NX 912-SMA

PROFESSIONAL ACTIVE STAGE MONITOR

DESCRIPTION

NX 912-SMA speaker is a stage monitor designed for sound providers, musicians, bands, and DJs. The combination of a 1.75" compression driver, 12" woofer, two-channel 2,100W amplifier, and the TRW waveguide produces coherent 100° x 70° coverage for the listening area with up to 130dB SPL of distortion-free sound. Used as a stage monitor, stand-alone speaker system, or satellite paired with a subwoofer, the NX 912-SMA blends high performance and reliability in a compact package. Combining RCF proprietary FiRPHASE and Bass Motion Control DSP processing, NX 912-SMA Series speakers deliver absolute clarity and deep, powerful bass response. The tour-ready, rugged all-wood cabinet is easy to carry and set up on stage or on a pole.

FEATURES

- Up to 130 dB Sound Pressure Level
- 2100W Class-D bi-amplification
- 50-20000 Hz linear frequency response
- 1.75" Compression Driver
- 12" Woofer
- FiRPHASE zero degrees phase technology
- Bass Motion Control woofer excursion management
- 70°x100° Constant Directivity Coverage Angle
- Perfectly tailored for horizontal or vertical deployment

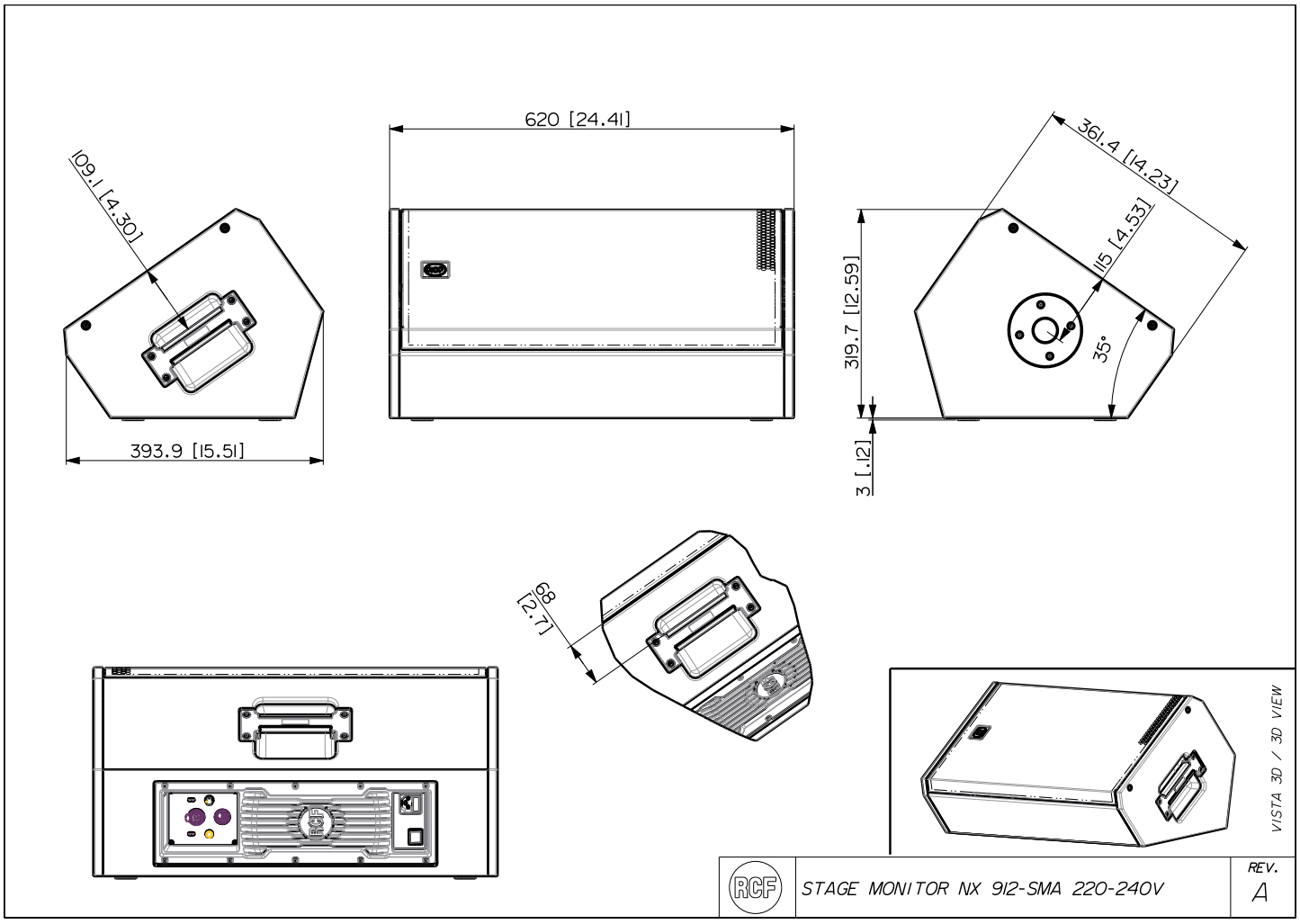
TECHNICAL SPECIFICATIONS

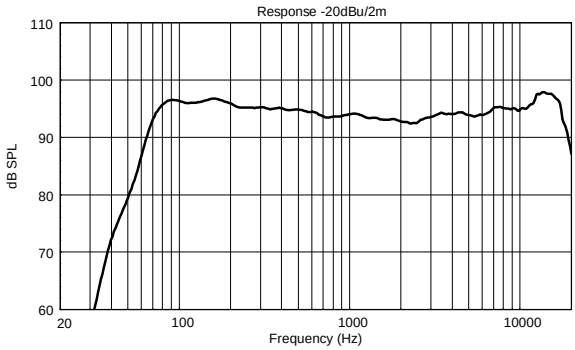
Acoustical specifications	Frequency Response	50 Hz ÷ 20000 Hz
	Max SPL @ 1m	130 dB
	Horizontal coverage angle	100°
	Vertical coverage angle	70°
Transducers	Compression Driver	1 x 1.0", 1.75" v.c
	Woofer	12", 2.5" v.c
Input/Output section	Input signal	bal/unbal
	Input connectors	Combo XLR/Jack
	Output connectors	XLR
	Input sensitivity	-2 dBu/+4 dBu
Processor section	Crossover Frequencies	1600 Hz
	Protections	Thermal, RMS
	Limiter	Soft Limiter
Power section	Total Power	2100 W Peak
	High frequencies	700 W Peak
	Low frequencies	1400 W Peak
	Cooling	Convection
	Connections	Powercon TRUE1 TOP IN/OUT
Standard compliance	Safety agency	CE compliant
Physical specifications	Handles	1 on side and 1 on top
	Pole mount/Cap	Yes
	Color	Black
Size	Height	320 mm / 12.6 inches
	Width	620 mm / 24.41 inches
	Depth	394 mm / 15.51 inches
	Weight	20 kg / 44.09 lbs
Shipping information	Package Height	675 mm / 26.57 inches
	Package Width	425 mm / 16.73 inches
	Package Depth	370 mm / 14.57 inches
	Package Weight	23 kg / 50.71 lbs

