



LOTO™ COLLECTION

Polyethylene



Concrete



**SCAN OR CLICK TO EXTEND
YOUR GARVAN WARRANTY FOR FREE!**

3 years included, with the option to add
2 extra years at no additional cost

OVERVIEW DESCRIPTION

The Garvan SN120 is a high-performance 360° outdoor loudspeaker from the Loto™ Collection, designed to provide powerful, immersive sound in gardens, terraces, pool areas, and open-air venues. Equipped with a 200 mm full-range driver in a polyethylene or concrete enclosure with stainless steel support and grille, it combines acoustic precision with durability. With its high sensitivity, wide frequency response, and IP-rated weather resistance, the SN120 offers reliable performance and seamless integration for residential, hospitality, and professional outdoor applications.

KEY FEATURES

Full-range outdoor loudspeaker with 1 × 200 mm driver

Power handling: 120 W AES / 240 W continuous

Sensitivity: 93 dB (2.83V/1m and 1W/1m)

Maximum SPL: 126 dB @ 1 m

Frequency response: 61 Hz – 12 kHz (–3 dB)

Extended range: 56 Hz – 15 kHz (–10 dB)

Coverage: true 360° omnidirectional sound dispersion

Construction materials: polyethylene or concrete cabinet with stainless steel support structure and grille

Weather resistant: Designed for long-term use in a wide range of outdoor environments

Operating temperature range : -25 °C to 70 °C (-13 °F to 158 °F)

Installation accessories: dedicated bases and brackets available for versatile ground or surface mounting

Net Weight: 6.9 kg (polyethylene) – 28.0 kg (concrete)

Dimensions: Ø26,0 x 62,2 cm

IP35

Extended warranty: 3+1+1 years with free registration



Installation Type	Outdoor 360° speaker
SINGLE LOUDSPEAKER PERFORMANCE	
AES Power Handling	120 W
Continuous Power Handling ***	240 W
Sensitivity 2,83V / 1m ****	93 dB
Sensitivity 1W/1m ****	93 dB
Calculated Maximum SPL @ 1m*	126 dB
TRANSDUCER	
Type	Full Range
Nominal size	1x 200mm
Nominal Impedance	8Ω
Loudspeaker EQ	Not required, Garvan Preset EQ, Filter and protection available
Recommended High-Pass Filter Protection	60Hz with 48 dB/Oct. High-pass Filter
Frequency Response (-3 dB)	61 Hz – 12 kHz **
Frequency Range (-10 dB)	56 Hz – 15 kHz **
Nominal Coverage Angle (1 KHz - 10 kHz)	360°
Side Coverage (1500Hz - 10kHz)	-0 dB
Rear Coverage (1500Hz - 10kHz)	-0 dB
PHYSICAL	
Cabinet Material	Polyethylene or Concrete
Ground mounting base	AISI 316L stainless steel
Protective grille	AISI 316 stainless steel painted black
ENVIRONMENTAL FEATURES	
Environment of Use	Outdoor environments
Operating Temperature Range *****	-25 °C to 70 °C (-13 °F to 158 °F)
Environmental protection	IP35
Connectors	External multi-wire cable
Net Weight	6.9 kg (polyethylene) – 28.0 kg (concrete)
Product Dimensions	Ø26,0 x 62,2 cm
LOGISTICAL DATA	
Packaging dimensions	
Shipping Weight	
Quantity of products per package	1 to 2 based on logistics optimization per shipment
MAINTENANCE	
Cleaning Method	Microfiber cloth
General precautions	Do not use harsh cleaning products

