ART 312-A MK4

ACTIVE TWO-WAY SPEAKER

DESCRIPTION

Active speakers for live sound reinforcement and stage monitoring as well as distributed sound systems for clubs, music venues and corporate events. ART 312-A MK4 is the optimum choice for live sound situations where an exceptional full range, outstanding bass reproduction and accurate high frequency delivery are required

FEATURES

- 128 dB Max SPL
- 800 WATT 2-way peak power
- DSP Processing with FiRPHASE
- 12" woofer, high power 2.5" voice coil
- 1" HF driver, mylar dome, 1.5" voice coil

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", 1.5" v.c
	Woofer:	12", 2.5" 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:	1800 Hz
	Protections:	Thermal, RMS
	Limiter:	Soft Limiter
	Controls:	Volume, Boost, 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:	4 x M10
	Handles:	1 Top, 2 Side
	Pole mount/Cap:	Yes
	Grille:	Steel
	Color:	Black
Size	Height:	680 mm / 26.77 inches
	Width:	405 mm / 15.94 inches
	Depth:	345 mm / 13.58 inches
	Weight:	16.8 kg / 37.04 lbs
Shipping informations	Package Height:	406 mm / 15.98 inches
	Package Width:	466 mm / 18.35 inches
	Package Depth:	798 mm / 31.42 inches
	Package Weight:	19.8 kg / 43.65 lbs

