ART 745-A MK4

ACTIVE TWO-WAY SPEAKER

DESCRIPTION

The ART 745-A MK4 is the flagship speaker in its category. The titanium dome, 4.0” voice coil neodymium compression driver offers a unique vocal clarity and sound projection. The 15” neodymium woofer offers an extremely linear response and a precise, deep low frequency control. The transducers are produced using the most advanced assembly technologies. The amplifier delivers 1400 watts and is controlled by a DSP that takes care of crossover, equalisation, phase control, soft limiting and speaker protections



FEATURES

- 133 dB Max SPL
- 1400 WATT 2-way peak power
- Innovative DSP Processing
- 1.4" Titanium Compression Driver, 4.0" v.c. Neodimium
- 15" Neodimium Woofer
- 650 Hz crossover point for perfect vocal reproduction
- 90°x60°, wide dispersion constant directivity horn
- FiRPHASE Technology

TECHNICAL SPECIFICATIONS

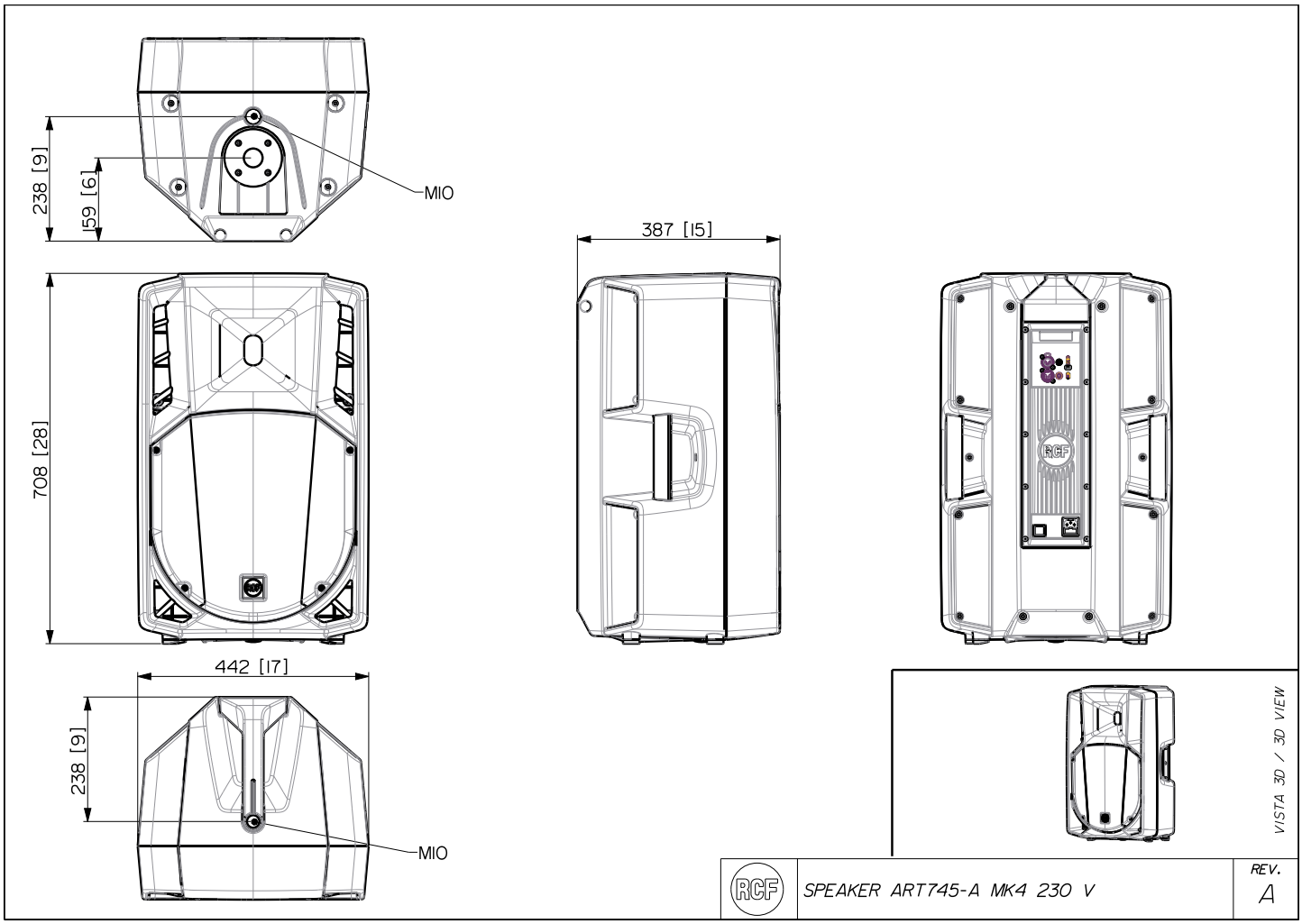
Acoustical specifications	Frequency Response:	45 Hz ÷ 20000 Hz
	Max SPL @ 1m:	133 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	60°