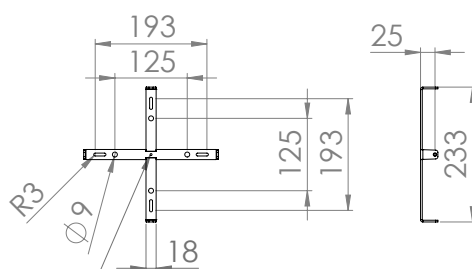
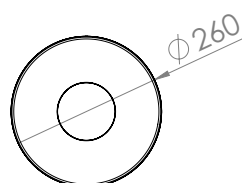
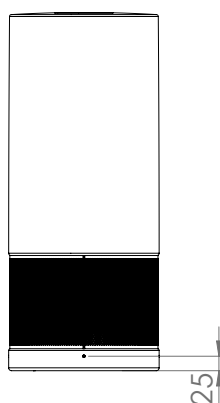
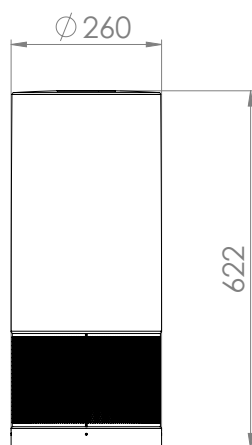
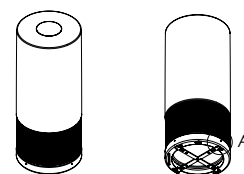
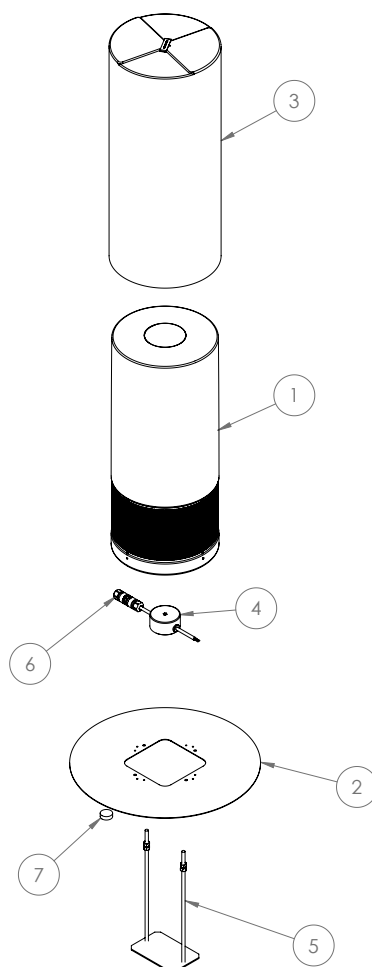
INCLUDED ACCESSORIES	
Ground mounting base	Yes
OPTIONAL ACCESSORIES	
Transformer for high line voltage	TRT055 - 70/100V - 25/37/50W
Transformer for high line voltage	TRT101 - 100V - 100W @4/8Ω
Waterproof 2-pin connector	RP0001
Turf protection plate (Ø 460 mm)	HA046H (matte black) - HA046X (brushed stainless steel)
Ground anti-theft kit	HRX031
Protective Cover	RT001A

CABLE SIZE/LOAD SUGGESTIONS				
Cable size/load	8 ohm	4 ohm	2 ohm	
2 sq mm.	20m / 65ft.	10m / 32ft	5m / 16ft	
2,5 sq mm.	30m / 100ft.	15m / 50ft	7,5m / 25ft	
4 sq mm.	60m / 200ft.	30m / 100ft	15m / 50ft	

NOTES:				
* Maximum SPL calculated from sensitivity and power handling specifications, using a signal with crest factor 4 (12dB), exclusive of power compression.				
** With dedicated preset				
*** Power on Continuous Program is defined as 3 dB greater than the Nominal rating.				
**** average SPL measured from 200 Hz to 1,5 kHz				
***** Valid with the dedicated start-up and maintenance procedure. LED versions have a more limited operating temperature range; see LED specifications.				

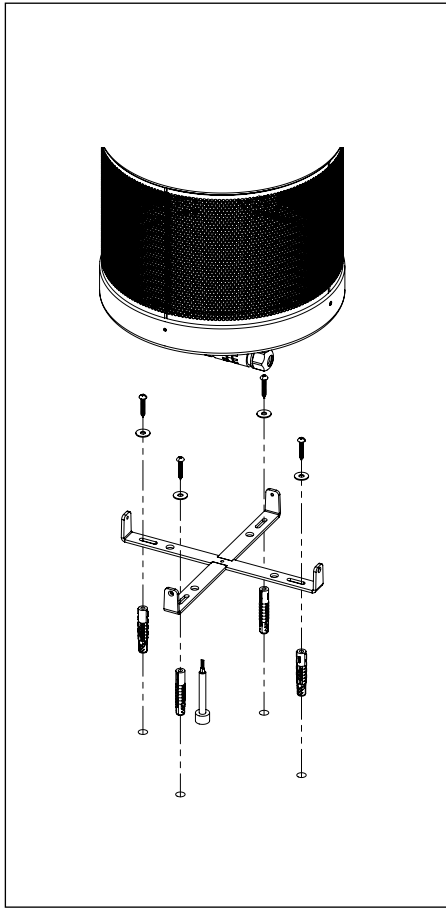
OUTDOOR 360° CODES

- ① 1 Loudspeaker **SN120**
AES POWER **120 W**
TYPE **FULL RANGE**
NOM. SIZE **1X 200 mm**
NOM. IMP. **8Ω**
- ② Turf protection plate **HA046H - HA046X**
- ③ Protective Cover **RT001A**
- ④ Transformer for high line voltage **TRT055 - 70/100V - 25/37/50W**
- ⑤ Ground anti-theft kit **HRX031**
- ⑥ Waterproof 2-pin connector **RP0001**
- ⑦ spacers for freestanding use