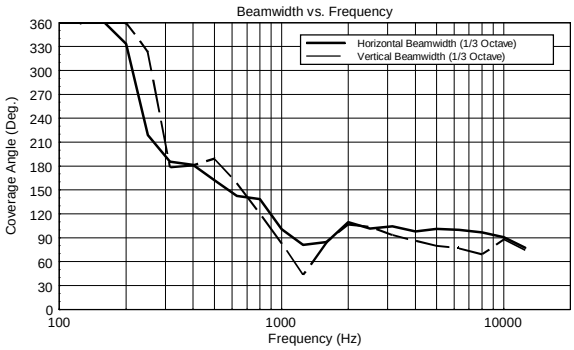
PART NUMBER

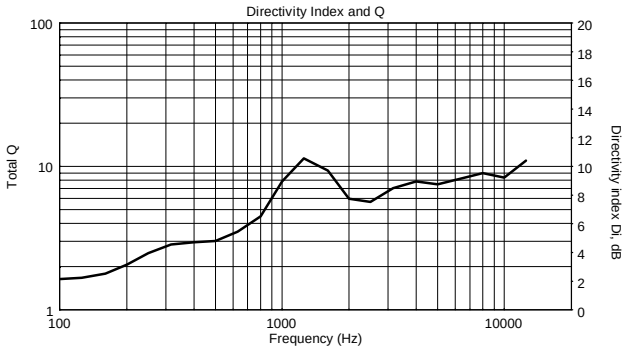
- **13000784**
  NX 912-SMA
  100-120V
  EAN 8024530020576
- **13000783**
  NX 912-SMA
  220-240V
  EAN 8024530020569

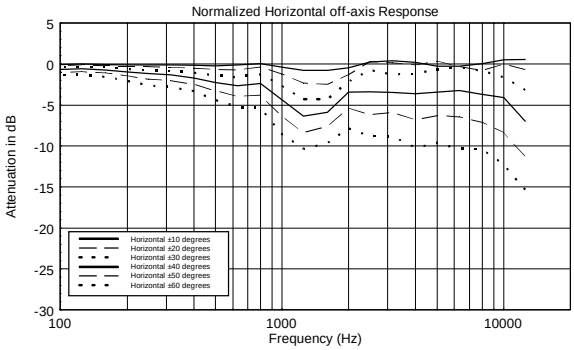
RCF products are continually improved. All specifications are therefore subject to change without notice.

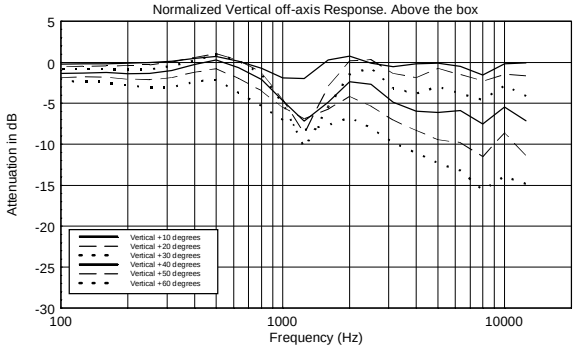

109.1 [4.30]
393.9 [15.51]
620 [24.41]
361.4 [14.23]
115 [4.53]
319.7 [12.59]
35°
3 [.12]
68 [2.7]
VISTA 3D / 3D VIEW
STAGE MONITOR NX 912-SMA 220-240V
REV.
A

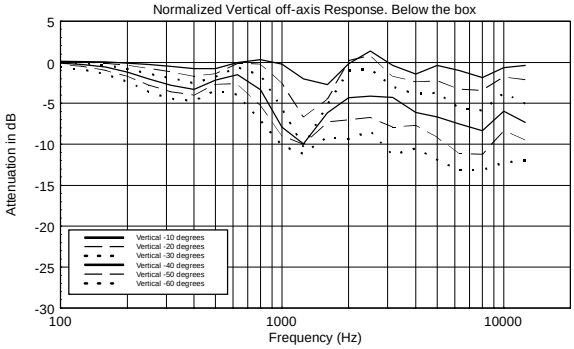

Response -20dBu/2m
dB SPL
Frequency (Hz)

