4PRO 1031-A

DIGITALER 2-WEG AKTIVLAUTSPRECHER

BESCHREIBUNG

The 4PRO 3003-A is a two-way active bass reflex loudspeaker offering extraordinary fdelity and power with controlled coverage. It provides high power output, low distortion and consistent polar response in a lightweight compact enclosure. The 4PRO 3003 comprises a 15” neodymium woofer and a 1.75” voice coil diaphragm, neodymium compression driver that is mounted to a 90° x 40° constant directivity horn.

FUNKTIONEN

- 800 WATT PEAK, 400 WATT RMS
- 127 dB maximaler Schalldruck
- 90° x 60° Hochtonhorn mit konstanter Richtwirkung
- 10″ High Power Woofer mit 2″ voice coil
- 1″ Treiber, 1,7″ voice coil

SPEZIFIKATIONEN

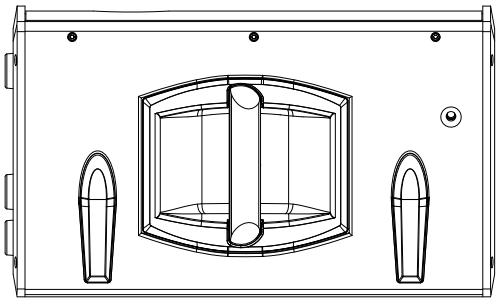
Spezifikation	Frequenzgang	50 Hz ÷ 20000 Hz
	Max SPL @ 1m:	127 dB
	Horizontaler Abstrahlwinkel:	90°
	Vertikaler Abstrahlwinkel:	60°
Schallwandler	Kompressionstreiber:	1 x 1.0", 1.4" v.c
	Woofer	10", 2.0" v.c
Input/Output sektion	Eingangssinal	bal/unbal
	Eingangsbuchsen	Combo XLR/Jack
	Ausgangsanschlüsse	XLR
	Eingangsempfindlichkeit	-2 dBu/+4 dBu
Prozessor	Übergangsfrequenz	1800 Hz
	Schutzschaltungen	Thermal, RMS
	Limiter	Fast Limiter
	Steuerung	Volume, EQ Shape, Mic/Line
Power sektion	Gesamtleistung	800 W Peak, 400 W RMS
	HF Bereich	200 W Peak, 100 W RMS
	Tiefe Frequenzen	600 W Peak, 300 W RMS
	Kühlung	Convection
	Verbindungen	VDE
Standardkonformität	Safety agency	CE compliant
Physikalische daten	Hardware	3 x Flytracks
	Griffe	1 Side
	Pole Mount/Cap	Yes
	Farbe	Black
Größe	Höhe	539 mm / 21.22 inches
	Breite	320 mm / 12.6 inches
	Tiefe	320 mm / 12.6 inches
	Gewicht	17.5 kg / 38.58 lbs
Versandinformationen	Verpackung Höhe	577 mm / 22.72 inches
	Verpackung Breite	374 mm / 14.72 inches
	Verpackung Tiefe	374 mm / 14.72 inches
	Verpackungsgewicht	20.5 kg / 45.19 lbs

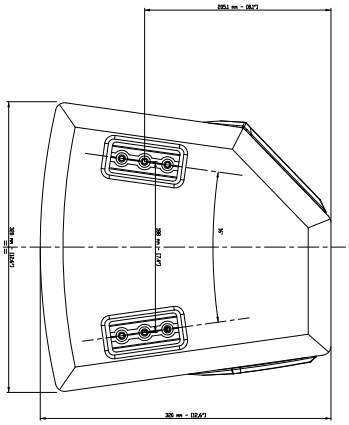
RCF products are continually improved. All specifications are therefore subject to change without notice.

