HD 10-A MK4

ACTIVE TWO-WAY SPEAKER

DESCRIPTION

RCF cares about your sound. The new D-Line MK4 speakers boosts the performance with a series of brand new transducers, improves the sound quality with the revolutionary FiRPHASE processing and renew the grille design to exalt the professional look. The vocals are natural, the sound is clear at long distances, the SPL power is stable at very high levels.
The concept of the HD-Line derives from the touring industry, bringing in an elegant and compact cabinet all the experience of RCF professional sound with the maximum reliability and strength for the intensive use on the road. Connect your microphone, your device or your mixer to the speaker and turn up the volume: real plug&play. Perfect as a main front of house in small PA systems, high powered floor monitoring and unobtrusive fixed installation.



FEATURES

- 800 watt 2-way peak power
- 128 dB max SPL
- Digital bi-amplification, SMPS
- DSP sound processing
- 90° x 70°, wide dispersion constant directivity horn
- 10″ woofer, high power, 2.0″ voice coil
- 1.0″ HF driver, titanium dome, neodymium 1.0″ voice coil
- FiRPHASE processing

TECHNICAL SPECIFICATIONS

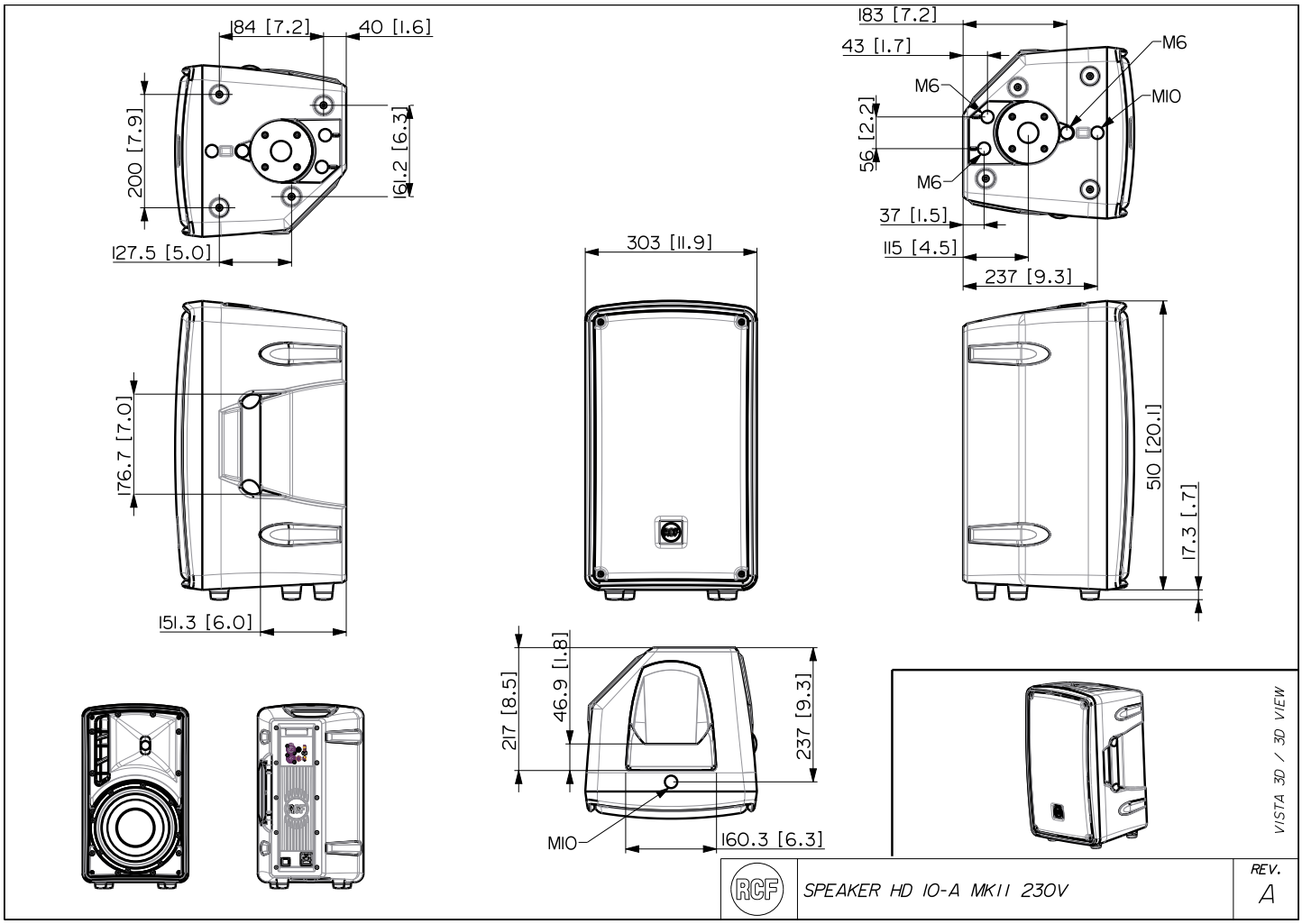
Acoustical specifications	Frequency Response:	50 Hz ÷ 20000 Hz
	Max SPL @ 1m:	128 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	60°
Transducers	Compression Driver:	1 x 1.0", 1.75" v.c
	Woofer:	10", 2.0" v.c
Input/Output section	Input signal:	bal/unbal
	Input connectors:	XLR, Jack
	Output connectors:	XLR
	Input sensitivity:	-2 dBu/+4 dBu
	Mic. Input Sensitivity:	-32 dBu
Processor section	Crossover Frequencies:	2000 Hz
	Protections:	Thermal, RMS
	Limiter:	Soft Limiter
	Controls:	Boost, Volume, Mic/Line
Power section	Total Power:	800 W Peak, 400 W RMS
	High frequencies:	200 W Peak, 100 W RMS
	Low frequencies:	600 W Peak, 300 W RMS
	Cooling:	Convection
	Connections:	VDE
Standard compliance	Safety agency:	CE compliant
Physical specifications	Cabinet/Case Material:	PP Composite
	Hardware:	1 x M10 top, 1 x M10 bottom, 3 x M6 bottom
	Handles:	1 Top, 1 Side
	Pole mount/Cap:	Yes
	Grille:	Steel
	Color:	Black
Size	Height:	527 mm / 20.75 inches
	Width:	303 mm / 11.93 inches
	Depth:	303 mm / 11.93 inches
	Weight:	11.8 kg / 26.01 lbs
Shipping information	Package Height:	640 mm / 25.2 inches
	Package Width:	400 mm / 15.75 inches
	Package Depth:	380 mm / 14.96 inches
	Package Weight:	14 kg / 30.86 lbs

