



brauner.microphones



THE ART OF MICROPHONES

„In the end, the time you spent enjoying your instrument is what really matters.“

BRAUNER MICROPHONES - THE ART OF MICROPHONES

PHILOSOPHY



When I decided to create my first tube microphone in 1993 based on my own design concepts, I could have never imagined that it would grow into the world-renowned company it is today.

Beginning simply from my desire to create a microphone that represented everything I wanted in tonal qualities and engineering, endeavoring beyond what others had achieved to date. Today, I am extremely proud that so many artists, engineers and producers share in my enthusiasm and joy. I share that joy today with a team of high-caliber colleagues who work in our steadily growing microphone factory, where we pursue a singular goal, namely, to construct the best microphones that we are capable of creating.

With a self noise measurement below 11 db A and the highest possible dynamic range and sensitivity, Brauner microphones set a new benchmark in microphone technology.

In a little more than 10 years, this relentless pursuit of perfection has made us one of the leading German companies in our field internationally.

The technical perfection and the tonal aesthetics of our products are unique in this form. They have set new standards that have changed the view of the microphone. What was once an everyday item, which could be reduced to simple technical parameters, was transformed into an active design element, in effect a piece of art, which is a tool for art.

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PHILOSOPHY



Following the example of photography, *writing with light*, we can view the art of capturing and reproducing sound as *writing with sound*. Uncoupled from our old understanding of predominantly technically oriented ideals, which we fulfill where it is necessary and sensible, first and foremost we follow our perception - that what a microphone is ultimately made for is to be the first and most important link in the recording chain, used to create content, which unfolds to the listener with the greatest possible impact.

At the same time, perfectionism and an absolute attention to detail are what really count for creating microphones, in which the highest artistic and technical ideals becomes one; instruments which additionally serve to make the

uniqueness and originality of the sound as perceptible as possible.

Additionally, Brauner Microphones especially represent „made in Germany“ quality and sustainable value. Therefore, we pay particular attention to using only renowned German manufacturers, whose quality we have trusted for years, when it comes to sourcing components. As a result, our customers are assured that they can always depend on their tools.

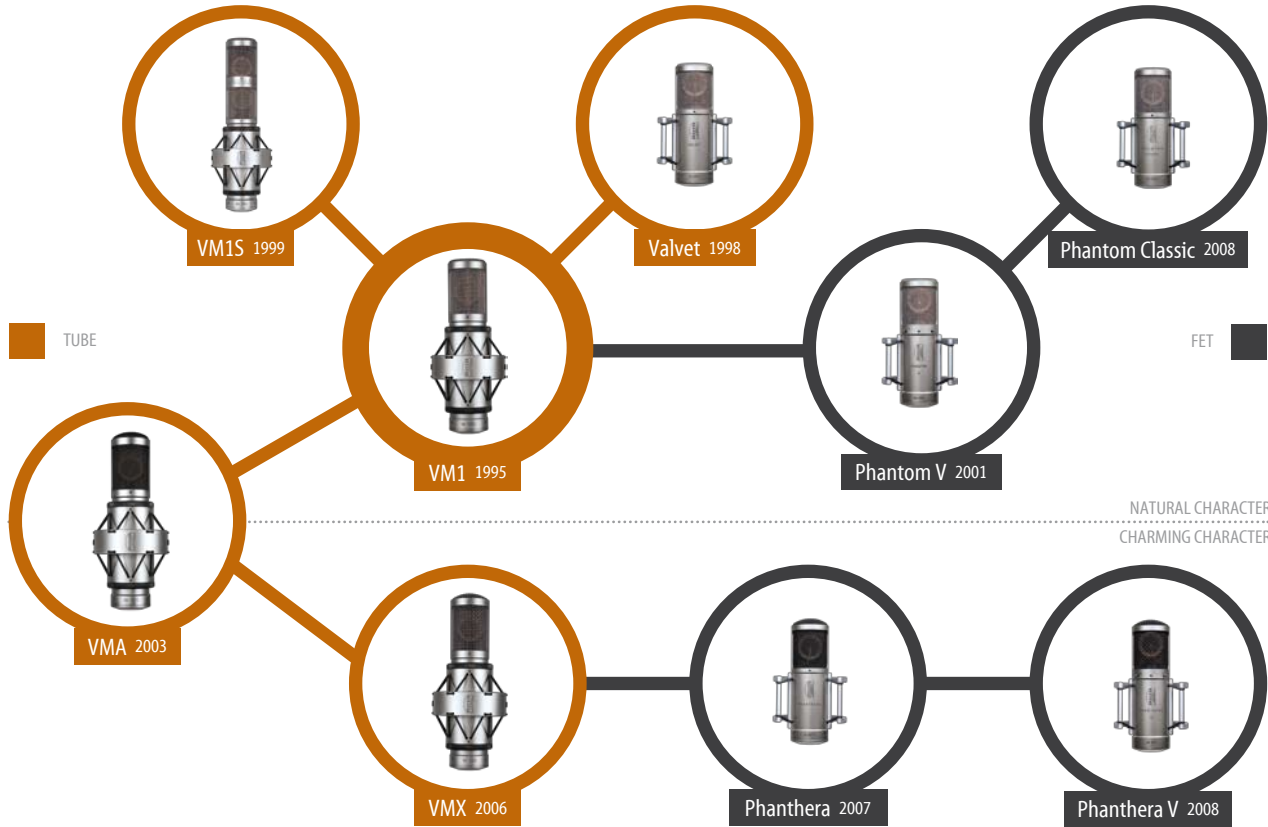
In the rare event of a problem, our customer service is also renowned for meeting our customers' high demands. Customer satisfaction is always quickly and reliably achieved. Brauner microphones are professional tools whose tonal uniqueness are