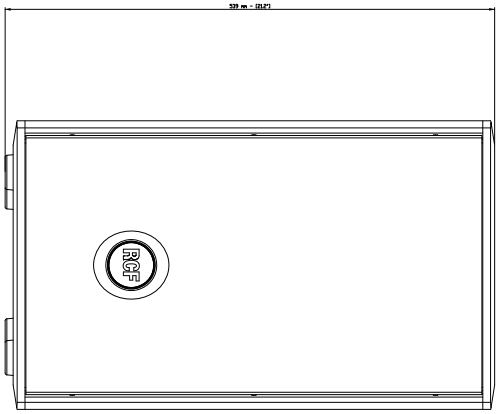
ARTIKEL-NUMMER

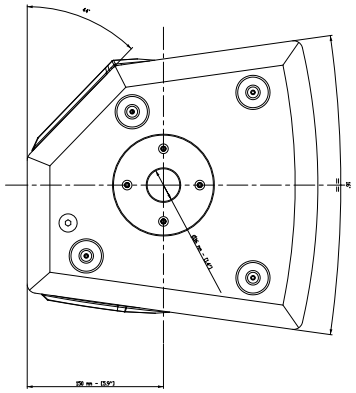
- **13000371**
  4PRO 1031-A
  115V
  EAN 8024530009847
- **13000370**
  4PRO 1031-A
  220-240V
  EAN 8024530009830

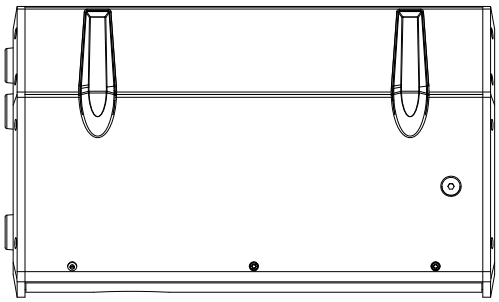
RCF products are continually improved. All specifications are therefore subject to change without notice.

