



Morel introduces the Slim Woofer line

Shallow mount mid bass & subwoofer

Introduction

The proliferation of flat screen displays and TV's has started an OEM race to create a matching thin-depth home theater audio system. It seems that many OEM's have traded true quality hi-fi sound performance with size. The fact is that big and deep speakers are prerequisite for a high performance sound system especially as we approach the low end. Morel raised to the challenge with a new Slim woofer line that will appeal to OEM manufactures seeking a slim design with quality hi-fi sound performance.

Slim Line Features

- Large Hexatech™ aluminum voice coil
- Optional titanium bobbin (former)
- Shallow profile cone (optional materials: DPC, Carbon fibre etc).
- Re-engineered powerful magnet system (optional; Double magnet motor, Hybrid etc.)
- High power handling

Slim Design- Hi-End sound

Morel set its target to shrink the driver's depth without compromising its sonic characteristics. The new slim line is based on the highly acclaimed Morel Classic woofer series. Morel revisited the classic design taking advantage of the shallow profile cone common to all Morel woofers. Combined with large voice coil technology and re-engineered magnetic system, makes for an optimal balance between size and Hi-Fi sound.





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You Can Customize

The Slim woofer line offers OEM's a highly customizable platform. For improved performance, in small volume enclosures, OEM's may integrate a Titanium voice coil.

Morel controls every aspect of its in-house design, development, and highly efficient production. It offers small batches of custom made drivers, at a short sample time. Its vast experience in material technology and production processes coupled with a wide range of on-hand parts, all under one roof – make OEM's custom driver only a small step away.

Options

1. Hybrid Neo/Ferrite or Double Neo Magnet system
2. Titanium VC Bobbin
3. Copper Sleeve
4. Carbon Cone

Model	Description	Sensitivity 2.83V/1M	Xmax	Qts	Fs Hz	Vas Lit	Options*	Size
MSW 114	4" slim woofer	87dB	± 3.0mm	0.35	69	4.5	1,2,3,4	Ø118mm(4.64") x 46mm(1.81")
MSW 144	5" slim woofer	88 dB	± 3.5mm	0.36	45	12.3	1,2,3,4	Ø 142mm(5.5") x 52mm(2.04")
MSW 168	6" slim woofer	88 dB	± 3.5mm	0.41	44	16.0	1,2,3,4	Ø160mm(6.3") x 56mm(2.20")
MSW 265	9" slim woofer	90 dB	± 3.5mm	0.44	30	88.6	1,2,3,4	Ø222mm(8.74") x 60mm(2.70")

*The indicated parameters refer to the standard version without options as follow: DPC cone ,Double Magnet Ferrite, Aluminum voice coil Bobbin, 8 Ohm

* Morel operates a policy of continuous products design improvement, consequently specifications are subject to alteration without prior notice

Options* 1)Hybrid Neo/Ferrite or Double Neo Magnet system 2)Titanium VC Bobbin 3)Copper Sleeve 4)Carbon Cone

About Morel

It is an international leader in speaker components and systems since 1975. With in-house manufacturing experience and know how, Morel handcrafts award-winning speakers and audio drivers for the mid to high end OEM, home and car audio markets. It is considered one of the finest driver providers in the world.