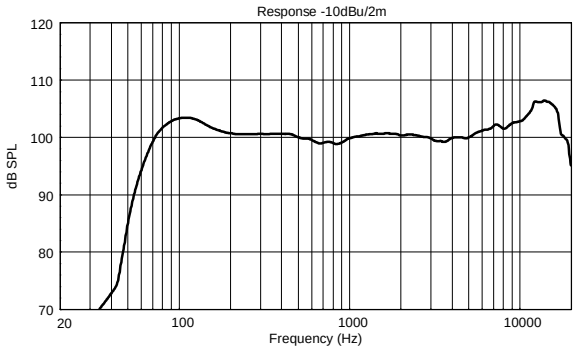
RCF products are continually improved. All specifications are therefore subject to change without notice.

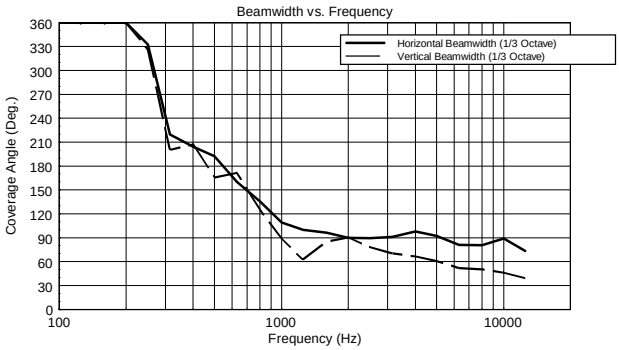
PART NUMBER

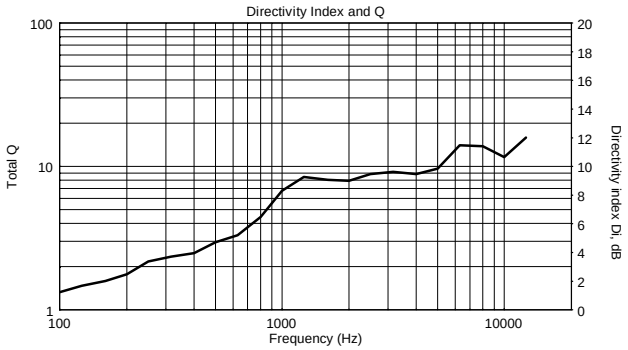
- **13040025**
  HD 10-A MK4
  115V
  EAN 8024530014094
- **13040024**
  HD 10-A MK4
  220-240V
  EAN 8024530014087