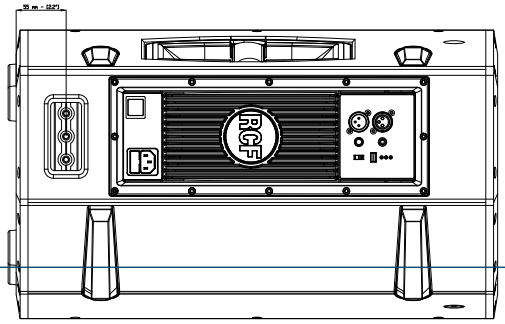


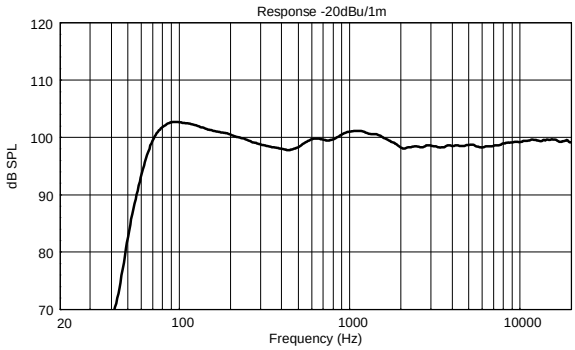


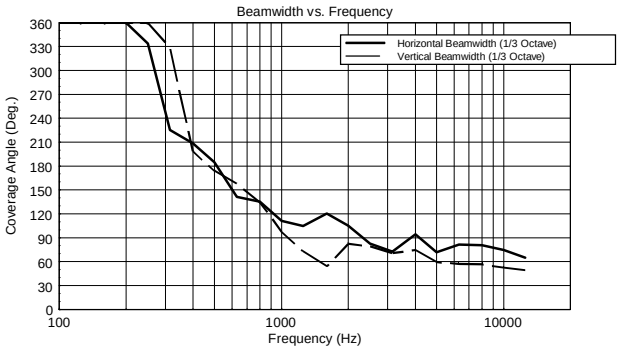


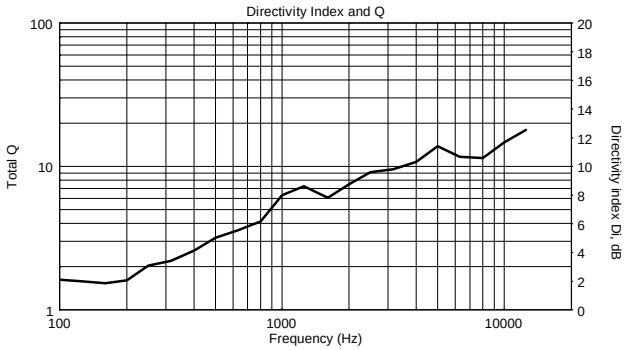


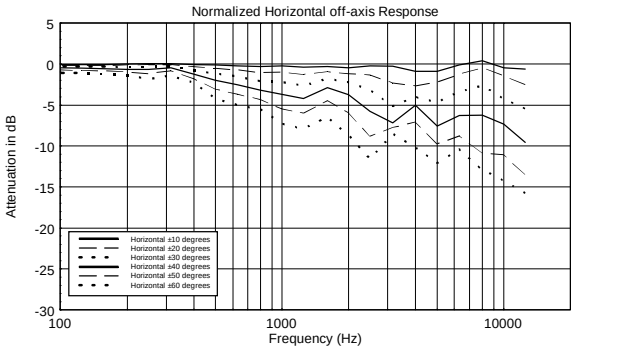


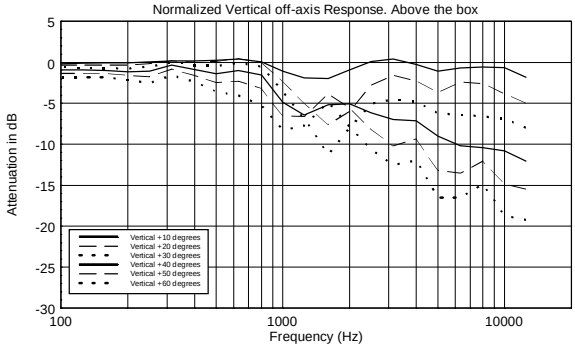


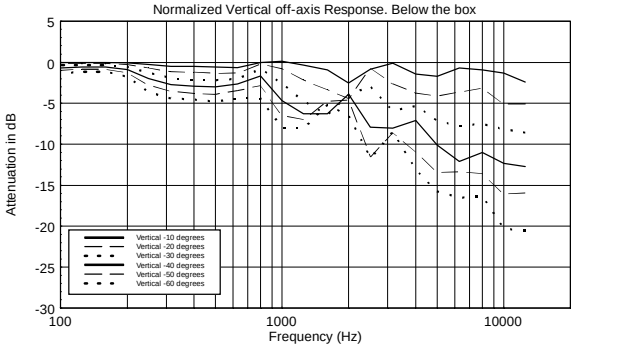

Response -20dBu/1m
dB SPL
Frequency (Hz)
120
110
100
90
80
70
20
100
1000
10000

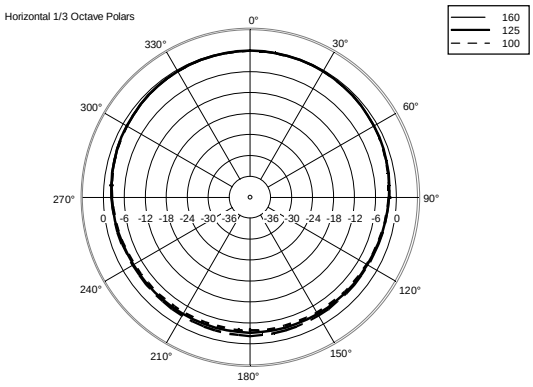

Beamwidth vs. Frequency
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
Coverage Angle (Deg.)
Frequency (Hz)
360
330
300
270
240
210
180
150
120
90
60
30
0
100
1000
10000

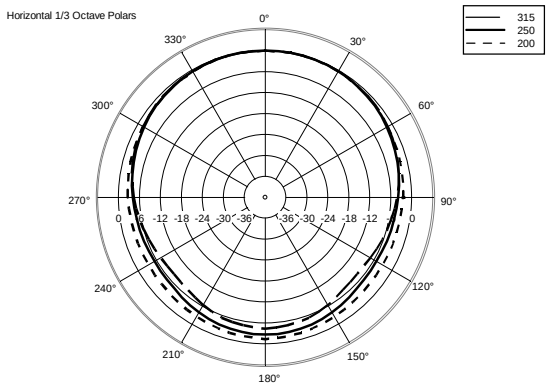

Directivity Index and Q
Total Q
Directivity index DI, dB
Frequency (Hz)
100
10
1
20
18
16
14
12
10
8
6
4
2
0
100
1000
10000