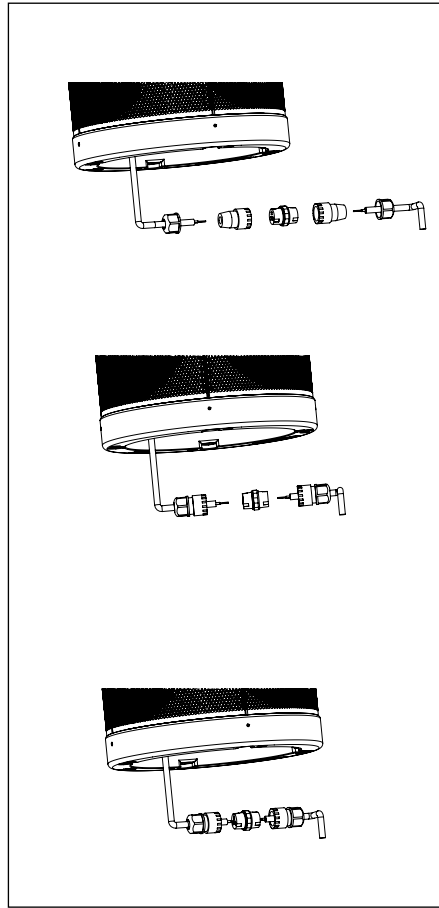


M4 - for fixing 100v line transformer

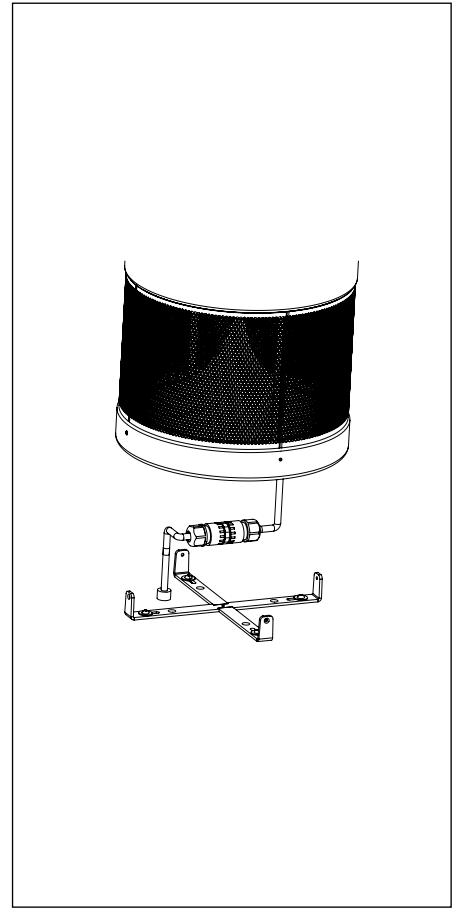
INSTALLATION INSTRUCTIONS **SN120 Outdoor 360°** **Waterproof 2-pin connector RP0001**



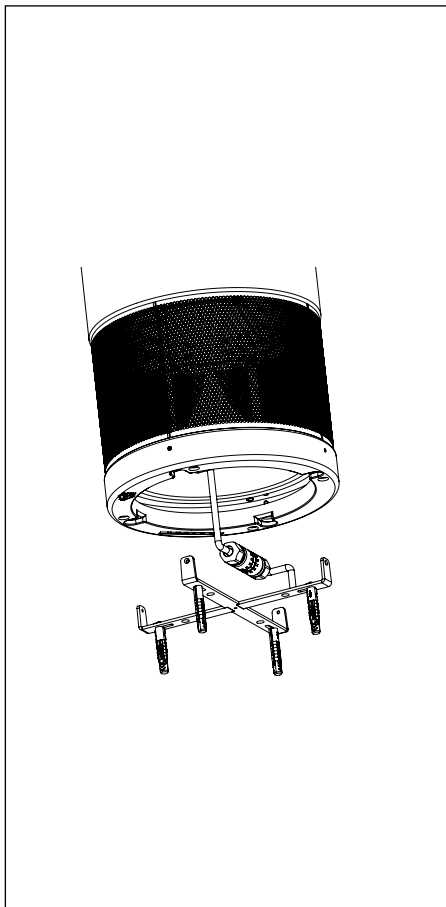
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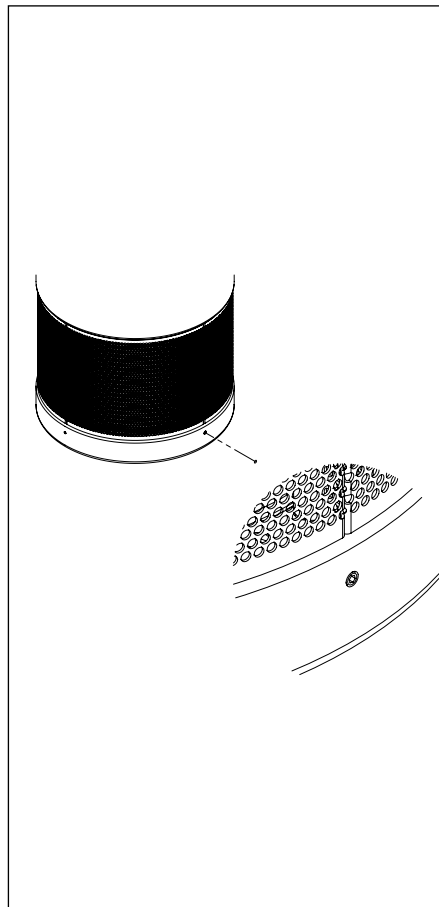
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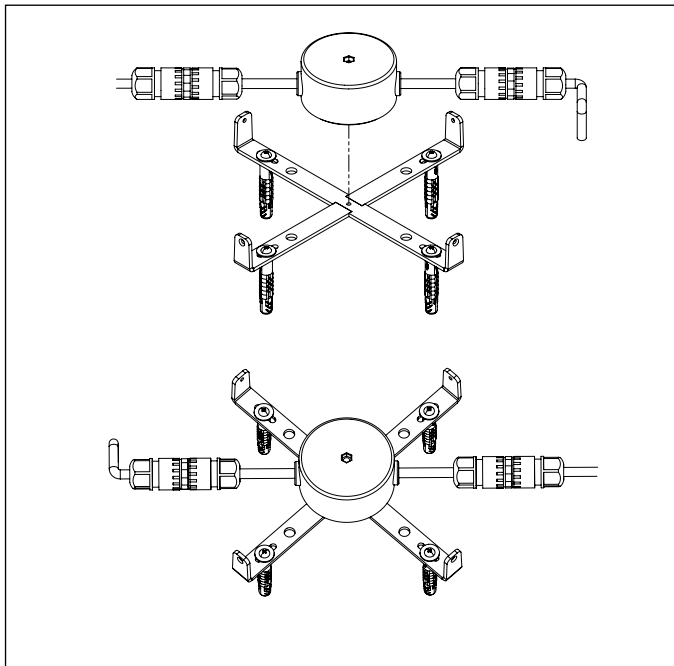