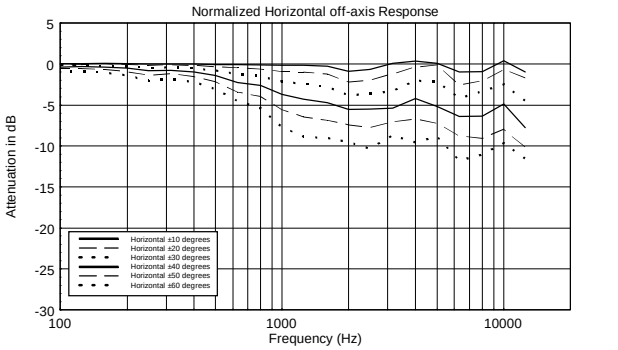
RCF products are continually improved. All specifications are therefore subject to change without notice.

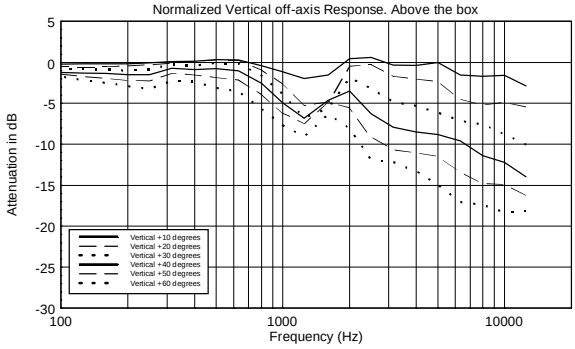

184 [7.2]
40 [1.6]
200 [7.9]
161.2 [6.3]
127.5 [5.0]
183 [7.2]
43 [1.7]
M6
M6
M10
56 [2.2]
M6
37 [1.5]
115 [4.5]
237 [9.3]
303 [11.9]
176.7 [7.0]
151.3 [6.0]
510 [20.1]
17.3 [.7]
217 [8.5]
46.9 [1.8]
237 [9.3]
M10
160.3 [6.3]
VISTA 3D / 3D VIEW
SPEAKER HD 10-A MK11 230V
REV.
A

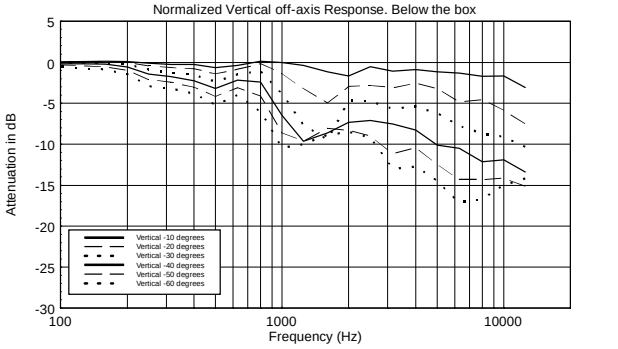

Response -10dBu/2m
dB SPL
Frequency (Hz)
120
110
100
90
80
70
20
100
1000
10000

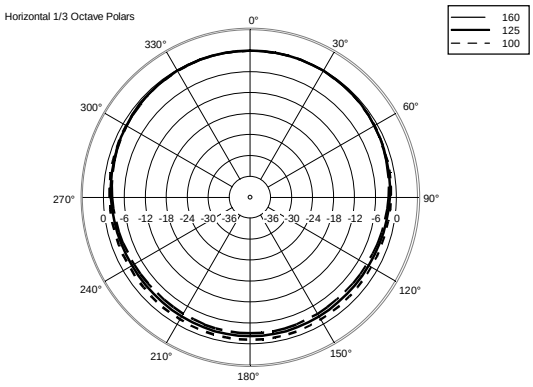

Beamwidth vs. Frequency
Coverage Angle (Deg.)
Frequency (Hz)
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
360
330
300
270
240
210
180
150
120
90
60
30
0
100
1000
10000