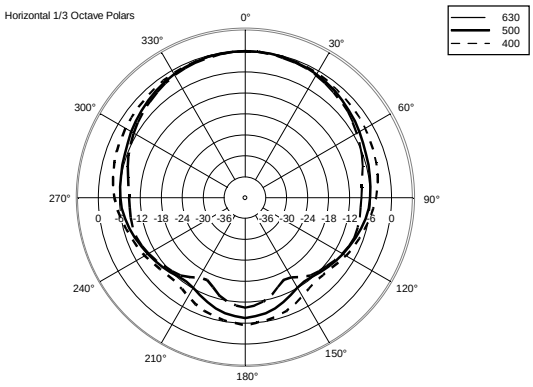

Normalized Horizontal off-axis Response
Attenuation in dB
Frequency (Hz)
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

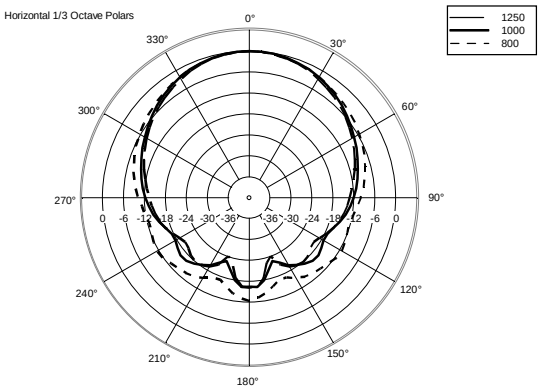

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
Frequency (Hz)
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

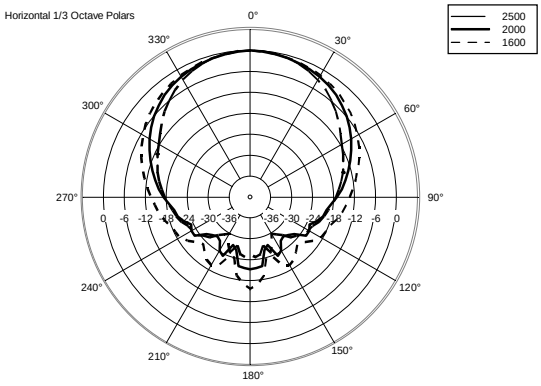

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
Frequency (Hz)
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

