

# TS-10W300/8A

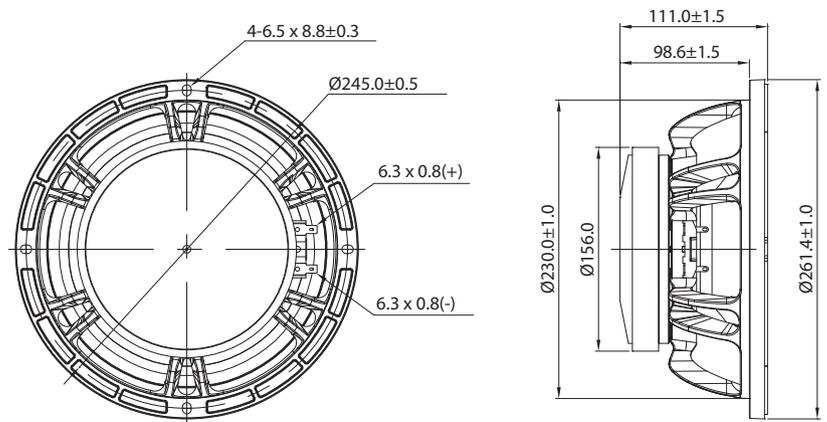
300 Watt 10" Low Frequency Loudspeaker for PA Applications



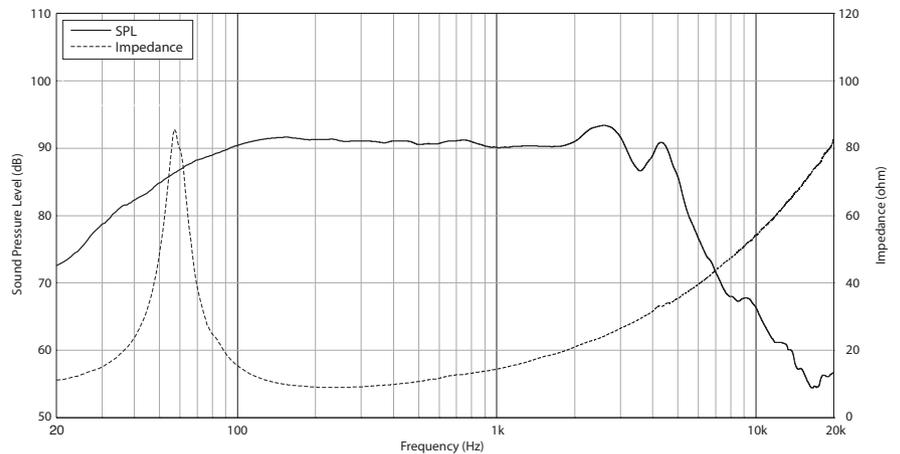
## Features

- 10" high-power woofer for PA applications
- Continuous power: 300 Watts RMS
- Maximum power: 1,200 Watts Peak
- Impedance: 8 Ohms
- Frequency range: 53 Hz - 4 kHz
- SPL: 93 dB (1 W / 1 m)
- Rigid aluminum die-cast frame
- Mounting hole diameter: 245 mm (9.65")
- Shipment weight: 5.1 kg (11.2 lbs) and Net weight: 4.5 kg (9.9 lbs)
- Overall diameter: 261 mm (10.28")
- 3-Year Warranty Program\*
- Designed and engineered in England

## Dimensional Diagrams



## Frequency Charts



\*Warranty details can be found at [musictribe.com](http://musictribe.com).

# TS-10W300/8A

300 Watt 10" Low Frequency Loudspeaker  
for PA Applications

## General Specification

Loudspeaker diameter	261 mm / 10"
Impedance	8 $\Omega$
Continuous power rating <sub>1</sub>	300 W
Peak power rating <sub>2</sub>	1200 W
Sensitivity	93 dB ( $\pm 3$ dB, 1 W / 1 m)
Frequency range	Fo ~4 kHz (-10 dB)
Magnet size	156 mm
Voice coil diameter	65.5 mm / 2.5"
Bobbin material	Glass fiber SV
Wire type	PISV wire
Winding height	17 mm
Layers	2
Cone body	Paper
Cone surround	Cloth
Item part number	H77-00002-31669

### Notes to Specification

1 Pink noise with 6 dB crest factor for 2 hours

2 Peak power is defined as continuous power +6 dB

## Thiele & Small Parameters

Resonance frequency (Fs)	53 Hz
DC resistance (Re)	7.8 $\Omega$
Mechanical Q factor (Qms)	7.45
Electrical Q factor (Qes)	0.44
Total Q factor (Qts)	0.41
Mechanical moving mass (Mms)	47.8 g
Mechanical compliance (Cms)	0.19 Mm/N
Force factor (Bl)	16.9
Equivalent acoustic volume (Vas)	31.6 l
Maximum linear displacement (Xmax)	3.4 Mm
Diaphragm area (Sd)	346 Sq cm
Voice coil inductance @ 1 kHz (Le)	0.8 mH

## Shipping Information

Net weight	4.5 kg / 9.9 lbs
Shipping weight	5.1 kg (11.2 lbs)

## Application

This loudspeaker is exclusively meant for the reproduction of audio signals according to instructions and specifications given in this manual. We're not liable for any damage caused by unintended use.