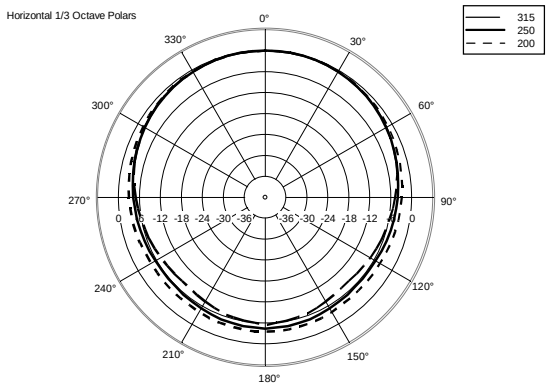

Directivity Index and Q
Total Q
Directivity index DI, dB
Frequency (Hz)
100
10
1
20
18
16
14
12
10
8
6
4
2
0
100
1000
10000

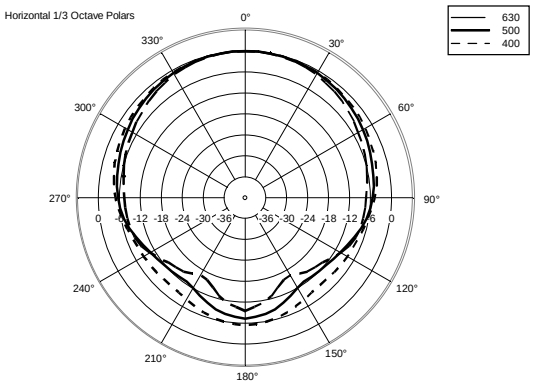

Normalized Horizontal off-axis Response
Attenuation in dB
Frequency (Hz)
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

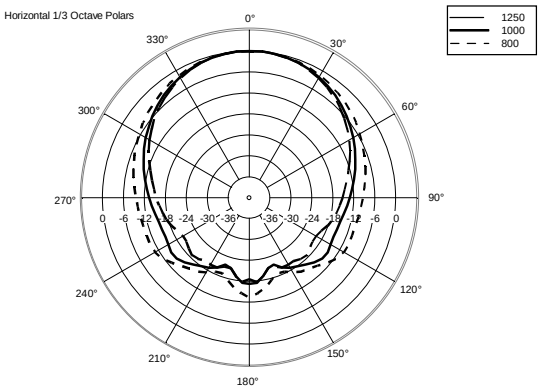

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
Frequency (Hz)
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

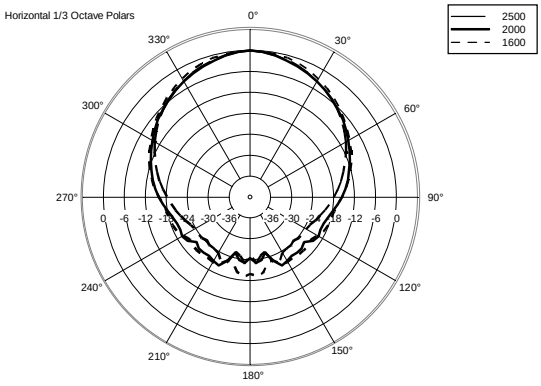

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
Frequency (Hz)
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

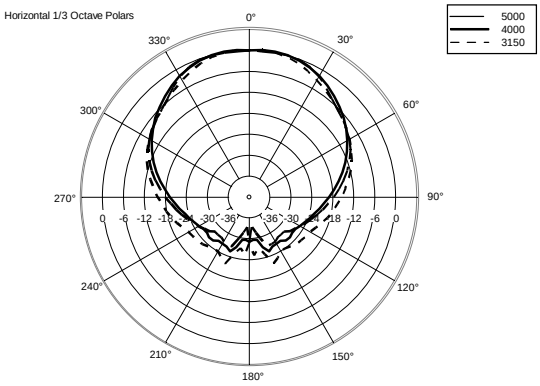

Horizontal 1/3 Octave Polars
160
125
100
0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°