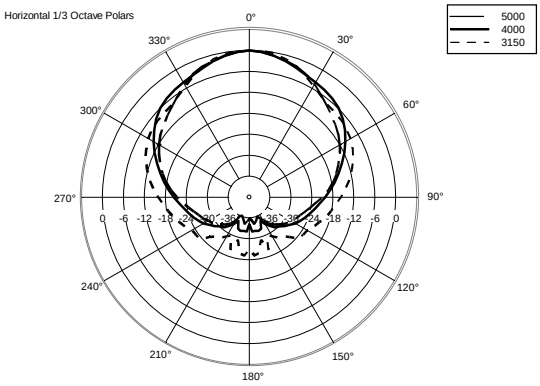

Horizontal 1/3 Octave Polars
160
125
100

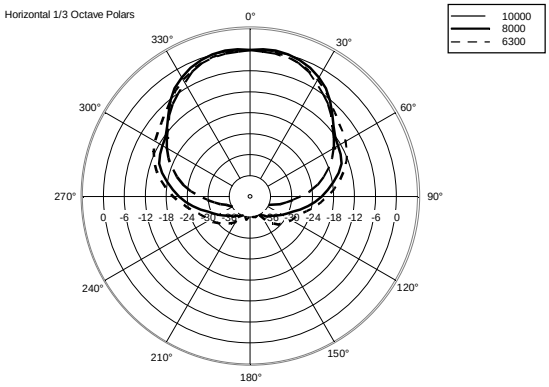

Horizontal 1/3 Octave Polars
315
250
200

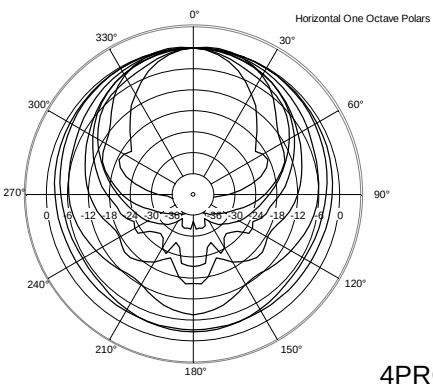

Horizontal 1/3 Octave Polars
630
500
400

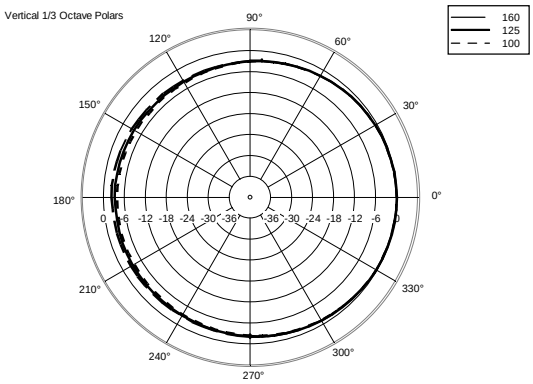

Horizontal 1/3 Octave Polars
1250
1000
800

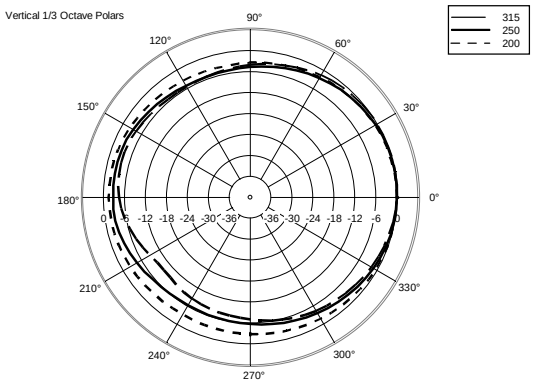

Horizontal 1/3 Octave Polars
2500
2000
1600

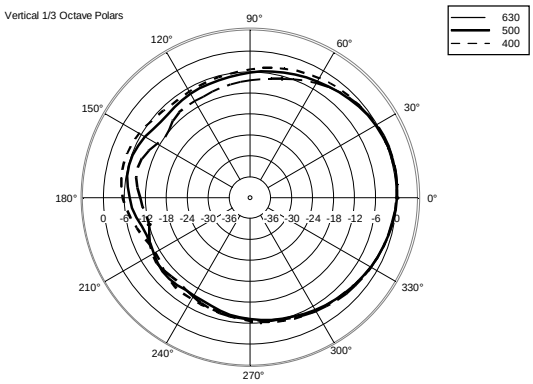

Horizontal 1/3 Octave Polars
5000
4000
3150

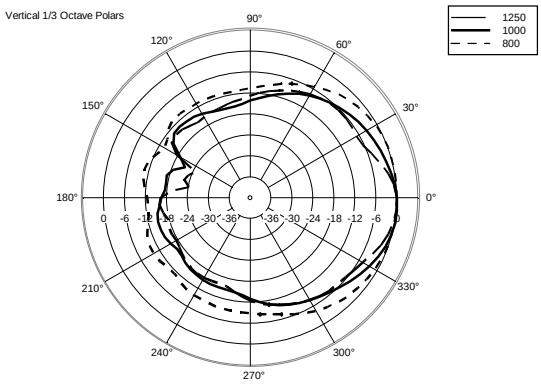

Horizontal 1/3 Octave Polars
10000
8000
6300

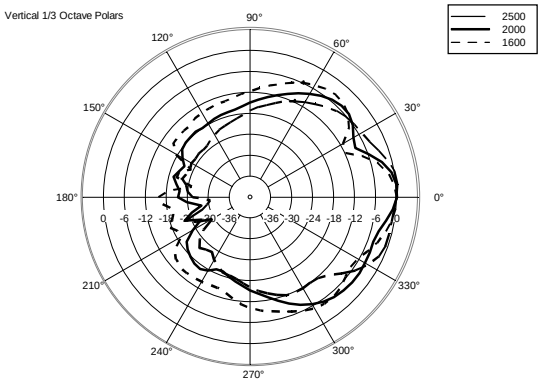

Horizontal One Octave Polars

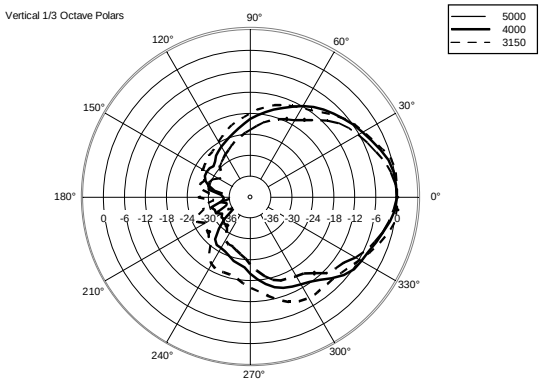

Vertical 1/3 Octave Polars
160
125
100

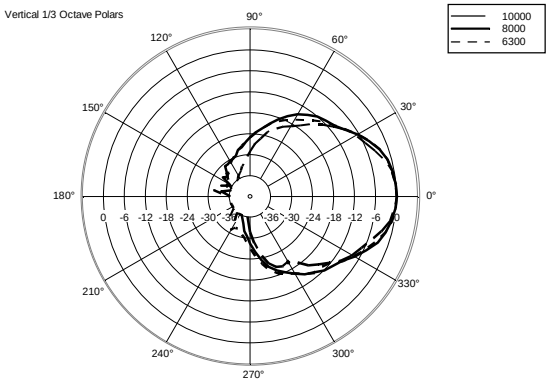

Vertical 1/3 Octave Polars
315
250
200

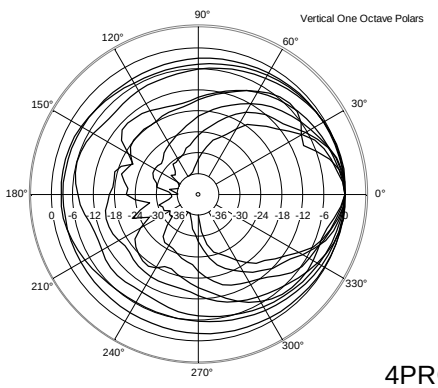