relied on by many of the most internationally renowned artists and professionals. This trust inspires and motivates us. To maintain this confidence in the future is not just our personal goal but our promise to our customers. A promise by which you will always be able to measure us.

Dirk Brauner, the Art of Microphones.



PRODUCT OVERVIEW





BECCERA

Nr. 1234

VM1



The VM1 was the fulfillment of Dirk Brauner's dream to build his vision of the perfect sounding tube microphone. A microphone that captures the spirit of the classic vintage tube microphones and at the same time, meets the high technical standards of today's modern microphones. The VM1 was awarded the SSAIR Award in 1998, marking the beginning of a tradition of excellence in design philosophy, engineering and precision.

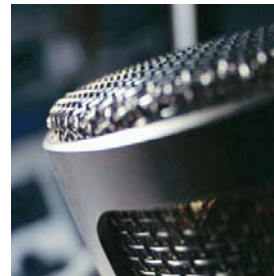
In our humble opinion, no other microphone has played a greater role in the renaissance of the tube microphone. As the archetype of all Brauner microphones it continues to serve as the inspiration for all Brauner products. The VM1 has a completely natural, modern sound with the highest resolution of sonic detail. Its transparent open character is predestined for vocal

and instrumental recordings and is the first choice microphone of top artists and sound engineers all over the world.

The power supply of the VM1 allows infinite adjustments of the directional characteristics as well as a 10 dB reduction through a switchable attenuator. The VM1 is also offered in a **lite version** with a simplified power supply with cardioid and omnidirectional patterns.

TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz-cardioid)
Sensitivity	28 mV / Pa-cardioid
Pattern	all, infinitely variable
Frequency Range	20 Hz - 20 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	115 V or 230 V





80

BECKER

Nr. 054

VM1S

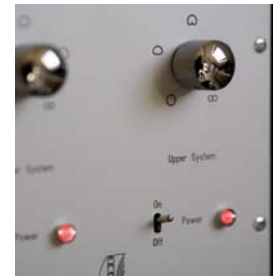


The VM1S is the stereo version of the VM1. It is currently, without doubt, the most intricate of all Brauner microphones. It unites two identical VM1 microphones, precisely matched to each other, in a single housing. It is a design that answers every wish of a stereo microphone. The VM1S enables control of the directional characteristics of both microphones even though they are in the same housing.