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

PART NUMBER

- **13000540**
  ART 312-A MK4
  115V
  EAN 8024530015190

- **13000539**
  ART 312-A MK4
  220-240V
  EAN 8024530014797

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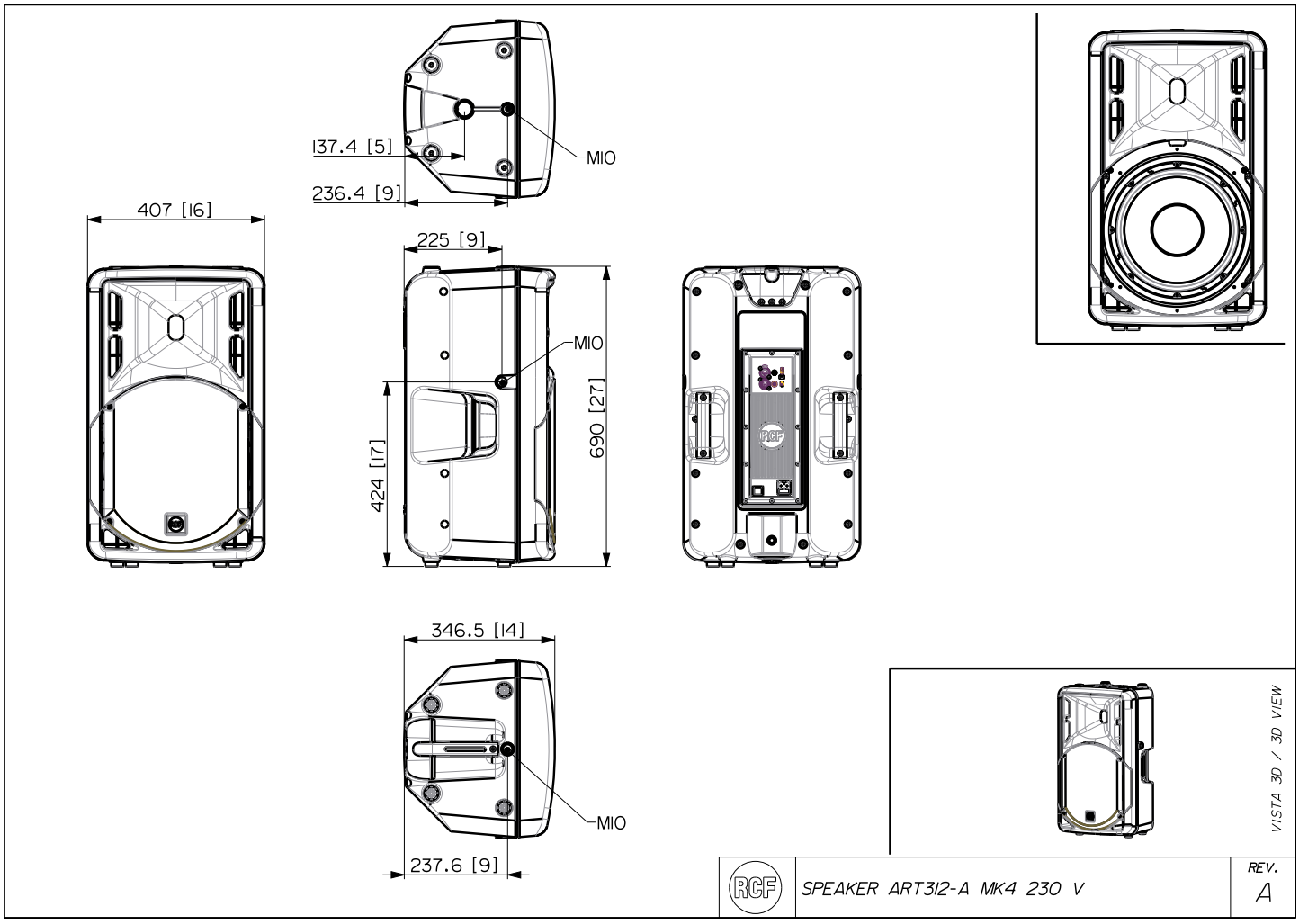
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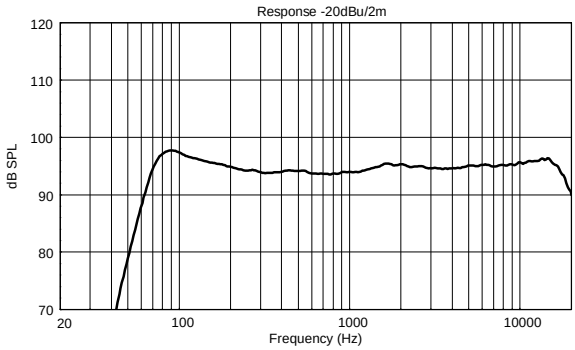
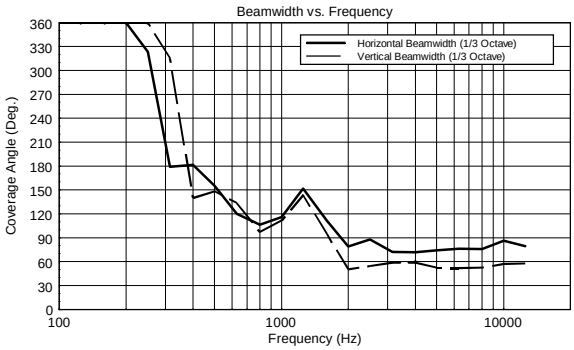
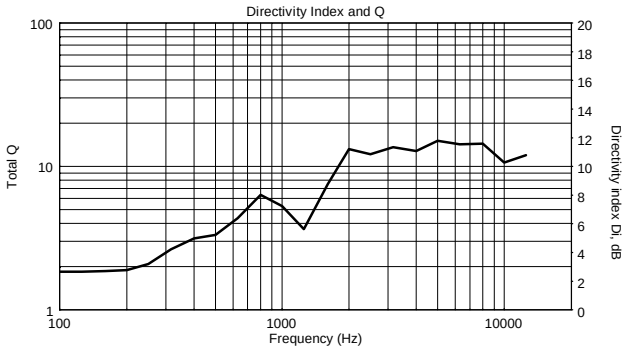
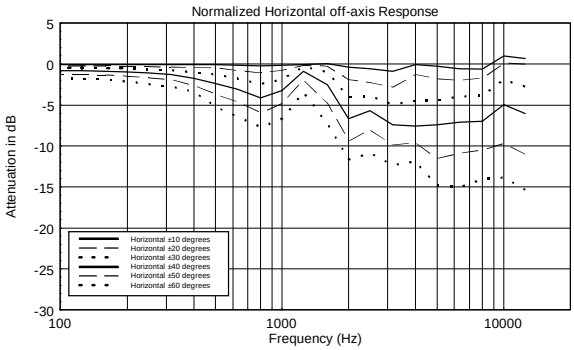
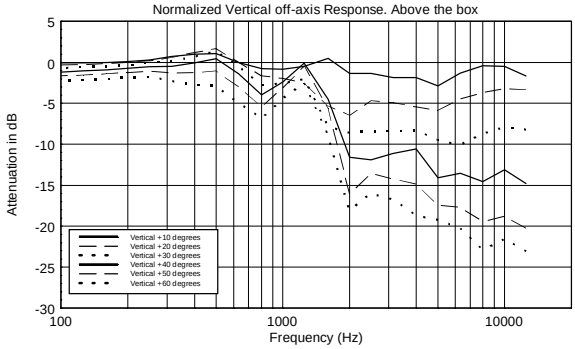
236.4 [9]
MIO
407 [16]
225 [9]
MIO
424 [17]
690 [27]
346.5 [14]
MIO
237.6 [9]
VISTA 3D / 3D VIEW
SPEAKER ART312-A MK4 230 V
REV.
A