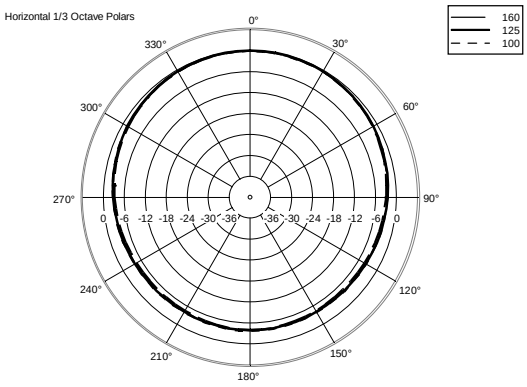

Beamwidth vs. Frequency
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)
Coverage Angle (Deg.)
Frequency (Hz)

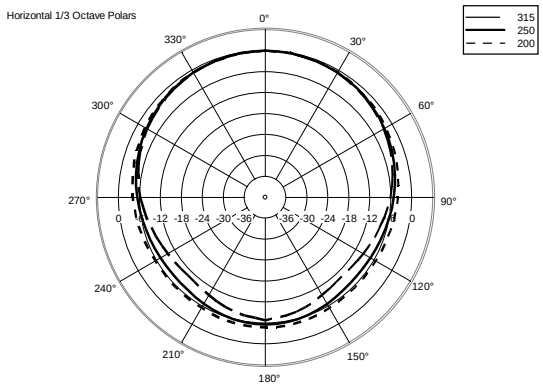

Directivity Index and Q
Total Q
Directivity index DI, dB
Frequency (Hz)

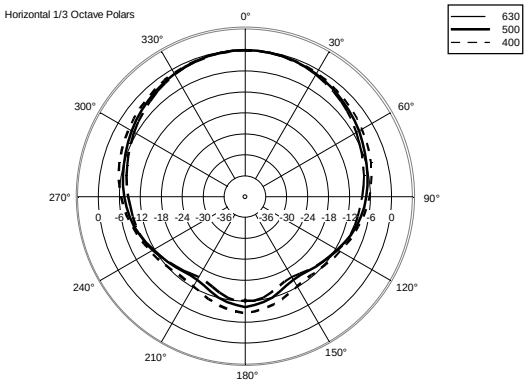

Normalized Horizontal off-axis Response
Attenuation in dB
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees
Frequency (Hz)

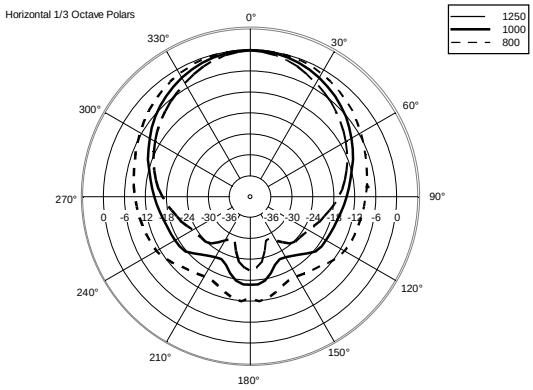

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees
Frequency (Hz)

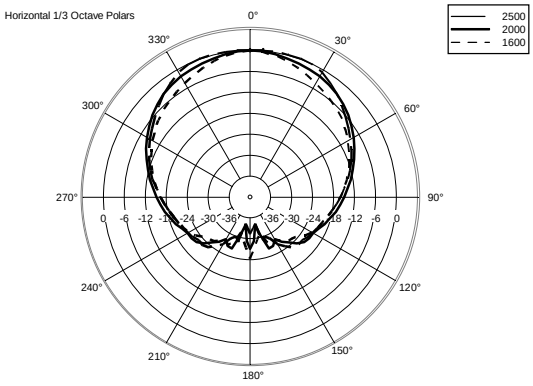

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees
Frequency (Hz)