Transducers	Compression Driver:	1 x 1.4" neo, 4.0" v.c
	Woofer:	15" neo, 3.5" v.c
Input/Output section	Input signal:	bal/unbal
	Input connectors:	XLR, Jack
	Output connectors:	XLR
	Input sensitivity:	-2 dBu/+4 dBu
	Mic. Input Sensitivity:	-32 dBu
Processor section	Crossover Frequencies:	650 Hz
	Protections:	Thermal, RMS
	Limiter:	Soft Limiter
	Controls:	Volume, Boost, Mic/Line
Power section	Total Power:	1400 W Peak, 700 W RMS
	High frequencies:	400 W Peak, 200 W RMS
	Low frequencies:	1000 W Peak, 500 W RMS
	Cooling:	Convection
	Connections:	VDE
Standard compliance	Safety agency:	CE compliant
Physical specifications	Cabinet/Case Material:	PP Composite
	Hardware:	2 x M10
	Handles:	1 Top, 2 Side
	Pole mount/Cap:	Yes
	Grille:	Steel
	Color:	Black
Size	Height:	708 mm / 27.87 inches
	Width:	437 mm / 17.2 inches
	Depth:	389 mm / 15.31 inches
	Weight:	18.8 kg / 41.45 lbs
Shipping information	Package Height:	750 mm / 29.53 inches
	Package Width:	500 mm / 19.69 inches
	Package Depth:	440 mm / 17.32 inches
	Package Weight:	22 kg / 48.5 lbs