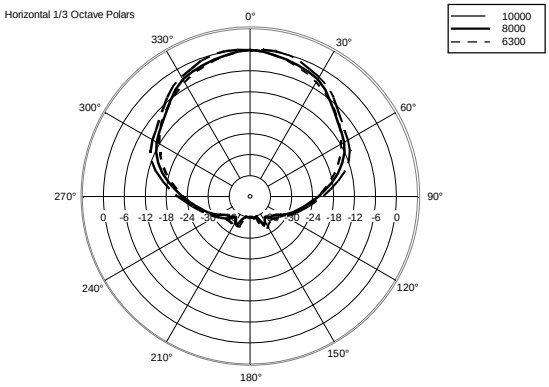

Horizontal 1/3 Octave Polars
315
250
200
0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°

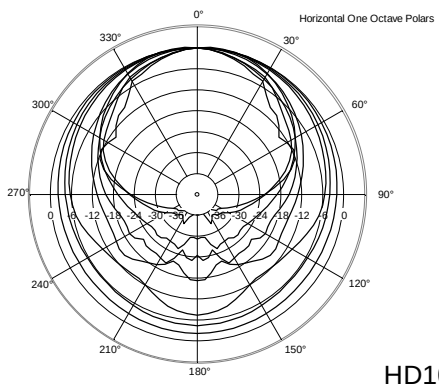

Horizontal 1/3 Octave Polars
630
500
400
0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°

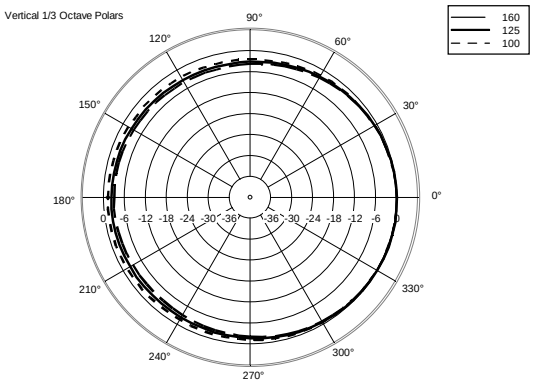

Horizontal 1/3 Octave Polars
1250
1000
800
0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°

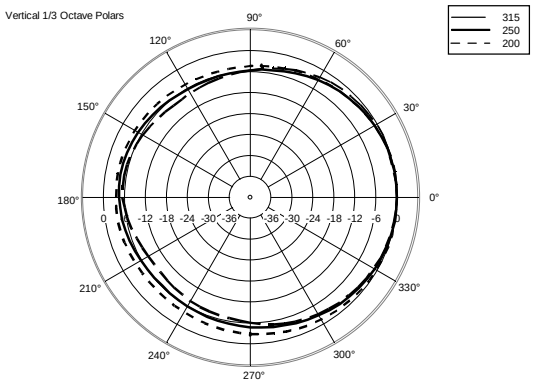

Horizontal 1/3 Octave Polars
2500
2000
1600
0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°

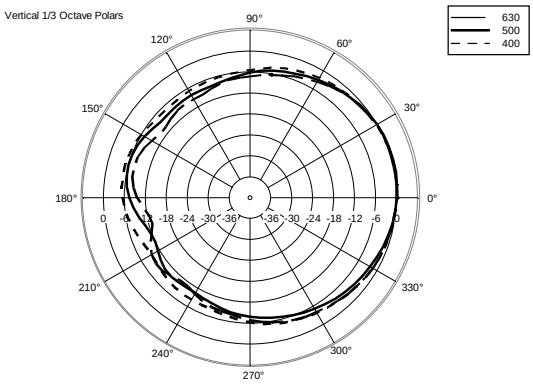

Horizontal 1/3 Octave Polars
5000
4000
3150
0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°

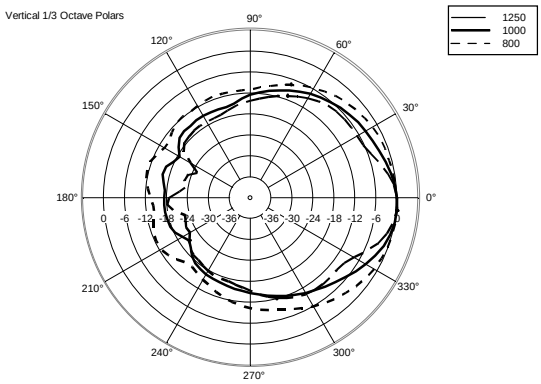

Horizontal 1/3 Octave Polars
10000
8000
6300
0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°