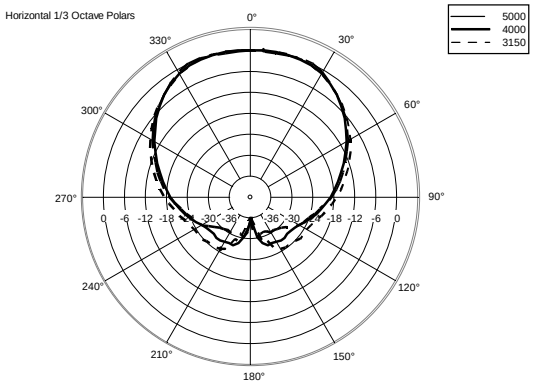

Horizontal 1/3 Octave Polars
160
125
100

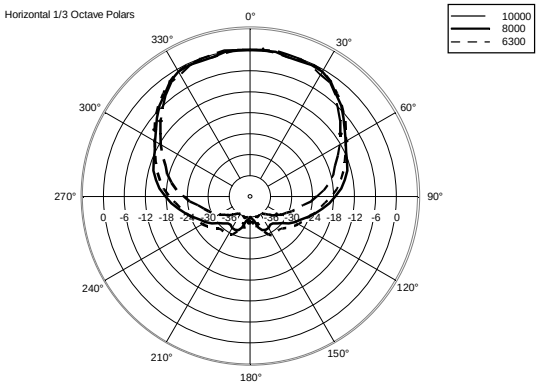

Horizontal 1/3 Octave Polars
315
250
200

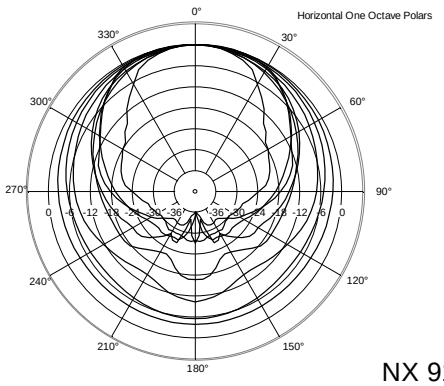

Horizontal 1/3 Octave Polars
630
500
400

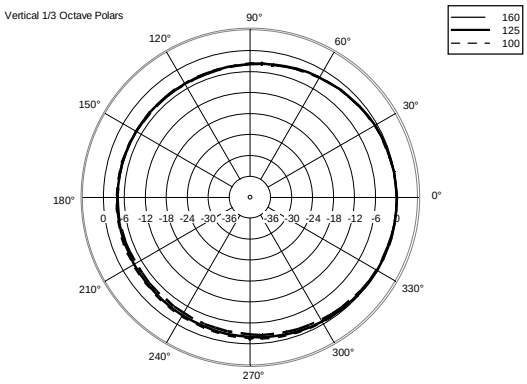

Horizontal 1/3 Octave Polars
1250
1000
800

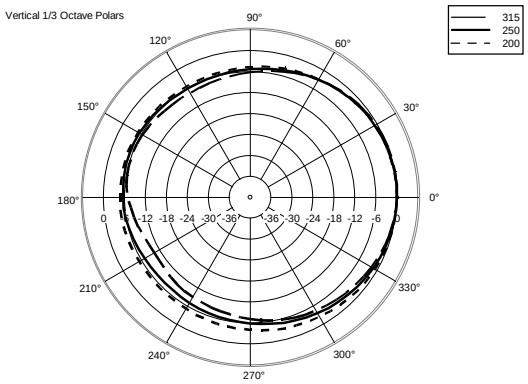

Horizontal 1/3 Octave Polars
2500
2000
1600


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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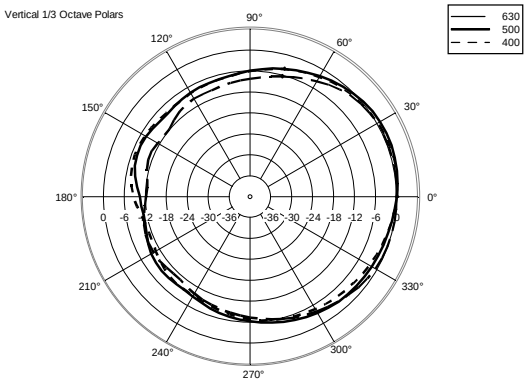
250
200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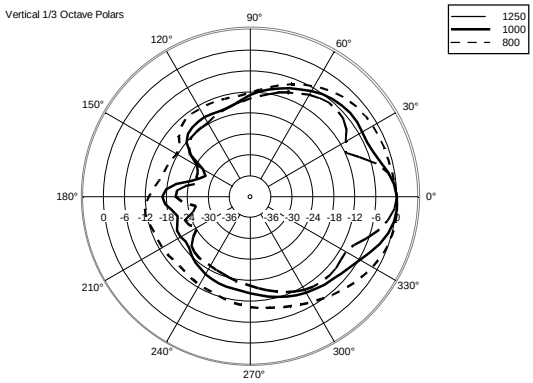