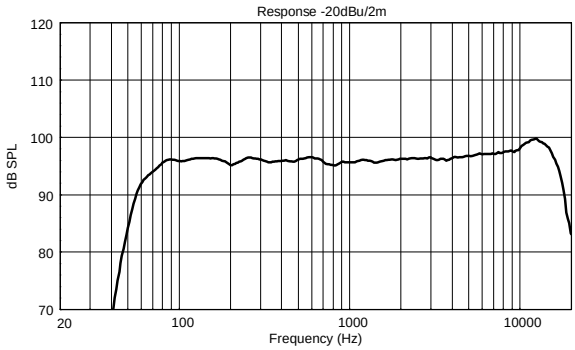
RCF products are continually improved. All specifications are therefore subject to change without notice.

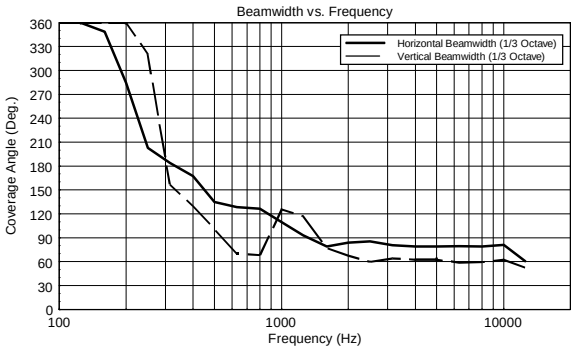
PART NUMBER

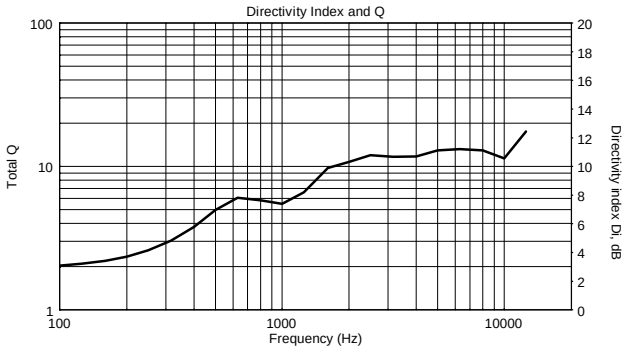
- **13000531**
  ART 745-A MK4
  115V
  EAN 8024530015053
- **13000530**
  ART 745-A MK4
  220-240V
  EAN 8024530014933

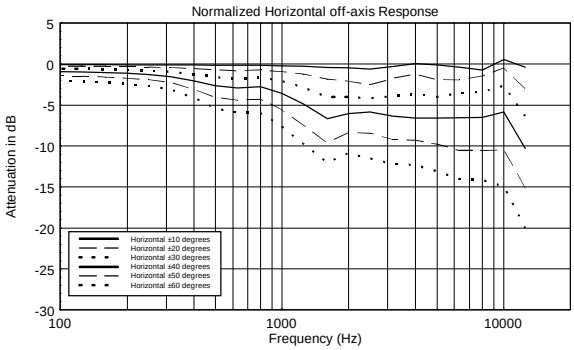
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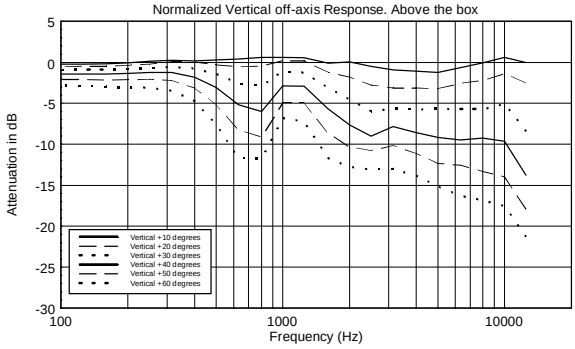

238 [9]
159 [6]
MIO
387 [15]
708 [28]
442 [17]
238 [9]
MIO
VISTA 3D / 3D VIEW
SPEAKER ART745-A MK4 230 V
REV.
A

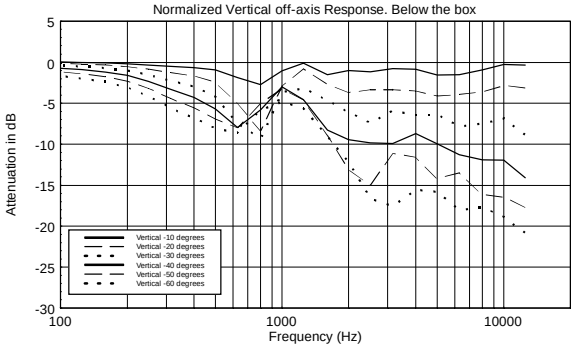

Response -20dBu/2m
dB SPL
Frequency (Hz)
120
110
100
90
80
70
20
100
1000
10000

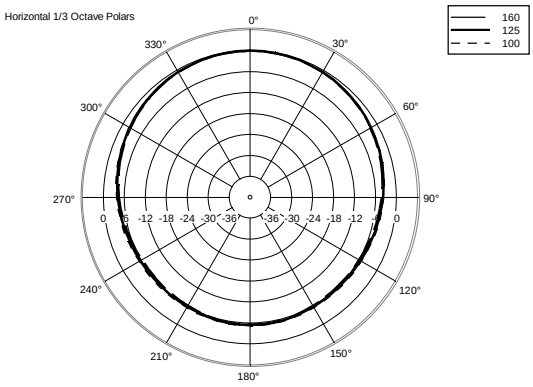

Beamwidth vs. Frequency
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
Coverage Angle (Deg.)
Frequency (Hz)
360
330
300
270
240
210
180
150
120
90
60
30
0
100
1000
10000