This unique approach allows independent usage of each microphone, through separate internal power supplies thus enabling the VM1S to be used as a single microphone. Moreover, when used in stereo mode the highest possible crosstalk rejection is also achieved. The range of its applications is therefore extremely wide. Whether it is used as the main microphone in classic MS or XY configurations, or as a stereo

microphone for the recording of a soloist, choir or instrumental soloist, the VM1S is equally up to the task.

Experience the finest tonal details, more naturally and alive than you ever have before. Experience one of the world's greatest microphone legends in stereo!



TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz-cardioid)
Sensitivity	28 mV / Pa-cardioid
Pattern	all, infinitely variable
Frequency Range	20 Hz - 20 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	115 V or 230 V





VMA

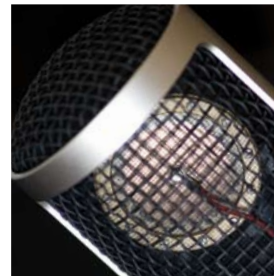


More realism or rather more character in the reproduction? Normally a question such as this implies a choice between two completely different microphones. This question is no problem for the VMA, it unites these two basic sound characters in one. Through simple switching, you can select between the very natural transparent sound of the VM1 or the markedly full character sound of the VMX, thus you actually have two different Brauner microphones in one single body enabling in essence the sound of a VM1 or a VMX.

In the development of the VMA, valuable feedback and input on the tonal qualities of the microphone from some of the world's most highly regarded sound engineers was incorporated. The VMA thereby represents the essence of more than 10 years experience with our flag-

ship model, the VM1. Paired with the possibility of switching to the VMX mode, the VMA is an outstanding achievement in tube microphone design. The adjustments of the directional characteristics, as in the VM1, are infinite and therefore enable superior flexibility.

The VMA marks a milestone in modern microphone technology.



TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz - cardioid)
Sensitivity	28 mV / Pa - cardioid
Pattern	all, infinitely variable
Frequency Range	20 Hz - 22 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	115 V or 230 V





VMX

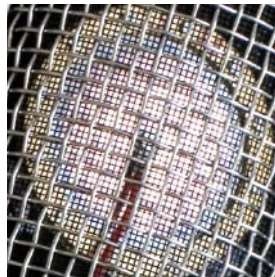


Whereas the VM1 represents the natural sounding part of the VMA (which combines two microphones in one), the VMX offers the full character sound of the VMA in a single microphone and yields highest detailed resolution with a soft and silky top end. Slight accentuation of the low mid and bottom end as well as a soft upper mid range grant this reference quality tube microphone a unique and completely charming sonic character.

The VMX excels in vocal and narration recordings through its well-balanced tonal appearance and pleasant proximity. It adds its own character without recognizably tainting the sound source. The VMX is also eminently suitable for instrumental recordings, through the reproduction of the finest details; giving string

instruments for example the noticeable appearance of vicinity and warmth. Maximum flexibility in the fine-tuning of the respective recording is achieved through the possibility of infinitely adjustable directional characteristics.

The VMX is also available in a **lite version**, which permits the most common directional characteristics - cardioid and omnidirectional.



TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz-cardioid)
Sensitivity	28 mV / Pa-cardioid
Pattern	all, infinitely variable
Frequency Range	20 Hz - 22 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	115 V or 230 V





VALVET



First class components, excellent dynamics and exceptionally low self noise exemplify Brauner microphones. This of course, holds true for the Valvet, a tube microphone based on the already legendary VM1, which provides a unique, finely balanced character.

Our objective with the Valvet was to create a tube microphone that would be ideally suited to be used as a spot microphone through small construction and the use of a newly developed microphone suspension. The Valvet produces excellent recordings even under difficult acoustic conditions due to its directional characteristics, leaning slightly towards hyper-cardioid while maintaining a high level of back rejection. In omni though, it becomes the perfect choice for ambience recordings. In 1999, the Valvet received the SSAIR Award for best microphone

in its category as the VM1 did the year before. The Valvet, boasting the same naturalness and openness as the VM1, produces recordings with wonderful spatial qualities and pleasing proximity and warmth.

