PUBLIC ADDRESS / LOUDSPEAKERS / EXPONENTIAL

VULKAN-51ST

100 V LINE TRANSFORMER AND LOW IMPEDANCE EXPONENTIAL SPEAKER



IP66

- High efficiency in transmitting messages or warnings
- Long reach
- For outdoor use
- IP-66 protection against dust and water

+ Info:
https://fonestar.com/VULKAN-51ST

ESPECIALLY RECOMMENDED IN:



Factories



Sports facilities



Hotels



Transport Stations

DESCRIPTION

100 V line transformer and low impedance exponential loudspeaker.

FONESTAR presents the VULKAN range of horn loudspeakers to provide a solution for a wide range of installations where it is required to send the sound signal with maximum efficiency.
The horn loudspeakers of the VULKAN series are suitable for reproducing the frequency range of speech and sending messages over long distances.
Specially constructed with materials that are highly resistant to adverse weather conditions, and a design that gives them an IP-66 degree of protection against the ingress of dust and water. Suitable for outdoor use and marine environments.

This loudspeaker has a selector switch for easy power selection. Features a 100 V line transformer, which facilitates connection in installations with long cable runs and many loudspeakers. It also features connection as a low impedance loudspeaker for direct connection to the amplifier in installations where a long cable run is not necessary.
The diffuser and mount are made of aluminium and are highly resistant to aggressive environments.

For public address applications in open spaces, industrial facilities, sports facilities, car parks, etc.

TECHNICAL CHARACTERISTICS

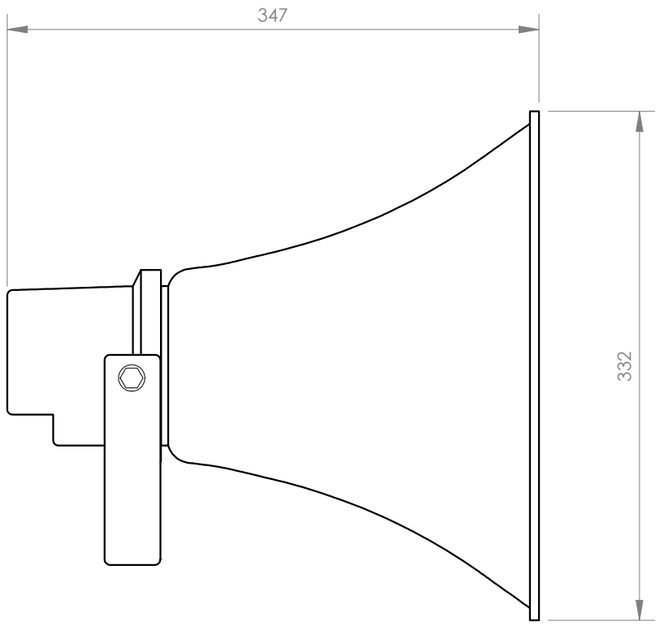
FEATURES	100 V line transformer and low impedance exponential loudspeaker. Prepared for outdoor use with anti-corrosion materials. Protection against water. For long-range message playback.
POWER	50 W RMS
LOUDSPEAKERS	1 x compression driver
RESPONSE	380-6,500 Hz (-10 dB)
IMPEDANCE	50 W RMS@100 V (200 Ohm) 25 W RMS@100 V (400 Ohm) 12.5 W RMS@100 V (800 Ohm) 6.25 W RMS@100 V (1.600 Ohm) Low Z: 16 Ohm
SENSITIVITY	109 dB @ 1 W/1 m

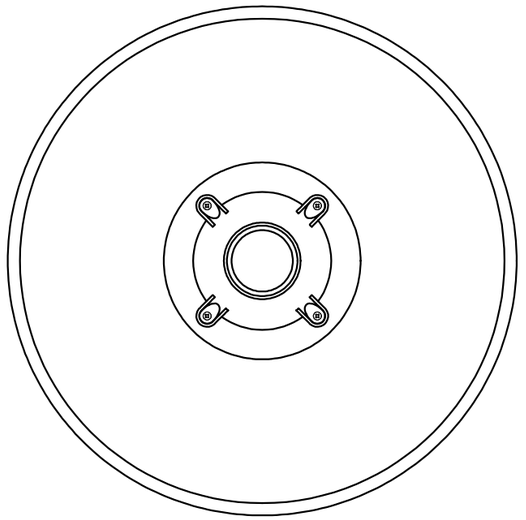


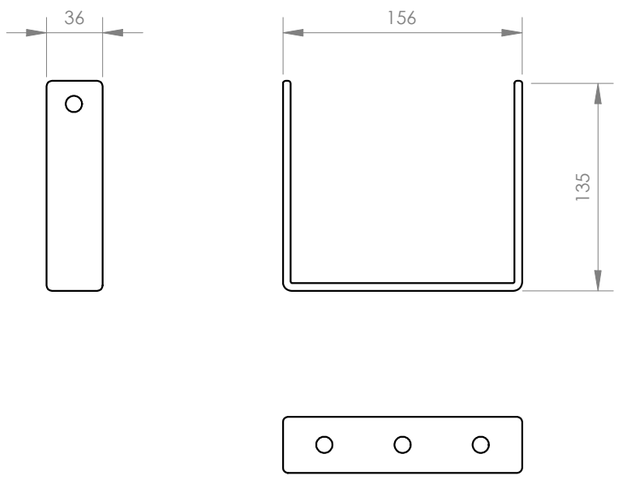
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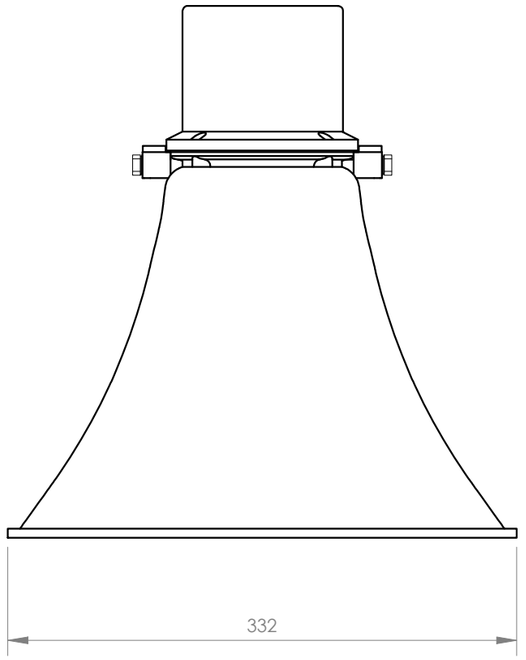
MAXIMUN SOUND PRESSURE	116 dB @ 15 W/1 m
DISPERSION	H/V: 100º/100º@500Hz, 62º/62º@1kHz, 25º/25º@2kHz, 25º/25º@4kHz (-6 dB)
PROTECTIONS	IP-66 in compliance with EN 60529
MATERIAL	Aluminium diffuser ABS rear cover Aluminium mount A2 stainless steel screws
SWITCH	High Z and low Z selector
CONNECTION	30 cm cable with stripped ends
TEMPERATURE RANGE	Operation: -25ºC ~ +55ºC Storage: -40ºC ~ +70ºC
HUMIDITY	<95%
COLOUR	White (RAL 7035)
DIMENSIONS	325 x 325 x 350 mm depth
WEIGHT	2.6 kg

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FONESTAR	Model VULKAN-51ST	Description 100 V LINE TRANSFORMER AND LOW IMPEDANCE EXPONENTIAL SPEAKER	Units mm	Scale 1:4