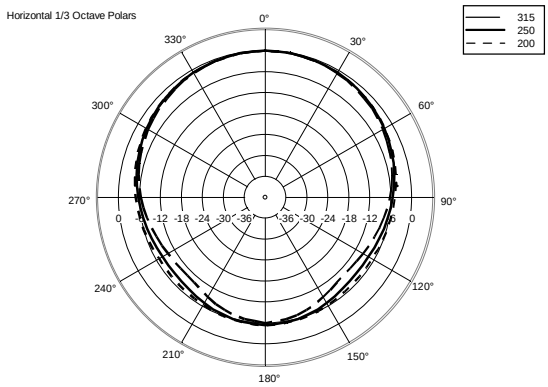

Directivity Index and Q
Total Q
Directivity index DI, dB
Frequency (Hz)
100
10
1
20
18
16
14
12
10
8
6
4
2
0
100
1000
10000

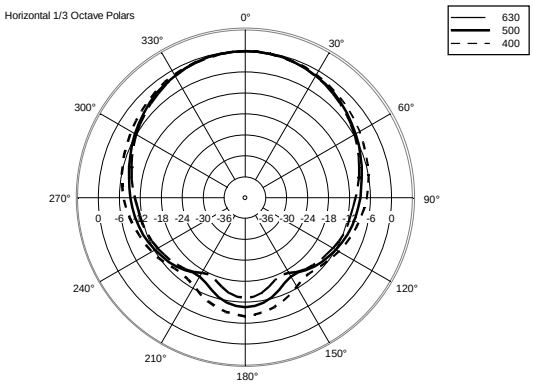

Normalized Horizontal off-axis Response
Attenuation in dB
Frequency (Hz)
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

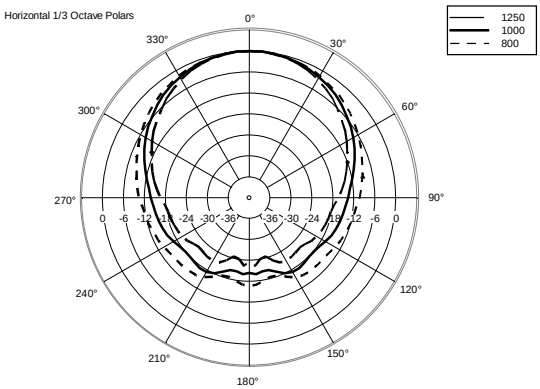

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
Frequency (Hz)
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

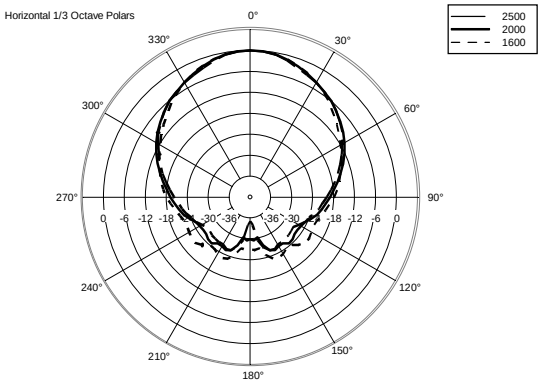

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
Frequency (Hz)
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000