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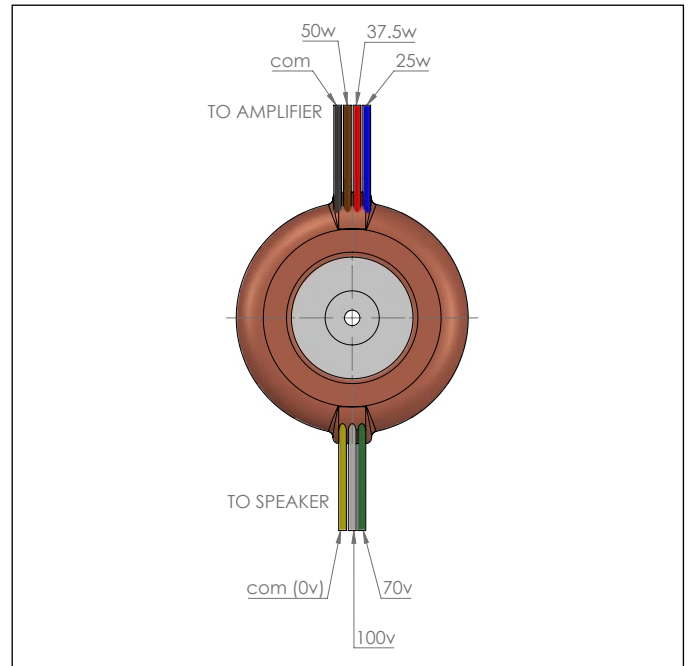


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INSTALLATION INSTRUCTIONS **SN120 Outdoor 360°** **Transformer for high line voltage TRT055 - 70/100V - 25/37/50W**

