PUBLIC ADDRESS / SPEAKERS / SOUND PROJECTORS

PF-27TD

BIDIRECTIONAL SOUND PROJECTOR

IP55

- Excellent sound quality
- Bidirectional sound
- Excellent finish and elegant design
- IP-55 protection

+ Info:
https://fonestar.com/PF-27TD

ESPECIALLY RECOMMENDED IN:

Factories

Education

Transport Stations

All sectors

DESCRIPTION

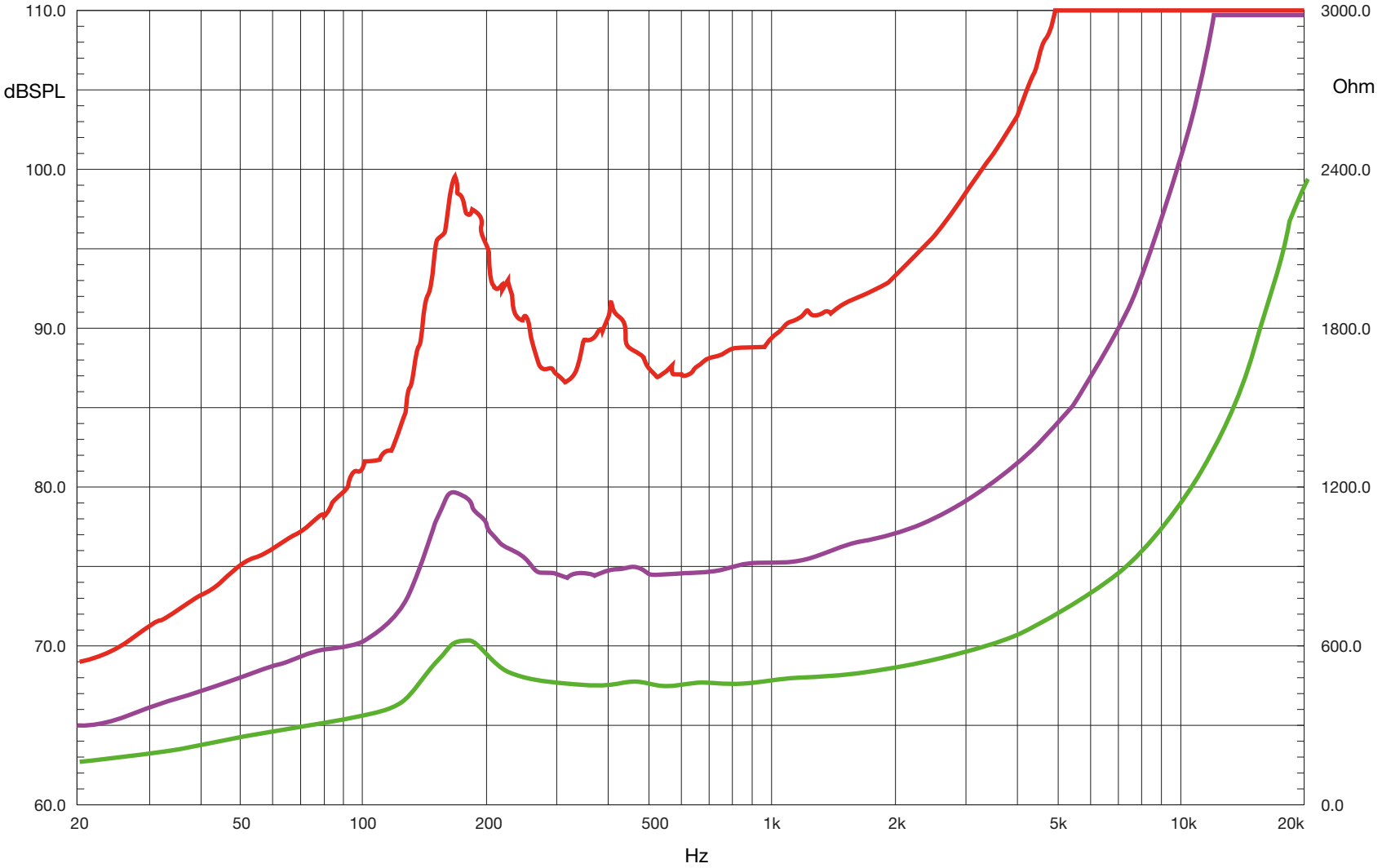
Two-way sound projector 2 x 5". 20/10/5 W RMS@100 V. IP-55 protection. Adjustable fixing mount.

