



INNER EXCELLENCE.
TRUE MUSIC.



ECAP POWER 1.5FARAD

INNER EXCELLENCE. TRUE MUSIC.

用于汽车放大器的Ecap电源，Mundorf PowerCaps保证了直接在放大器上稳定的电压。

因此，我们的存储电容器为最高功率脉冲电流进行了优化，确保在决定性时刻提供额外的功率。其结果是强大而精确的低音和辉煌而开放的声音特性。

安装应该只由专家进行。此外，汽车电气系统的任何后续工作都必须极其谨慎地进行（以防有短路的风险）。

ECAP POWER FOR CAR AMPS

Mundorf PowerCaps guarantee stabilized voltage directly at the amp.

Consequently optimized for highest power pulse currents, our storage capacitors ensure extra power at the decisive moment. The result is a powerful and precise bass and a brilliant, open sound characteristics.

The installation should be performed by an expert only. Also any follow-up works at the car's electrical system have to be performed with utmost caution (danger of short circuit).

产品技术规格 TECHNICAL SPECIFICATIONS

产品型号 Item NO.	SET.MPC1500
容量 Capacit	1500000 μ F -10/+30 %
介电强度 Dielectric Strength	18伏直流电
产品尺寸 Dimensions	\varnothing 75 x H 225 mm
连接器 Connectors	M5 Pitch 31,7 mm
温度范围 Temperature range	-40°C/-40°F...+85°C/+185°F
导体材质 Conductor Material	铝箔材料
绕线技术 Winding technology	标准规格



M POWER SUPPLY

INNER EXCELLENCE. TRUE MUSIC.

用于汽车扬声器的ECAP电源。储能电容器是每个高级汽车音响的基本设备。因为没有有一个音响系统比它的电源更好!

安装应该只由专家进行。此外，汽车电气系统的任何后续工作都必须极其谨慎地进行（以防有短路的风险）。

Mundorf HeadCaps解决了几乎所有由电压问题引起的汽车接收器问题，例如：

- 显示器闪动
- 在启动/停止过程中丢失导航数据

ECAP POWER FOR CAR RADIOS

Storage capacitors are basic equipment for every high class car stereo. Because no audio system is better than its power supply!

The installation should be performed by an expert only. Also any follow-up works at the car's electrical system have to be performed with utmost caution (danger of short circuit). Mundorf HeadCaps solving almost every car receiver problem caused by voltage issues, like:

- Flickering monitors
- Losing navigation data while start/stop processes

产品技术规格 TECHNICAL SPECIFICATIONS

产品型号 Item NO. MPC68I

容量 Capacit 68000 μ F \pm 20 %

介电强度 Dielectric Strength 25伏直流电

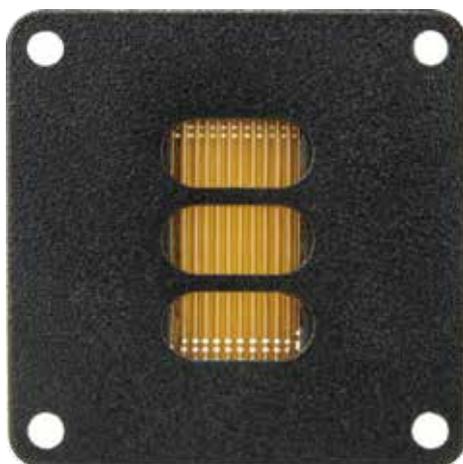
产品尺寸 Dimensions \varnothing 50xH 90 mm

连接器 Connectors \varnothing 1,80 x L 300 mm

温度范围 Temperature range -40°C/-40°F...+85°C/+185°F

导体材质 Conductor Material 铝箔材料

绕线技术 Winding technology 标准规格



AMT U40W 1.2

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AMT U40W 1.2是U系列中最小的型号。它适用于2路台式扬声器以及3路落地式扬声器。

由于其紧凑的设计，AMT U40W1.2也可以毫不费力地集成到Car-HiFi系统。

尽管它很小，但它提供了带有Mundorf振膜的AMT U系列的所有质量特征：超低的K3/K5失真数据，在整个应用范围内真正强大的音乐表现，同时，精细的微观动力学和丰富的音乐细节，是所有Mundorf AMT的特点。

The AMT U40W1.2 is the smallest model in the U.Series. It is suitable for 2-way table top speakers as well as for 3-way floor standing speakers.

Thanks to its compact design, the AMT U40W1.2 can also be effortlessly integrated into Car-HiFi systems.

Small as it is, it provides all the quality features of the AMT U.Series with Mundorf diaphragm: Exceptionally low K3 / K5 distortion data, a truly powerful music performance within the entire application range and, at the same time, the fine micro-dynamics and richness of music details that distinguish all Mundorf AMT's.

产品技术规格 TECHNICAL SPECIFICATIONS

产品型号	Item NO.	AMTU40W1.2
标称阻抗	Nominal Impedance	4 Ω
灵敏度	Sensitivity (2,83 V / 1m)	92 dB
共振频率	Resonance Frequency (FS)	3900 Hz
应用范围	Application (@12/6dB.Oct)	3.5/5.0-40 kHz
有效活塞面积	Effective Piston Area	13.5 cm ²
产品重量	Total Weight	0.174 kg
产品尺寸	Dimensions	L 55 x H 55 x Z 45 mm



Angel Hair 吸音棉

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Mundorf Angel Hair, 与玻璃纤维和其他塑料纤维相比, TWARON® 能很好地传导热产生的振动, 并以一种与其他相同功能材料完全不同的方式, 吸收这种类型的声学运动能量。

与其他绝缘材料相比, Angel Hair的绝缘性能从700赫兹开始就几乎是线性的。如图所示, 在扬声器系统中, 3-10克/升的体积是一个合适的数量, 这取决于阻尼的频率范围和扬声器箱体的大小和设计。当然, 绝对没有必要完全填满大型扬声器和低音反射箱! 即使在最好的情况下, 也将对您的扬声器系统的声学效果产生负面影响。对于这种情况, 我们建议只需填充低音扬声器后面的空间。另一个提示: 通过将标准BAF填充物换成Angel Hair, 您通常可以进一步提高现有扬声器的低音再现精度。

下图显示了如何通过用Angel Hair填充吸收板或绝缘背板来实现中音/高音域的吸收特性的房间反射。

Mundorf Angel Hair, TWARON® conducts heat generated vibrations away very well and absorbs this type of acoustic motion energy in a fundamentally different manner than other known materials which are commonly used for this purpose.

In contrast to other insulating materials, the insulating properties of Angel Hair are almost linear from 700 Hz. As shown in the diagrams, 3-10 grams/litre of volume in speaker systems is an appropriate quantity, depending on the damped frequency range and the size and design of the speaker cabinet. It is certainly never necessary to fill large speakers and bass reflex boxes completely! At best, this would have a negative effect on the acoustics of your speaker system. For such cases, we recommend just filling the space behind the woofer. And another tip: by exchanging the standard BAF filler for Angel Hair, you generally achieve a further increase in the precision of the bass reproduction for existing speakers.

The diagrams below show how absorption-specific room reflections in the midrange/upper range can be achieved through filling of absorption boards or insulation backdrops with Angel Hair.