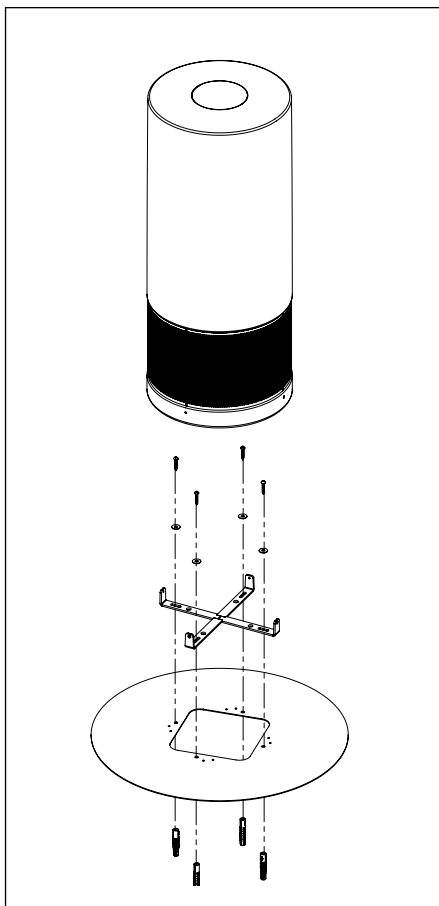


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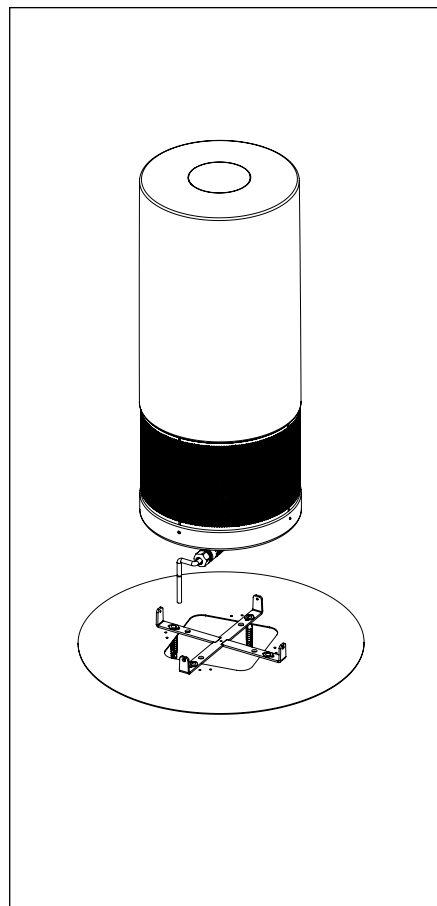


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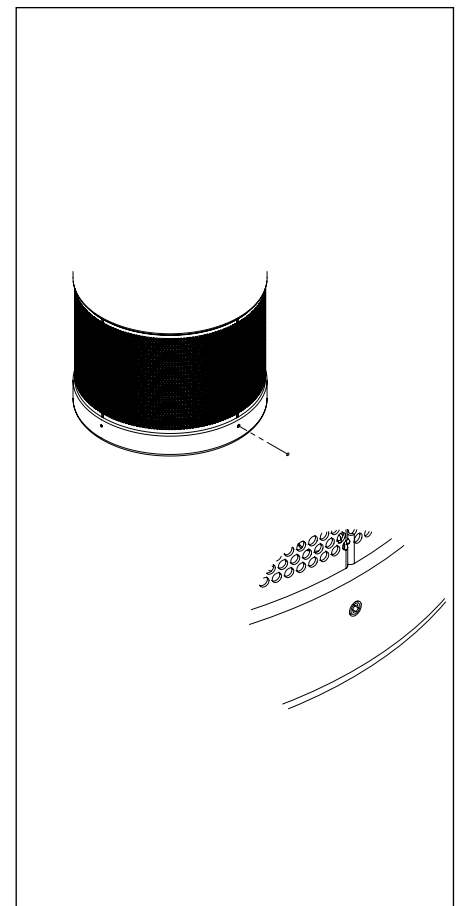
INSTALLATION INSTRUCTIONS **SN120 Outdoor 360°** **Turf protection plate HA046H - HA046X**



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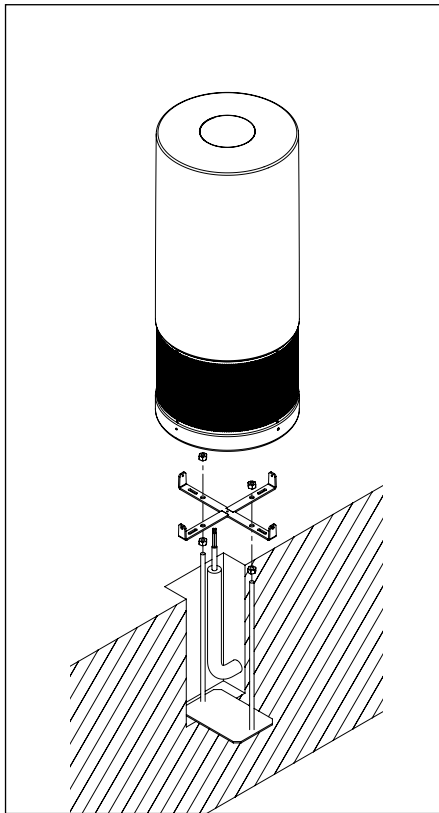