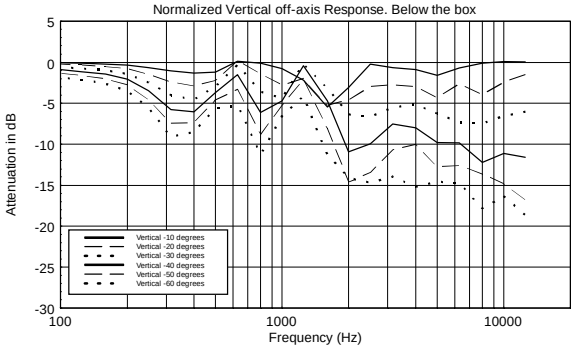

Response -20dBu/2m
dB SPL
Frequency (Hz)

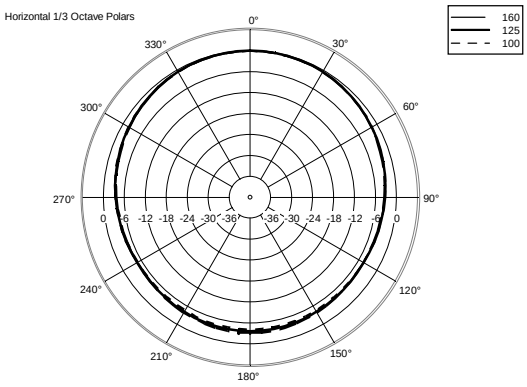

Beamwidth vs. Frequency
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
Coverage Angle (Deg.)
Frequency (Hz)

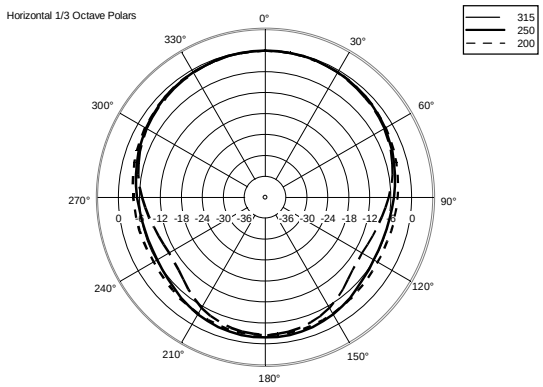

Directivity Index and Q
Total Q
Directivity index DI, dB
Frequency (Hz)

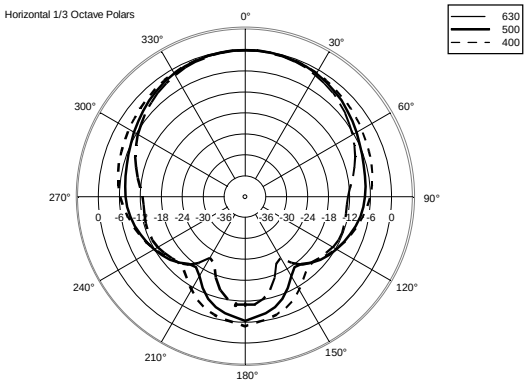

Normalized Horizontal off-axis Response
Attenuation in dB
Frequency (Hz)

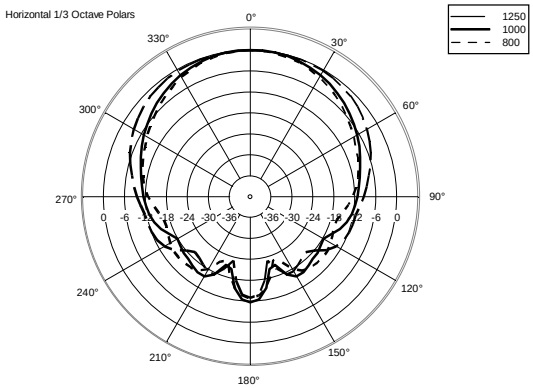

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
Frequency (Hz)