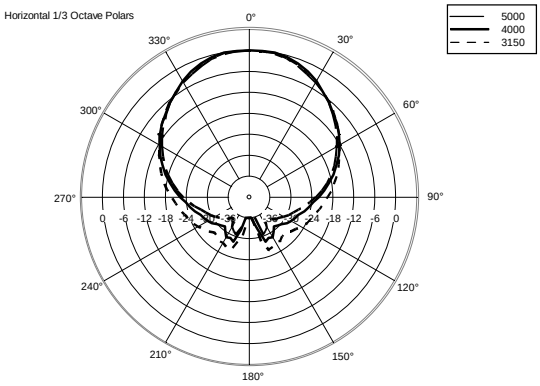

Horizontal 1/3 Octave Polars
160
125
100

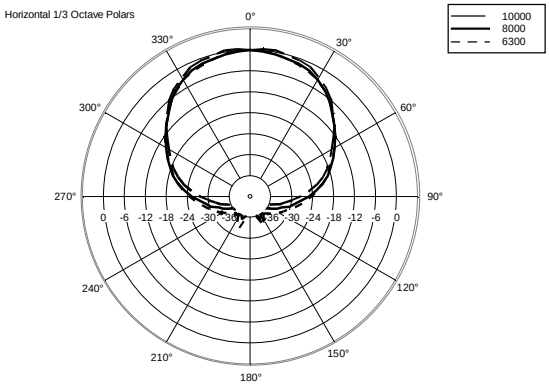

Horizontal 1/3 Octave Polars
315
250
200

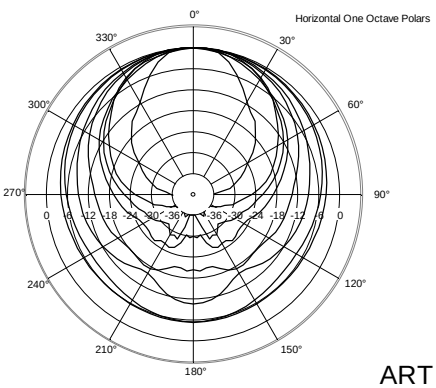

Horizontal 1/3 Octave Polars
630
500
400

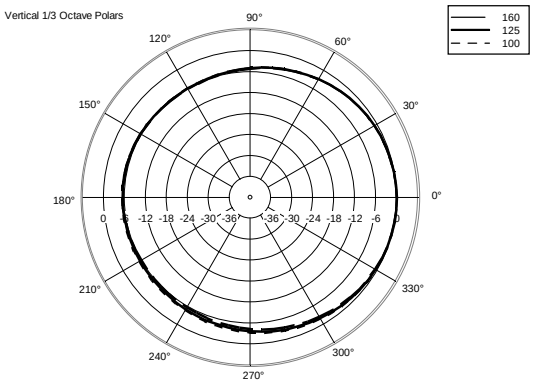

Horizontal 1/3 Octave Polars
1250
1000
800

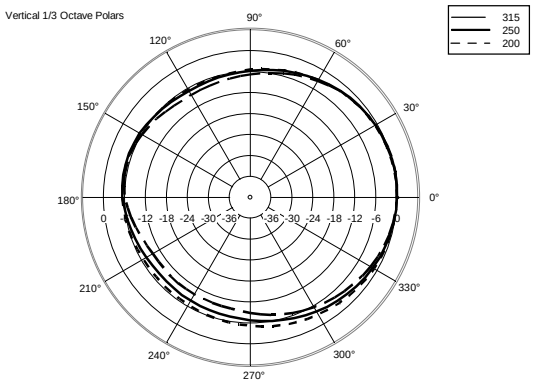

Horizontal 1/3 Octave Polars
2500
2000
1600

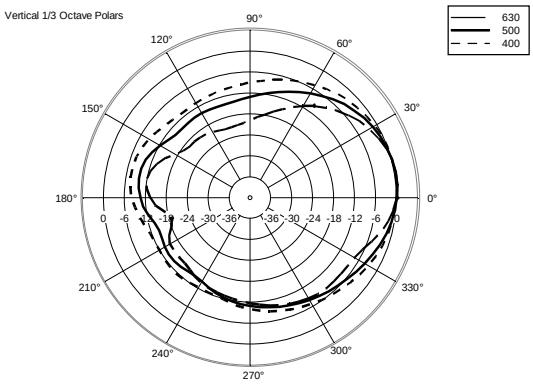

Horizontal 1/3 Octave Polars
5000
4000
3150

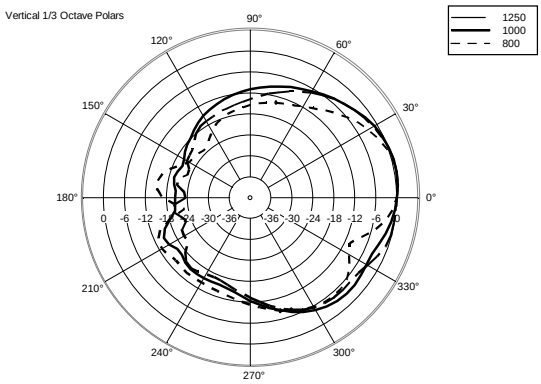

Horizontal 1/3 Octave Polars
10000
8000
6300

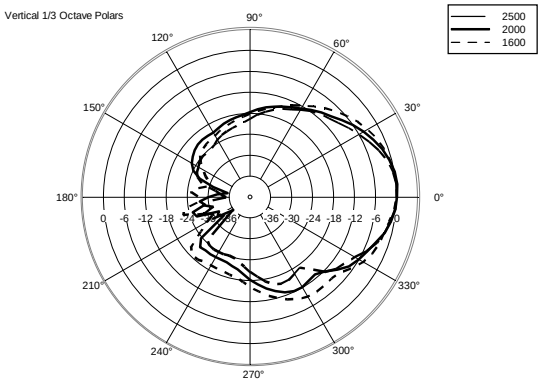