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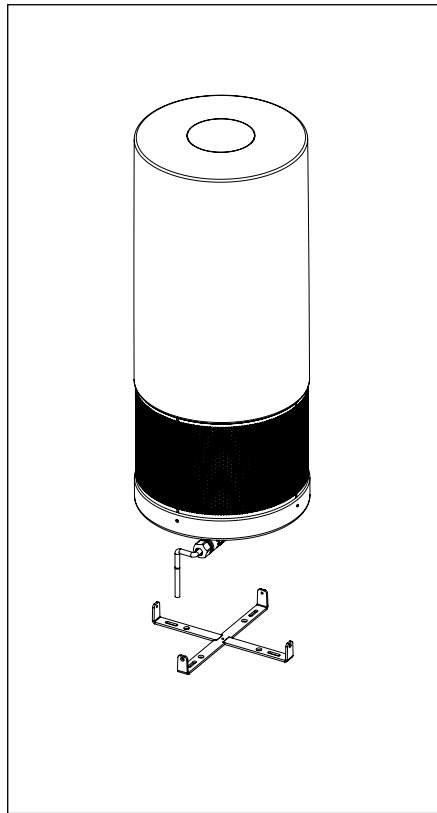


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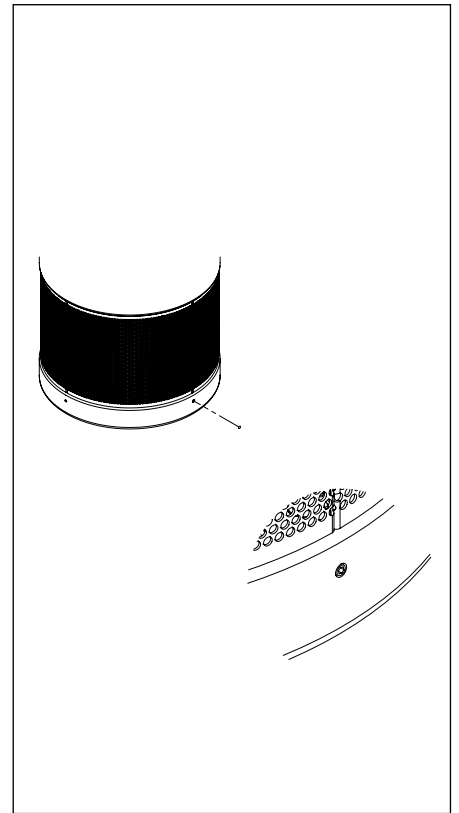
INSTALLATION INSTRUCTIONS **SN120 Outdoor 360°** **Ground anti-theft kit HRX031**



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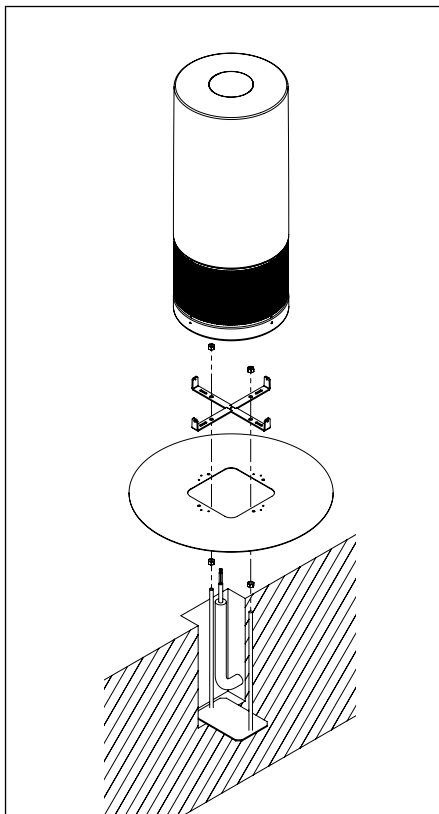


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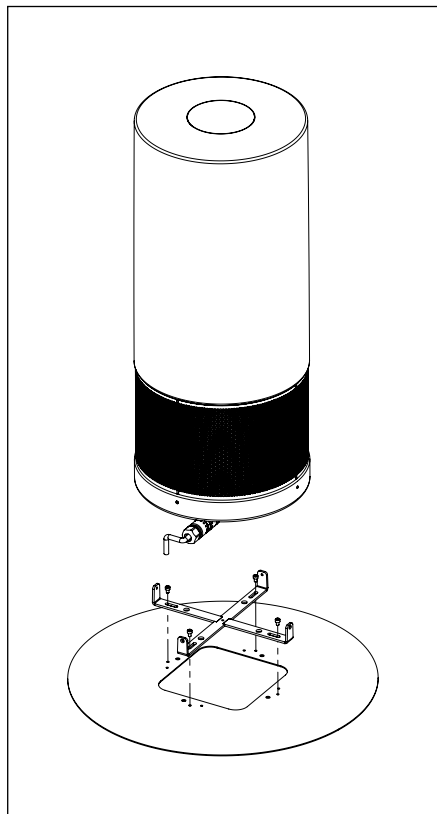