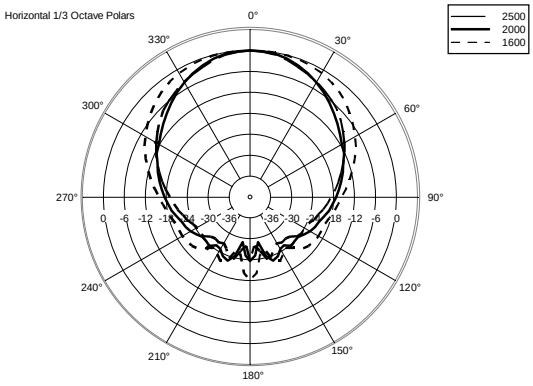

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
Frequency (Hz)

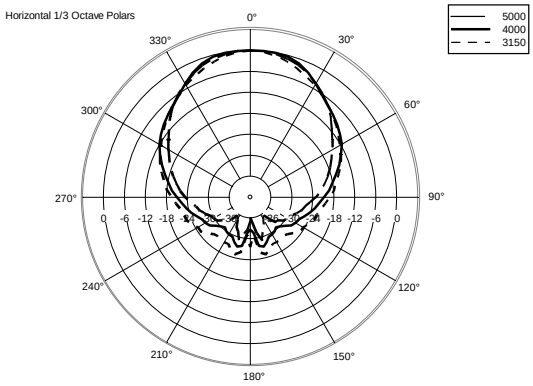

Horizontal 1/3 Octave Polars
160
125
100

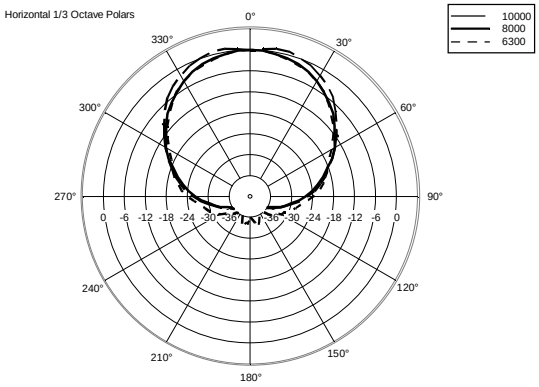

Horizontal 1/3 Octave Polars
315
250
200

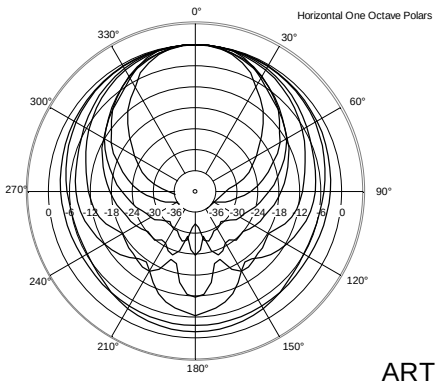

Horizontal 1/3 Octave Polars
630
500
400

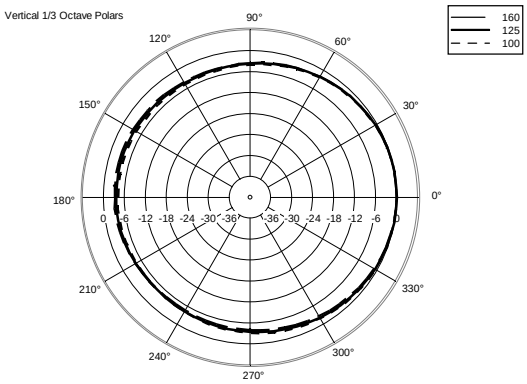

Horizontal 1/3 Octave Polars
1250
1000
800

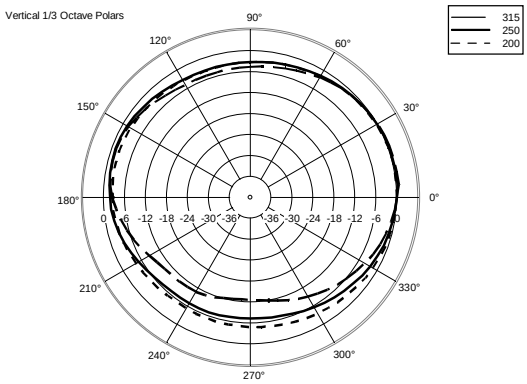

Horizontal 1/3 Octave Polars
2500
2000
1600

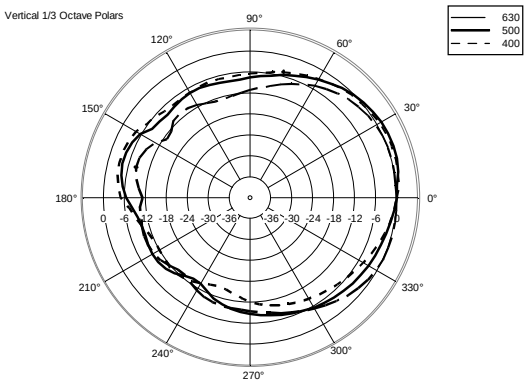

Horizontal 1/3 Octave Polars
5000
4000
3150


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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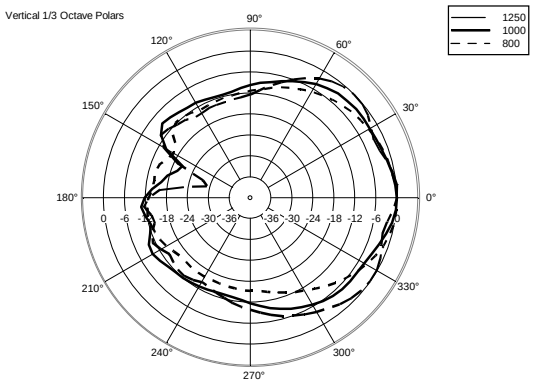
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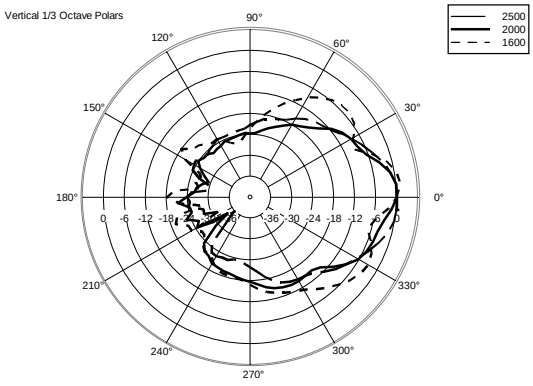