Horizontal One Octave Polars

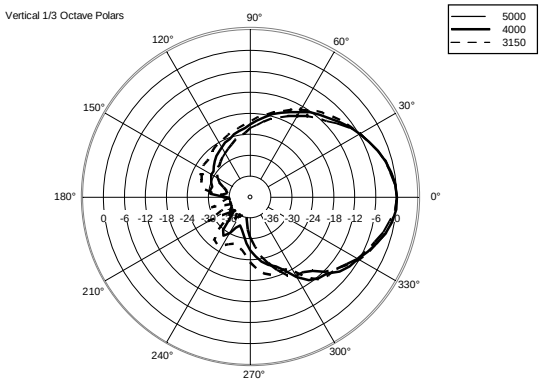

Vertical 1/3 Octave Polars
160
125
100

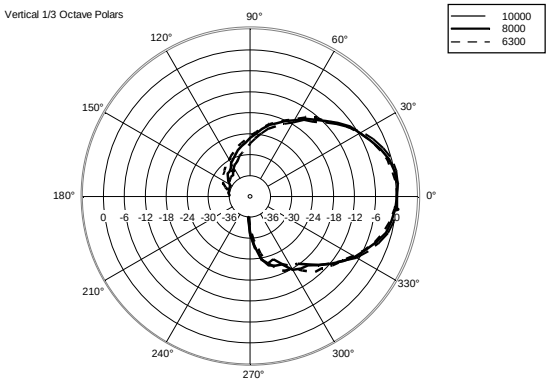

Vertical 1/3 Octave Polars
315
250
200

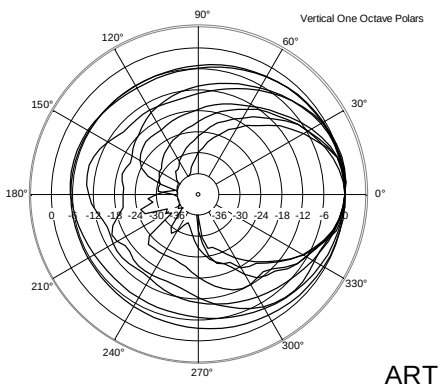

Vertical 1/3 Octave Polars
630
500
400


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

ACCESSORIES



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-PM PROFESS. LOCKING POLE MOUNT

PART NUMBER **13360110**
EAN: 8024530006488

COVER CVR ART 725

PART NUMBER **13360115**
EAN: 8024530010676



HORIZONTAL BRACKET H-BR 2X ART 715

PART NUMBER **13360105**
EAN: 8024530012939