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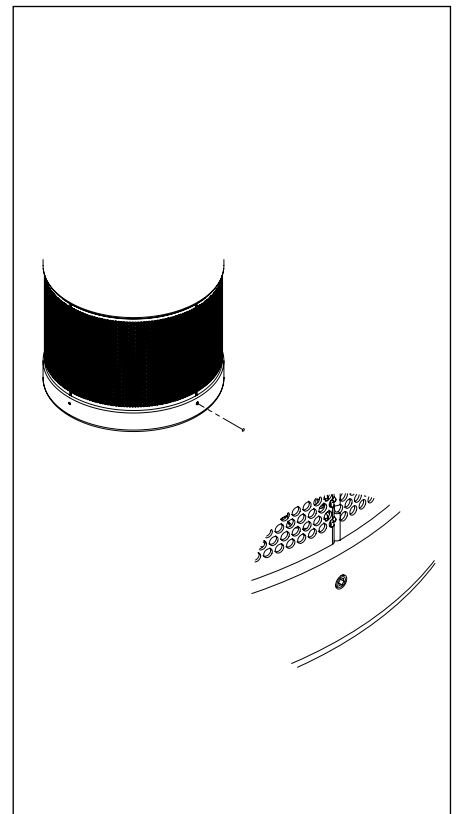
INSTALLATION INSTRUCTIONS **SN120 Outdoor 360°** **Ground anti-theft kit HRX031 + Turf protection plate HA046H - HA046X**



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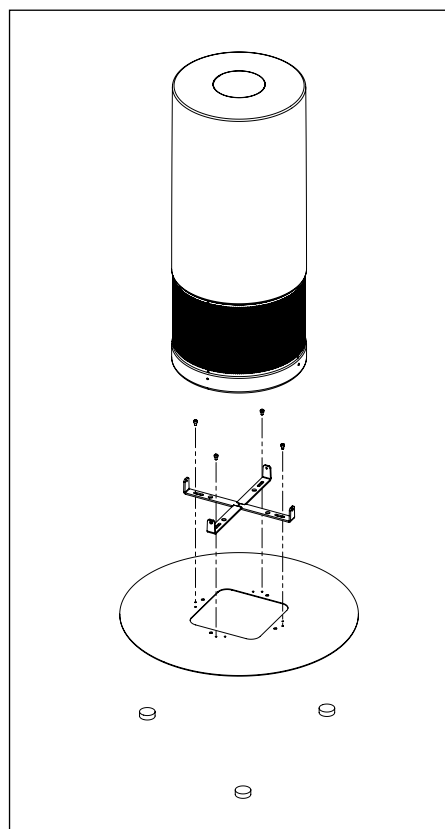


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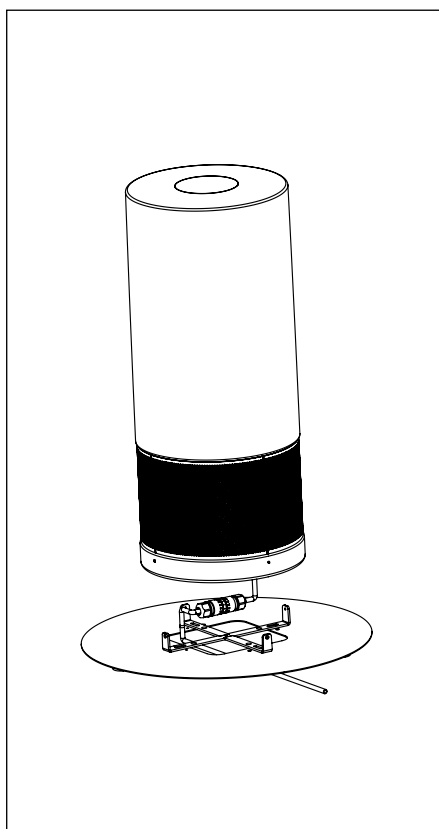


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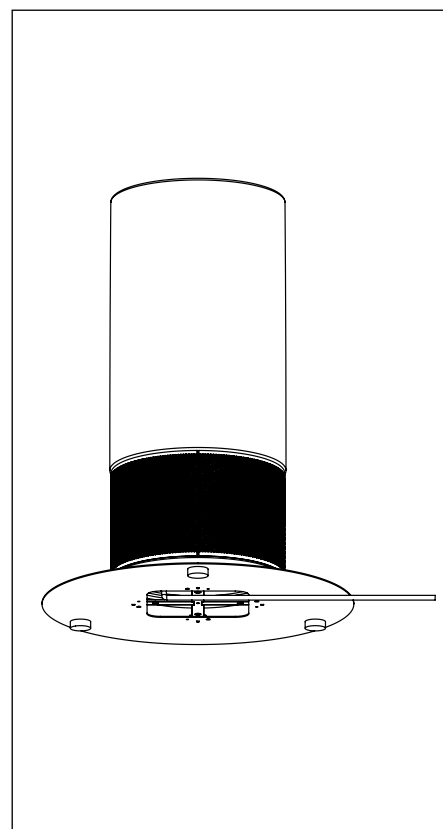
INSTALLATION INSTRUCTIONS **SN120 Outdoor 360°** **Turf protection plate with spacers for freestanding use HA046H - HA046X**



