

# 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

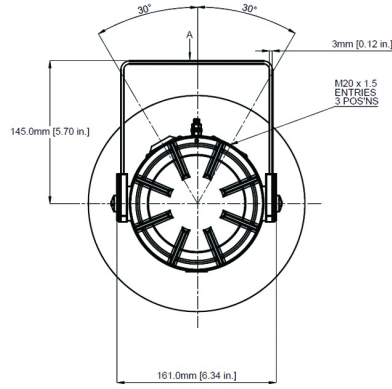
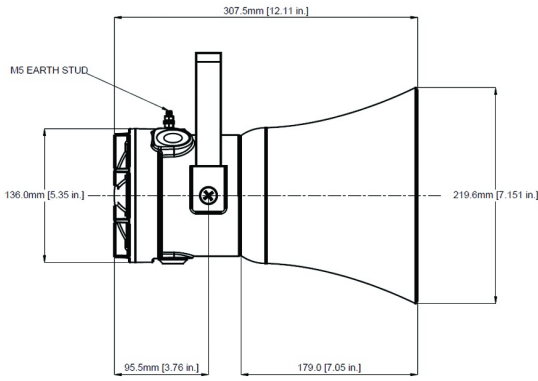
## Approvals

- IECEX ULD 16.0017X
- ATEX DEMKO 16 ATEX 1466X
- TR-CU Ex EAC certificate: RU C-GB.HA65.B.01252\_21

## 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
Colour:	Red (RAL3000)
Cable entries:	3 x M20 x 1.5mm
Terminals:	0.5 - 2.5mm <sup>2</sup> (20-14 AWG)
Enclosure volume:	<2 litres
Grounding stud:	M5
Operating temp:	-50 to +70°C [-58° to +158°F]
Relative humidity:	95% - Additional tropicalisation is recommended for applications where both high relative humidity and high ambient temperatures exist
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 plug material: [m]	B	Brass
	N	Nickel Plated
	S	Stainless Steel (standard)
Bracket material: [s]	1	A4 316 Stainless Steel
	3	A4 316 St/St with Equip. Tag
Product version: [v]A1	IECEX & ATEX Group II 2G/D Zone 1, 2, 21 & 22	
Enclosure colour: [x]	R	Red RAL3000
Accessories:	SP65-0001-A4	Pole Mount Bracket Kit St/St A4 (316)
	SP65-0003-A4	Sunshade - St/St A4 (316)