Vertical 1/3 Octave Polars
630
500
400


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

ZUBEHÖR

AC PMA - POLE MOUNT

ARTIKEL-NUMMER **13360034**
EAN: 8024530007713

AC PMX POLE MOUNT M20

ARTIKEL-NUMMER **13360232**
EAN: 8024530010058

AC PRO-FS PROFESS. LOCKING FLOOR STAND

ARTIKEL-NUMMER **13360109**
EAN: 8024530006471

AC PRO-LF PROFESSIONAL LOCKING FLANGE

ARTIKEL-NUMMER **13360111**
EAN: 8024530006495

AC PRO-PM PROFESS. LOCKING POLE MOUNT

ARTIKEL-NUMMER **13360110**
EAN: 8024530006488

AC XLR-3M3F XLR CONN. 3MALE3FEMALEXCABLE

ARTIKEL-NUMMER **13360102**
EAN: 8024530006402

COVER CVR 4PRO 1031

ARTIKEL-NUMMER **13360270**
EAN: 8024530013486

DOUBLE STUD 4X

ARTIKEL-NUMMER **13360030**
EAN: 8024530020231

POLE MOUNT KIT PM-KIT M20

ARTIKEL-NUMMER **13360067**
EAN: 8024530014599

SPEAKER CABINET FLOOR STAND-STEEL

ARTIKEL-NUMMER **13360035**

EAN: 8024530005030