



DS18 PRO-FU12.4 Mid Range Loudspeaker Owner's Manual

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DS18 PRO-FU12.4 Mid Range Loudspeaker



Product Information

- **Product Name:** PRO-FU12.4
- **Type:** 12" Mid-High Loudspeaker
- **Model Number:** PRO-FU12.4

Dimensions:

- **Diameter:** 12.4" / 316mm
- **Height:** 5.39" / 137mm
- **Width:** 4.92" / 125mm
- **Depth:** 11.2" / 285mm

SPL vs Frequency:

Frequency (Hz)	SPL
20	—
50	—
100	—
200	—
500	—
1K	—
2K	—
5K	—
10K	—
20K	—

Motor: [Motor specifications not provided]

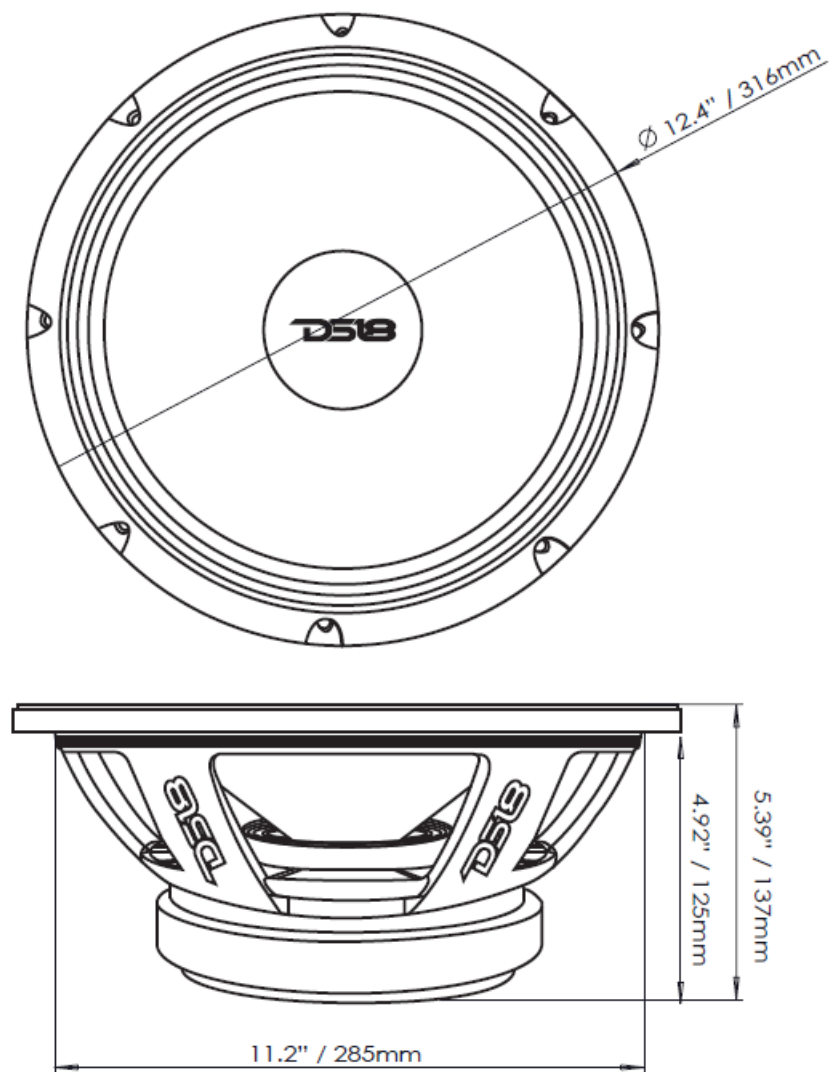
Product Usage Instructions

1. Ensure that the PRO-FU12.4 loudspeaker is placed in a suitable location, providing enough space for proper sound dispersion.
2. Connect the loudspeaker to the appropriate audio source using compatible cables.
3. Power on the audio source and adjust the volume to a comfortable level.
4. If available, refer to the SPL vs Frequency chart to optimize the sound output by adjusting the equalizer settings of the audio source.
5. Enjoy the loud and high-quality sound produced by the PRO-FU12.4 loudspeaker.