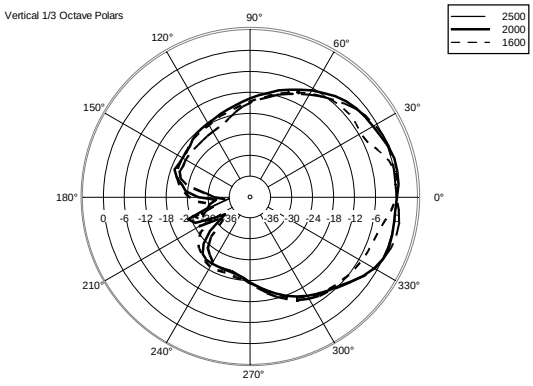

Vertical 1/3 Octave Polars
1250
1000
800


Vertical 1/3 Octave Polars
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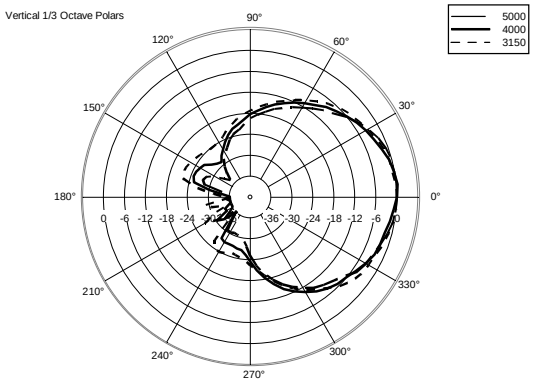
2000
1600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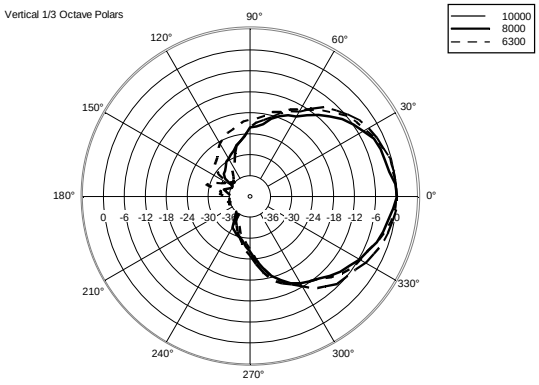
Vertical 1/3 Octave Polars
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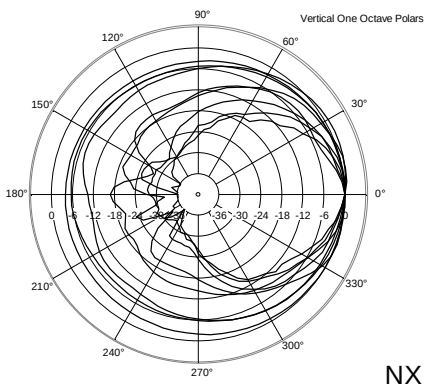
8000
6300


Vertical One Octave Polars

ACCESSORIES

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

POLE MOUNT KIT PM-KIT M20

PART NUMBER **13360067**
EAN: 8024530014599

RAIN PROTECTION RP 001

PART NUMBER **13360515**
EAN: 8024530020460