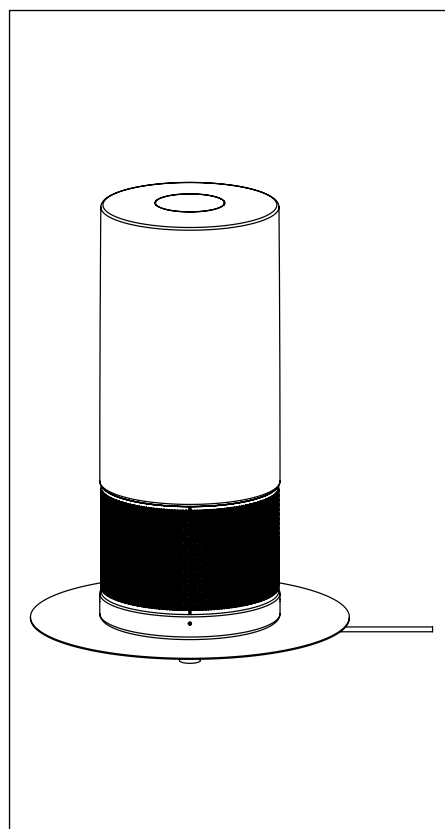
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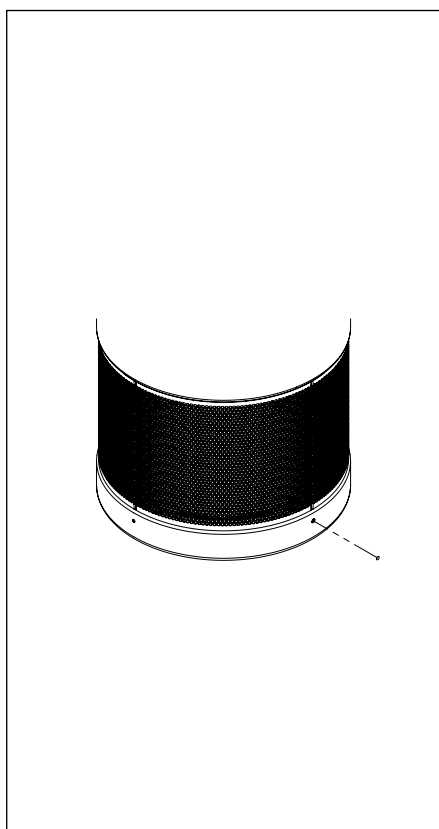
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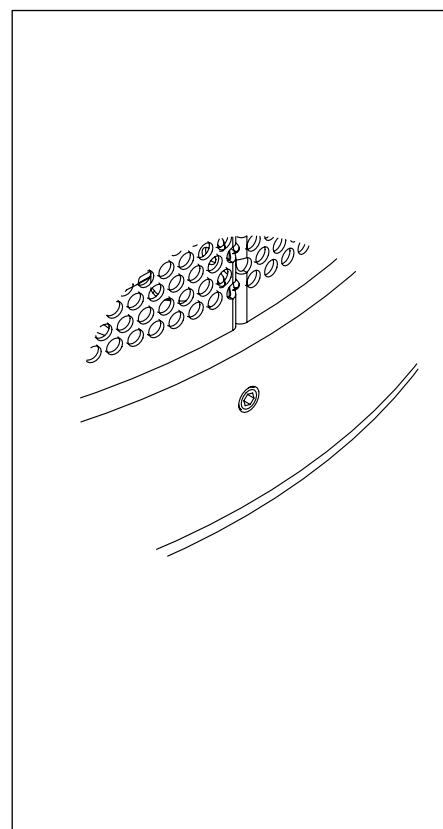
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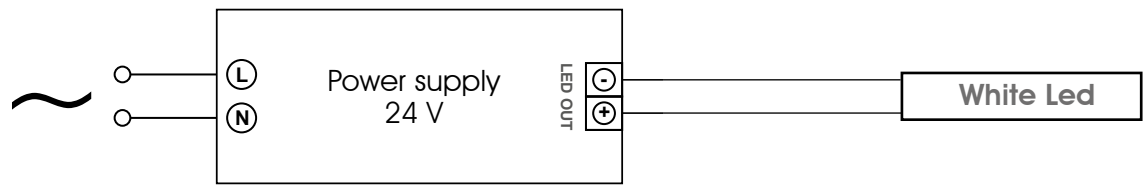
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6

	White LED	RGB LED
Power supply	24 V	24 V
Power	8,5 W	12 W
Dimmable	√	√
Led colour temperature	3000 K	Red - Green - Blue
Emission angle	120°	120°
Operating temperature	-20 °C (min) +45 °C (max)	-20 °C (min) +45 °C (max)

WHITE LED wiring diagram



RGB LED wiring diagram

