

STExL2F PA Loudspeakers 25W

The STExL2F is a high output, 119dB(A) PA loudspeaker with a re-entrant flare horn. The high output driver in a robust IP66 corrosion proof 316L stainless steel enclosure ensures suitability for all Zone 1, 2, 21 & 22 applications.

Available with 70 or 100V line transformer or as low impedance versions, all models have triple cable entries, and large termination areas.

The termination chamber and cover feature a threaded flameproof joint simplifying both installation and routine maintenance.

Features

- Robust corrosion proof 316L stainless steel enclosure
- High output, up to 119dB(A) @ 25W
- Low impedance or line transformer versions
- Continuously rated
- Compact form factor
- Stainless steel fixings
- Ratchet adjustable 316 stainless steel bracket
- 316 Stainless steel stopping plugs included
- 3 x cable entries

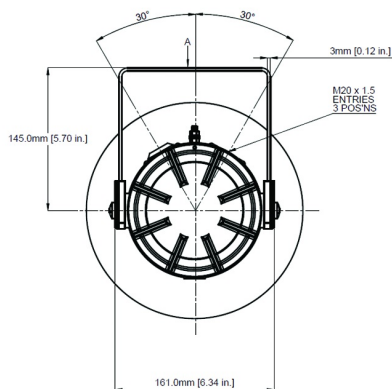
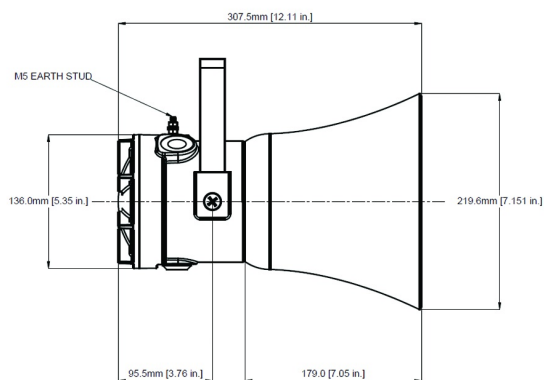
Approvals

- IECEx ULD 16.0017X
- ATEX DEMKO 16 ATEX 1466X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01252_21
- PESO CCOE certified: P622994

Coding

- Ex db IIC Gb T6 Ta -50°C to +45°C
- Ex db IIC Gb T5 Ta -50°C to +60°C
- Ex db IIC Gb T4 Ta -50°C to +70°C
- Ex tb IIIC Db T105°C Ta -50°C to +70°C





Specification

SPL: 105dB +/-3dB @ 1w @ 1m (Pink)
119dB +/-3dB @ 25w @ 1m (Rated)

Rated power: 25 Watts RMS

70v line tapings: 25w / 12.5w / 6w / 2w tapings
(z=196 Ohms /392 Ohms /
816.67 Ohms / 2.45k Ohms)

100v line tapings: 25w / 12.5w / 6w / 2w tapings
(z=400 Ohms /800 Ohms /
1.67k Ohms / 5k Ohms)

Low impedance: 8 Ohm or 16 Ohm

Dispersion: 130° @ 1kHz & 32° @ 4kHz

Frequency range: 300Hz to 8000 Hz

DC Line monitoring: 2.2µF Capacitor (Transformer)
470µF Capacitor (Impedance)

Ingress protection: EN60529: IP66/67

Enclosure material: 316L Stainless Steel

Enclosure finish: Chromated & powder coated
ISO 12944-6 CX, C5VH & C5H

Colour: Red (RAL3000)

Cable entries: 3 x M20 x 1.5mm

Terminals: 0.5 - 2.5mm² (20-14 AWG)

Enclosure volume: <2 litres

Grounding stud: M5

Operating temp: -50 to +70°C [-58° to +158°F]

Relative humidity: 99%

MTBF V100/V070: 630.69 years / 5,524,861 hours - MIL 217

MTBF R008/R016: 830.22 years / 7,272,727 hours - MIL 217

Weight: 6.25kg/13.75lbs

Part Codes

Version: Part code: _____
Product type: STExL2

Horn type: F Flare re-entrant horn

Type: V100 100V Line Transformer
V070 70V Line Transformer
R008 8 Ohm Low impedance
R016 16 Ohm Low impedance

Cable Entry Type: A 3 x M20x1.5mm
[e] B 2 x 1/2" NPT - adaptors
C 2 x 3/4" NPT - adaptors
D 2 x M25x1.5mm - adaptors
E 1 x 1/2" NPT - adaptor
F 1 x 3/4" NPT - adaptor
G 1 x M25x1.5mm - adaptor

Adaptor/Stopping B Brass
plug material: [m] N Nickel Plated
S Stainless Steel (standard)

Bracket material: 1 A4 316 Stainless Steel
[s] 3 A4 316 St/St with Equip. Tag

Product version: [v]A IECEx & ATEX Group II 2G/D Zone 1, 2, 21 & 22

Product option: [o] 1 Standard product

Enclosure colour: R Red
[x]

Accessories: SP65-0001-A4 Pole Mount Bracket Kit St/St A4 (316)
SP65-0003-A4 Sunshade - St/St A4 (316)