Vertical 1/3 Octave Polars
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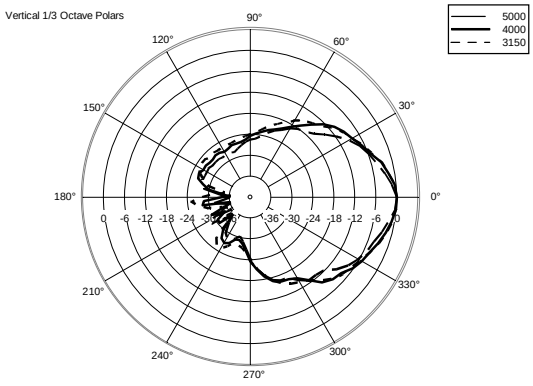
Vertical 1/3 Octave Polars
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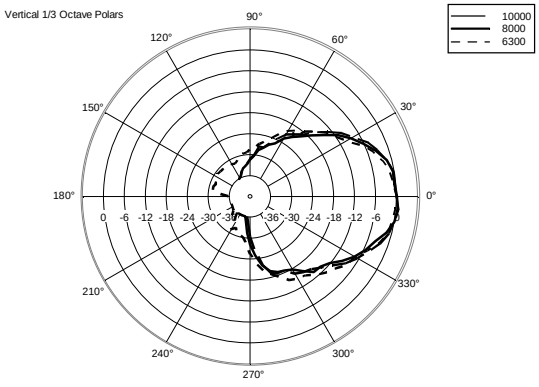
Vertical 1/3 Octave Polars
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8000
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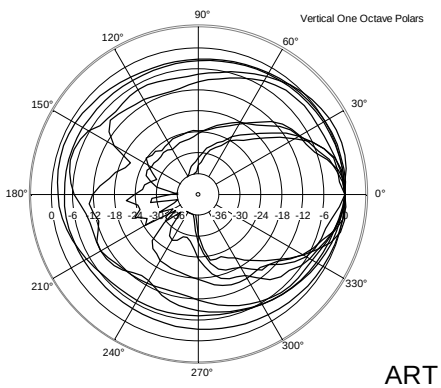
Vertical One Octave Polars

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 ART 312

PART NUMBER **13360043**
EAN: 8024530010737

HORIZONTAL BRACKET H-BR ART 312

PART NUMBER **13360011**
EAN: 8024530015817

SPEAKER CABINET FLOOR STAND-STEEL

PART NUMBER **13360035**
EAN: 8024530005030

VERTICAL BRACKET V-BR ART 312

PART NUMBER **13360010**
EAN: 8024530015800