TECHNICAL CHARACTERISTICS

FEATURES	Bidirectional sound projector with 100 V line transformer.
POWER	30 W maximum, 20 W RMS
LOUDSPEAKERS	2 x 5", varnished cardboard cone
RESPONSE	180-16,000 Hz
IMPEDANCE	20 W RMS@100V (500 Ohm) 10 W RMS@100V (1.000 Ohm) 5 W RMS@100V (2.000 Ohm)
SENSITIVITY	86 dB at 1 W/1 m
DISPERSION	Bidirectional 2x170°@1kHz, 2x100°@2kHz, 2x60°@4kHz (-6dB)
PROTECTION	IP55 in compliance with EN 60529
MATERIAL	ABS high resistance to sun exposure Hermetic casing. Aluminium grille Aluminium mount Stainless steel screws A2
TEMPERATURE RANGE	-25°C ~ 55°C
COLOUR	White (RAL 9016)
DIMENSIONS	138 mm Ø x 200 mm depth
WEIGHT	1.7 kg
ACCESSORIES	Adjustable fixing mount

+ Info:
https://fonestar.com/PF-27TD

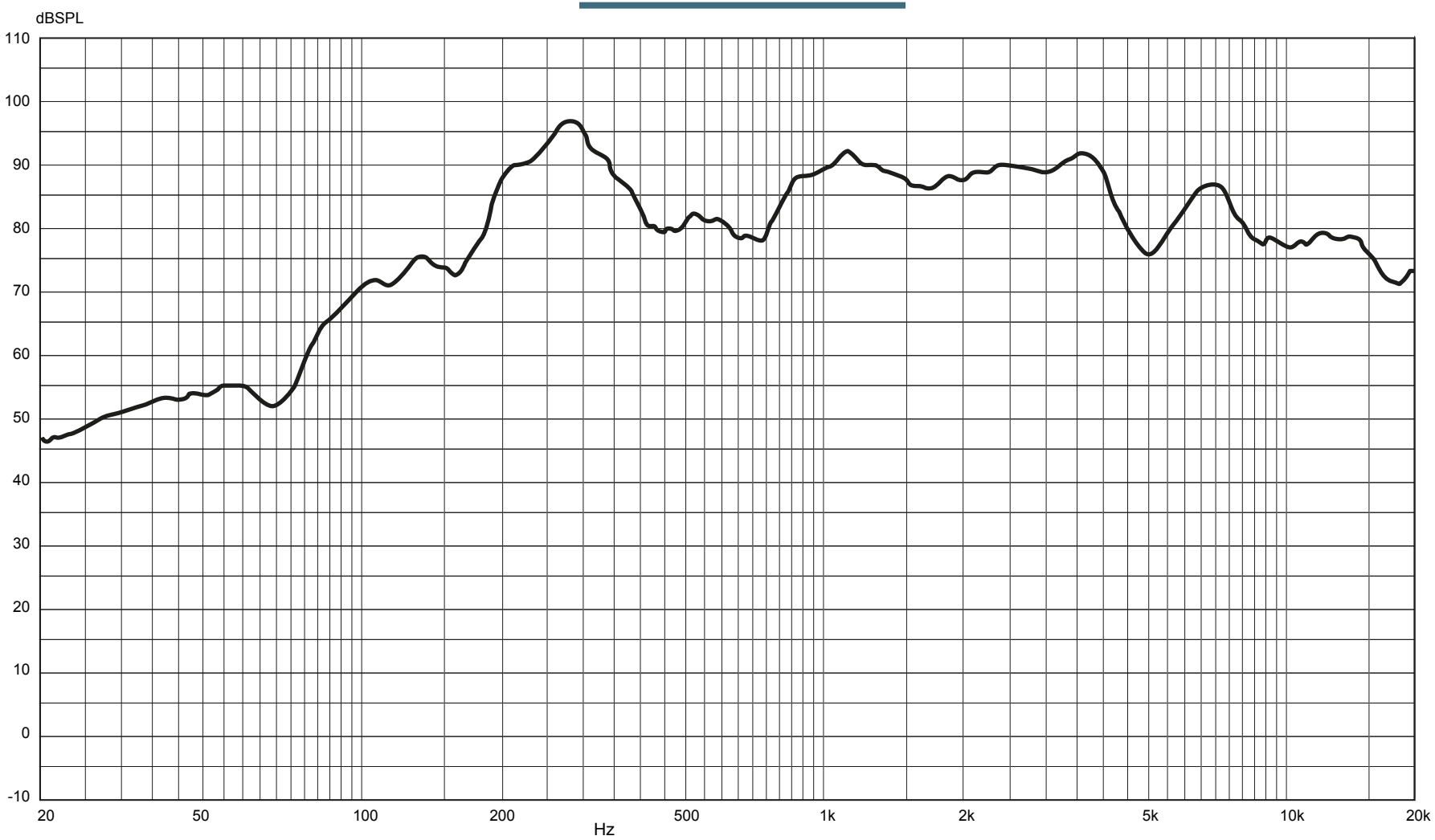
IMPEDANCE



Ecala: -:---	A4	Proyecto:	
PF-27TD IMP		Código:	
Autor:		Fecha: 2023-02-23	
Revisado: --		Fecha Revisión: --/--/----	