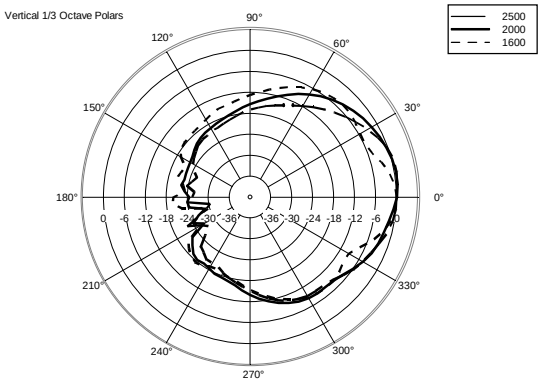

Horizontal One Octave Polars
0°
30°
60°
90°
120°
150°
180°
210°
240°
270°
300°
330°

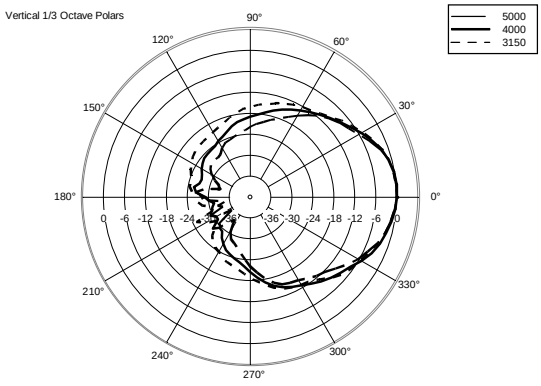

Vertical 1/3 Octave Polars
160
125
100

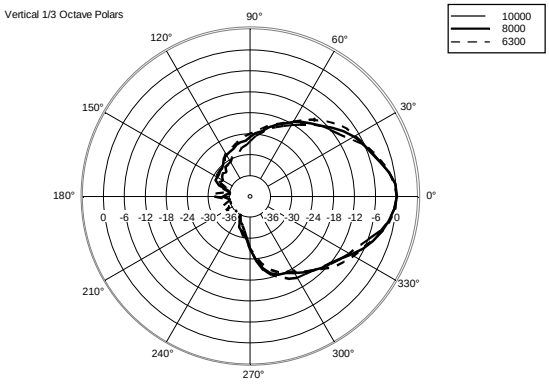

Vertical 1/3 Octave Polars
315
250
200

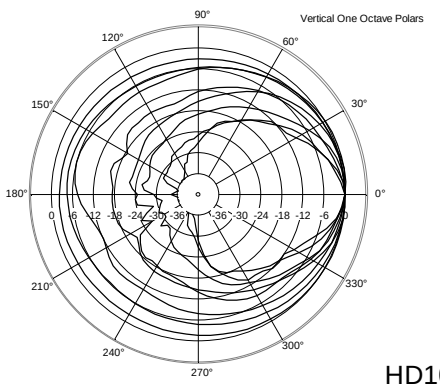

Vertical 1/3 Octave Polars
630
500
400


Vertical 1/3 Octave Polars
1250
1000
800


Vertical 1/3 Octave Polars
2500
2000
1600


Vertical 1/3 Octave Polars
5000
4000
3150


Vertical 1/3 Octave Polars
10000
8000
6300


Vertical One Octave Polars

ACCESSORIES



AC PMA - POLE MOUNT

PART NUMBER **13360034**
EAN: 8024530007713



AC PM-M20

PART NUMBER **13360067**
EAN: 8024530014599



AC PMX POLE MOUNT M20

PART NUMBER **13360232**
EAN: 8024530010058



AC PRO-FS PROFESS. LOCKING FLOOR STAND

PART NUMBER **13360109**
EAN: 8024530006471



AC PRO-LF PROFESSIONAL LOCKING FLANGE

PART NUMBER **13360111**
EAN: 8024530006495



AC PRO-PM PROFESS. LOCKING POLE MOUNT

PART NUMBER **13360110**
EAN: 8024530006488



AC XLR-3M3F XLR CONN. 3MALE3FEMALEXCABLE

PART NUMBER **13360102**
EAN: 8024530006402



COVER CVR HD 10

PART NUMBER **13360208**
EAN: 8024530010713



HORIZONTAL BRACKET H-BR 2X HD 10

PART NUMBER **13360215**
EAN: 8024530016548



SPEAKER CABINET FLOOR STAND-STEEL

PART NUMBER **13360035**

EAN: 8024530005030