The Valvet uses the most common directional characteristics - omni and cardioid - and has a phase reverse switch for the use with non-standard pre-amplifiers.



TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz-cardioid)
Sensitivity	28 mV / Pa-cardioid
Pattern	cardioid & omni
Frequency Range	20 Hz - 22 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	115 V or 230 V





PHANTOM
V

Nr. 189

PHANTOM V



The Phantom V (variable) as a phantom powered large diaphragm FET microphone was the next logical development step in keeping with our product philosophy. It was developed based on the circuit design of the VM1 and also utilizes its capsule as well. Small differences can mean a lot in a recording environment, whether it is the freedom to choose the most suitable directional characteristic (omnidirectional, cardioid or bi-directional), or to expand the dynamic range by 10 dB in case it becomes louder than expected.

Stepping aside and leaving the limelight to others, allowing the necessary room for the sound event to fully unfold and become a sound experience. The Phantom V is a microphone in the best Brauner tradition.

If you are looking for a unique microphone with its own unique character, look no further than the Phantom V.

As the first of Brauner's phantom powered microphones, the Phantom V offers maximum application flexibility and is therefore useful in a variety of situations.



TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz-cardioid)
Sensitivity	28 mV / Pa-cardioid
Pattern	omni, cardioid, figure eight
Frequency Range	20 Hz - 22 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	48 V phantom power





PHANTOM
classic

Nr. 0500

PHANTOM CLASSIC



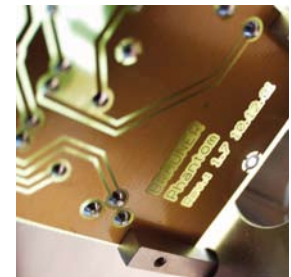
The Phantom Classic, like its predecessor the Phantom C (Cardioid), embodies reduction to the absolutely essential without compromise in performance.

The design philosophy of this large diaphragm FET microphone - which works purely in cardioid characteristic, guarantees a sound quality otherwise found only in our tube microphones. Its capsule is based on the ideal of the VM1 giving the Phantom C a very natural and pristine sound character.

The Phantom's success was most recently augmented through the release of the limited edition Phantom AE (anniversary edition). This edition was released to mark the occasion of the company's 10-year anniversary and was comprised of 1000 nickel colored as well as

1000 black microphones. After the paramount success of the limited Phantom anniversary series, we now deliver the legitimate successor of the Phantom C with the Phantom Classic. It was nominated for TecAward in 2003 and received various awards by German magazines.

The Phantom Classic is also available as a **basic edition**.



TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz-cardioid)
Sensitivity	28 mV / Pa-cardioid
Pattern	cardioid
Frequency Range	20 Hz - 22 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	48 V phantom power





PHANTHERA



The Phanthera is the impressive proof that a phantom powered non-tube microphone can sound amazingly close to a real tube microphone. With the Phanthera, Brauner expanded its product portfolio to include a reference quality microphone which could stand beside the sound characteristics of the coveted tube models VMA and VMX. The results speak for themselves.

Experience vocal recordings with an intensity and liveliness never heard before. The particular sound of a sonic event is highlighted in a subtle manner. Totally unobtrusively, almost imperceptibly, it creates finely elaborate and highly nuanced sonic details. Narration recordings also have clear gains in proximity and plasticity. So you instantly have a result with convincing quality without time-consuming postproduction.

Instrumental recordings with the Phanthera stand out due to the enormous detail resolution and first-class transient response. The Phanthera clearly represents a further milestone in “the art of microphones”.

The Phanthera is also available as a **basic edition**.



TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz-cardioid)
Sensitivity	28 mV / Pa-cardioid
Pattern	cardioid
Frequency Range	20 Hz - 22 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	48 V phantom power





PHANTHERA
V

Nr. 001

PHANTHERA V



The Phanthera V impresses with the same qualities as its cardioid only counterpart, bringing along a lively and intense sound quality and highlighting the sonic aspects of the source material in a subtle manner.