FONESTAR
Polígono de Trascueto s/n
39600 Revilla de Camargo
Tel: +34 942 254 555
Fax: +34 942 262 777
Web: www.fonestar.es

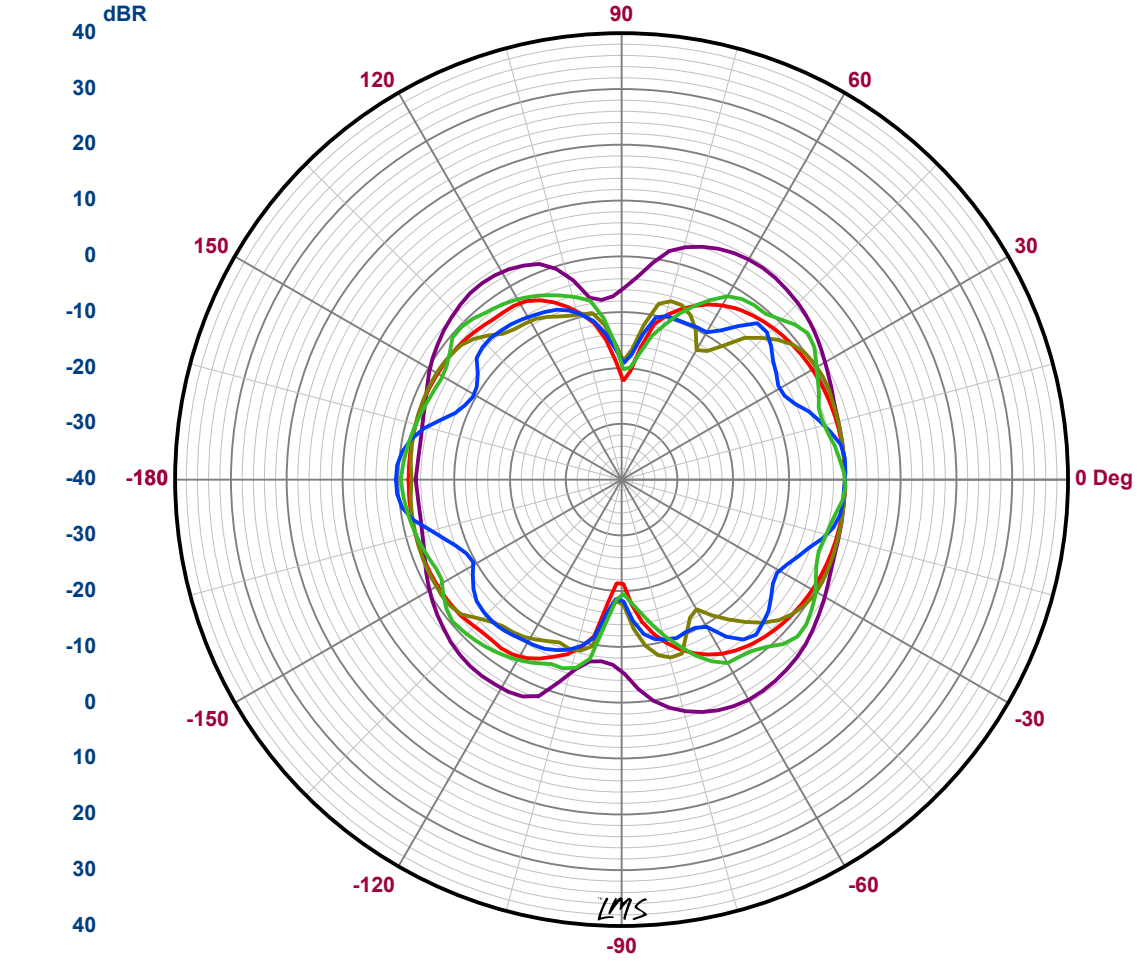
SPL vs Freq



Ecala: -:---	A4	Proyecto:	
PF-27TD Frequency-Response		Código:	
Autor:		Fecha: 2023-02-23	
Revisado: --		Fecha Revisión: --/--/----	

