone	Paper
Surround material	Rubber
Basket material	Steel
Magnet material	Ferrite
Outside diameter	-
Build in hole diameter	-
Build in depth	-
SPL (1W/1M)	89

#### Mechanical drawing



#### Thiele and Small parameters

	Value	Symbol
fs	53	Hz
VAS	13	L
QMS	2,18	-
QES	0,44	-
QTS	0,36	-
Re	3,6	Ω
LE	-	VC/mH
BL	-	(NA) (F/I)