In addition to the cardioid directivity, it also is capable of recording in omni or bidirectional mode with a simple switch and thus adapting it to different recording situations.

Using the omnidirectional characteristics, ambience as well as soloists or even big orchestras are captured true-to-life because the sonic environment is also authentically reproduced.

For simultaneous stereo recording with a second microphone in XY or MS configuration bidirectional characteristics are available.

An additional switchable attenuator reduces the output level of the microphone by 10 dB, providing further valuable dynamic range where necessary.

This makes the Phanthera V a versatile professional tool for almost every recording situation.

TECHSPECS

Equivalent Noise	< 11 dB A (IEC651)
Signal to Noise	> 83 dB (1 Pa/1 kHz-cardioid)
Sensitivity	28 mV / Pa-cardioid
Pattern	omni, cardioid, figure eight
Frequency Range	20 Hz - 22 kHz
Maximum SPL	142 dB SPL @ 0,3 % THD
Supply	48 V phantom power





ACCESSORIES



All Brauner microphones are delivered with high-value components and are ready for immediate use.

The **full and lite versions** of our microphones come in an aluminum case, which serves to protect all of the system components, and are supplied with a microphone cable, exclusively manufactured by the renowned Swiss company VOVOX, and a sophisticated elastic suspension. This suspension is specifically adapted to suit the needs of each microphone model. In addition, a pop screen is included in the delivery of the VMA and the full versions of VM1 and VMX.

The **lite versions'** power supply unit offers omni and cardioid patterns instead of the full versions' infinitely adjustable directional characteristics.

The Phantom Classic and the Phanthera are also available as a **basic edition**, shipping with the essential accessories: the microphone and a sturdy mount come in a robust box.

Of course, the microphones of both lite and basic versions are the same as in the full versions and can thus be expanded by purchasing the full version's accessories which are separately available.



	VM1/VMX/VMA/VMX	VM1S	VM1/VMX/LITE	VALIET	PHANTOM	PHANTHERA	BASIC EDITION
Aluminum Case	X	X	X	X	X	X	
Vovox-Tubelink-Cable	X		X	X			
Vovox-XLR-Cable					X	X	
Stereo-Microphone-Cable	X						
Suspension BMS1	X	X					
Suspension BMS2			X	X	X	X	
Microphone Mount							X
Pop Screen	X						
PSU (Multi-Pattern)	X	X					
PSU (Dual-Pattern)			X	X			



QUOTES



Elliot Scheiner:

„Never before did I come across a microphone of this caliber. The VMA is the best microphone I have ever worked with.“

Bruce Swedien:

„I just used my Brauner VM1 on a week of solo vocal sessions. Did the whole album with it. It sounds unbelievably clear and warm! I absolutely love it! It's my new „favorite“ vocal mic.“

Friedrich Thein:

„The VM1 is the essence of the advantages of a tube microphone without any of the disadvantages... an open door to sonic space.“

Keys:

„In comparison with other professional studio

microphones, the Phantom V, like the AE, perform outstandingly: The (perceived) linearity with regards to frequency response and dynamic set the benchmark, the Brauner simply sounds closer to the original.“

Keys:

„Detail resolution, depth, spatial reproduction and appreciable proximity are the strengths of the Valvet.“

Professional Audio Magazin:“

„The VM1 and VMX tube microphones are still the undisputed leaders of our reference list.“

Fritz Fey / Studiomagazin:

„To say that the vocal recording sounds even better than the original is to almost do justice

to the VMX. It adds its own character without recognizably tainting the source. If you ask me, the VMX is a real masterpiece of microphone engineering.“

Studiomagazin:

„The Phanthera sounds very elegant and confident, [...] another first-class product [...] we can already predict that it will be a success story.“

Soundcheck:

„The Phantom creates impressive character in every recording situation and portrays all of the instruments with amazing detail and excellent sound.“

ACKNOWLEDGEMENT



We would like to thank the sculptor Thomas Kühnapfel for letting us use pictures from his series „Umformungen“ (2007).



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