FONESTAR
Polígono de Trascueto s/n
39600 Revilla de Camargo
Tel: +34 942 254 555
Fax: +34 942 262 777
Web: www.fonestar.es

Ratio vs Angle



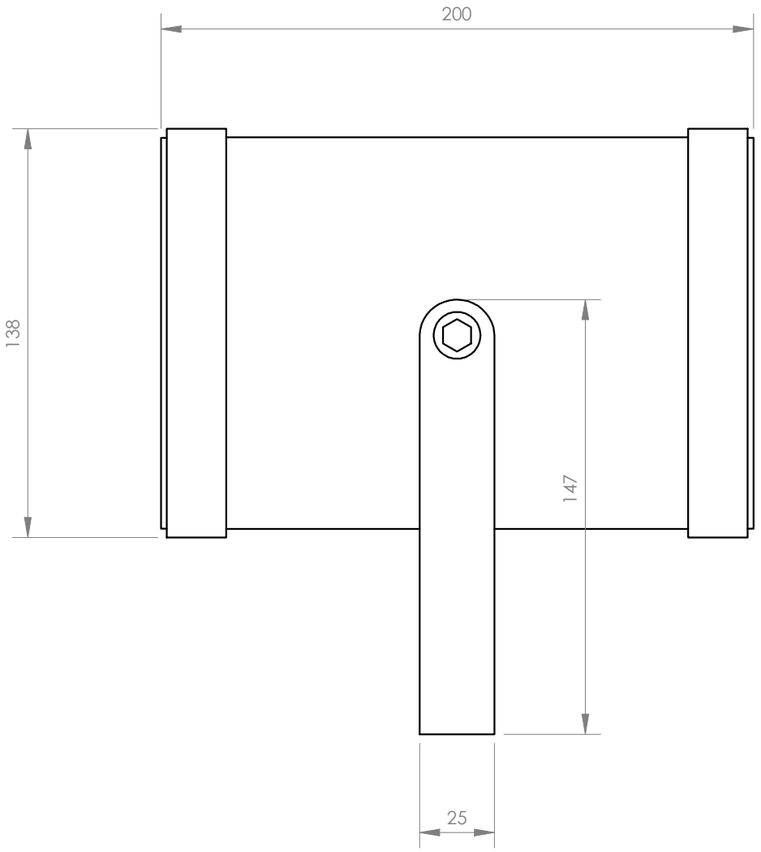
Curve	Freq	BW	Q	DI
	500.00	127	2.8	4.5
	1.00K	178	2.0	3.1
	2.00K	91	4.0	6.0
	4.00K	44	8.3	9.2
	8.00K	131	2.8	4.4

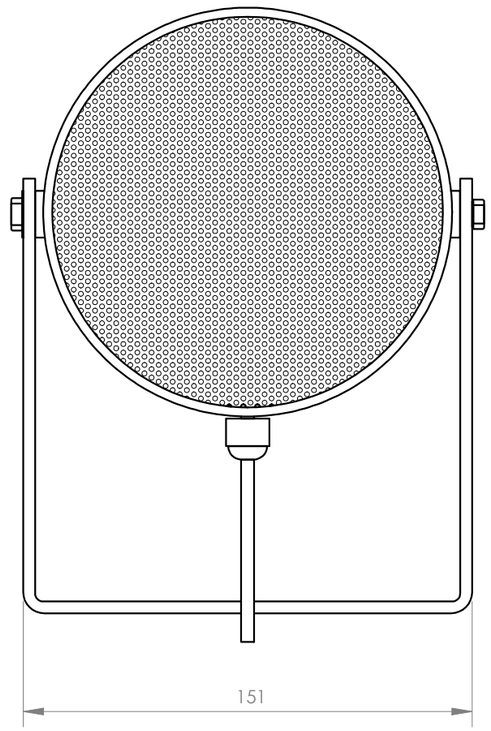
Map

39: PolarConv F= 500
41: PolarConv F= 1K
43: PolarConv F= 2K
45: PolarConv F= 4K
47: PolarConv F= 8K

Ecala: -:---	A4	Proyecto:	FONESTAR
PF-27TD Polar-Diagram		Código:	
Autor:		Fecha: 2023-04-17	
Revisado: --		Fecha Revisión: --/--/----	

Polígono de Trascueto s/n
39600 Revilla de Camargo
Tel: +34 942 254 555
Fax: +34 942 262 777
Web: www.fonestar.es





FONESTAR	Model	Description	Units	Scale
	PF-27TD	BIDIRECTIONAL SOUND PROJECTOR	mm	1:2