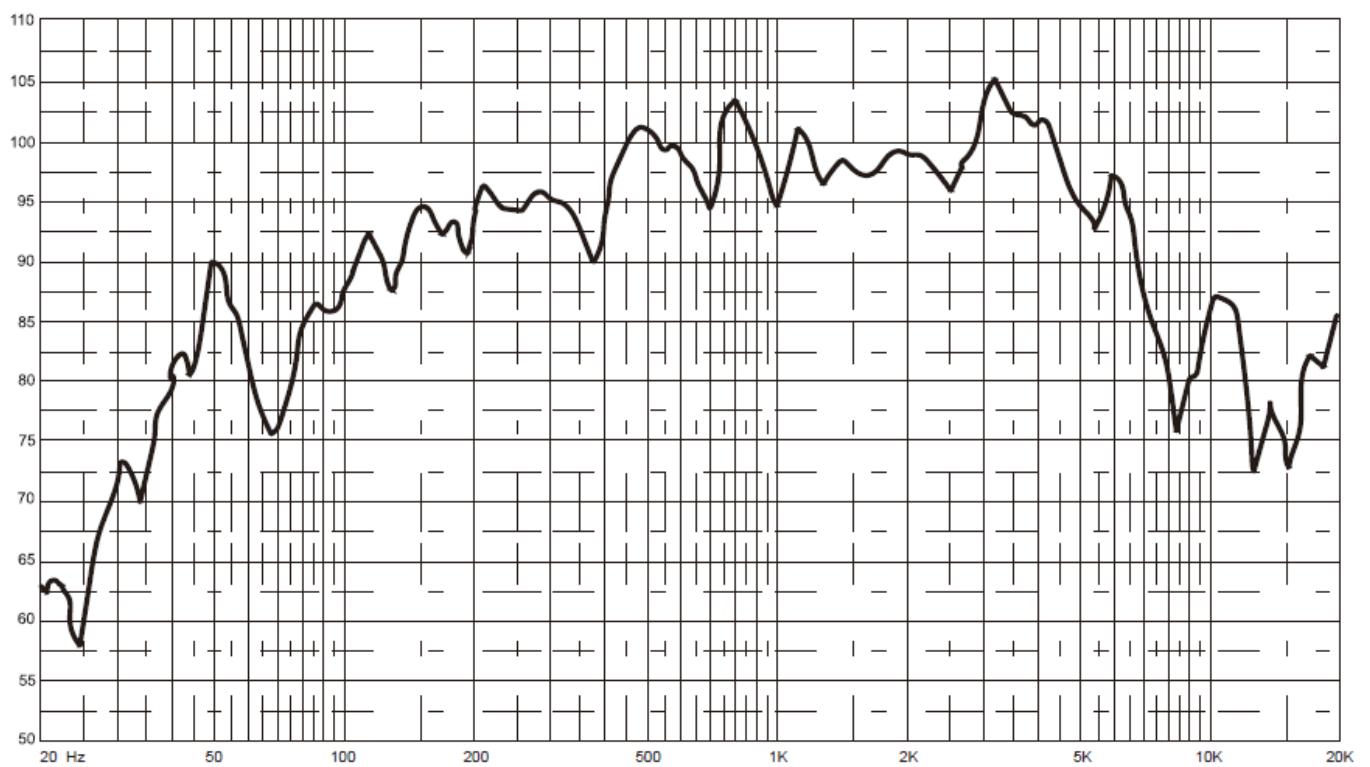
For more detailed information and support, please visit ds18.com.

Note: These instructions are a general guideline. For specific instructions on installation, maintenance, and troubleshooting, please refer to the complete user manual.

Dimension



SPL vs Frequency



SPECIFICATIONS

- Nominal Diameter12"
- Nominal Impedance 4 Ohms
- RMS Power Handling600W
- MAX Power Handling1200W
- Sensitivity (1w/1m) 97.7dB
- Frequency Response57Hz-10KHz
- Recommended Hi Pass Crossover80Hz
- Pair or SingleSingle

MOTOR

- Voice Coil Diameter3" / 76.2mm
- Voice Coil Former Material Fiber Glass
- Winding Material CCA
- Cone MaterialNon-Pressed Paper
- Dust Cap Material Paper
- Surround Material Cloth
- Basket MaterialAluminum
- Basket Color Matte Black
- Magnet MaterialFerrite
- Magnet Weight100 oz

THIELE & SMALL PARAMETERS

- Equivalent VolumeVas 51.705L
- Excursion (one way)Xmax 20 mm
- Free Air ResonanceFs 64.7Hz
- Mechanical FactorQms2.608
- Electrical FactorQes.....0.365
- Total Factor
 - Qts.....0.32
- Mechanical MassMms44.781g
- Mechanical ComplianceCms.....135.1mm/N
- BL FactorBL
 - 11.819
- Voice Coil InductanceLe0.1188mH
- Cone AreaSd519
 - cm²
- DC ResistanceRe 2.8 ohm
- Mechanical Mass w/o airMmd.....15.471g
- Efficiency Bandwidth Product
 -Ebp.....177.2

MEASUREMENTS

- Overall Diameter12.4"/316mm
- Overall Depth5.39"/137mm
- Front Mount Baffle Cutout11.2"/285mm
- Mounting Depth4.92"/125mm
- Motor Diameter7.4"/190mm

FOR MORE INFORMATION PLEASE VISIT
DS18.COM.

Documents / Resources

	DS18 PRO-FU12.4 Mid Range Loudspeaker [pdf] Owner's Manual PRO-FU12.4 Mid Range Loudspeaker, PRO-FU12.4, Mid Range Loudspeaker, Range Loudspeaker, Loudspeaker
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References

- [Official DS18 Pro Audio Store - Speakers, Subwoofers, Amps & More!](#)