

# STEG

Italy

The Future Is Here  
All New SPL Series



GT Trading



## Technical Specifications

Impedance	Ohm	2 X 2 Ohms
Voice coil Diameter	Ø	76 mm
Linear Excursion (p-p)	Xmaxx	33 mm
Mechanical Excursion Xmech (p-p)	Xmech	48 mm
Cone Area	SD	510 cm <sup>2</sup>
Moving Mass	Mms	132 g
DC Resistance	Re	2 x 1.8 Ohms
Resonance Frequency	Fs	35 Hz
Mechanical Q-Factor	QMS	3,970
Electrical Q-Factor	Qes	0,940
Total Q-Factor	Qts	0,760
Equivalent Air Volume	Vas	13,847 L
VC Inductance	Le	1,3 mH
Flux Density	BL	22 N/A
Efficiency 1W/1m	SPL	85 dB

## Design

- Double suspension system for extremely high control of cone movement on low frequencies
- Stitched surround/cone joint
- FEA optimized motor
- Shipping Wight
- 4-layer Copper wind voice coil
- Special designed basket to allow high cone travel
- Carbon gloss dustcap
- Direct cable/tinsel lead system for high power handling with very low power loss
- Suited for ported and sealed

## Dimensions & Weight

External Diameter	328 mm
Mounting Diameter	288 mm
Mounting Depth	245 mm
Shipping Weight	18.2 Kg

## Enclosure suggestions

Ported Box	<b>Low Bass</b>
Vented Volume	65 Liter
Port Diameter	10 mm
Port Area	80 cm <sup>3</sup>
Port Length	26 cm
Tuning Freq. (Fb)	32 Hz
-3 dB Rolloff (F3)	29 Hz
Ported Box	<b>SPL Bass</b>
Vented Volume	52 Liter
Port Diameter	100 mm
Port Area	80 cm <sup>3</sup>
Port Length	24
Tuning Freq. (Fb)	36
-3 dB Rolloff (F3)	34

**ST12D-2D**  
2000 WATTS RMS  
4000 WATTS MAX.