

PHANTOM • PHANTHERA

MANUAL

INTRODUCTION

Thank you for purchasing a Brauner microphone. You now own one of the most up to date and high quality large diaphragm condenser microphones the market has to offer. Its technical specifications are at the edge of physics and define a quality standard that is only made possible through highest precision crafting technology, smallest tolerances and enormous efforts in selecting the best components.

Every single Brauner microphone is entirely assembled in Germany and all parts are supplied by renowned German companies in whose lasting quality standards we have been trusting for many years. A trust also given to the Swiss company VOVOX who has developed the special XLR cable which ships with every microphone.

Of course, this quality has its price but in exchange you receive a product with maximum

performance and reliability - a tool you will always be able to trust in.

We would like you to enjoy your Brauner microphone your whole life. Our love for detail and the experience of many great and internationally renowned sound engineers helped to develop our products. If you should ever face a problem, we are always there to help.

Dirk Brauner
Owner



SAFETY INSTRUCTIONS

1. Prior to setting up

Before using the microphone please read this manual as it contains many helpful hints.

2. In case of damages

In case of any damages, especially loose parts in the inside, please get in touch with our service team.

3. Do not open the microphone

Only authorized service personnel is allowed to open the microphone. Unauthorized opening will void the warranty.

4. Microphone stand

Be sure to use a microphone stand that can support the weight of the microphone. We recommend products by König & Meyer.

5. Avoid humidity

Do not use the microphone in extremely humid environments and avoid any liquids entering the microphone.

6. Cables and connections

Take care of your cables. Do always wind them properly and carefully. Do never use damaged cables.

GETTING STARTED

Always mount the microphone on a stable tripod that can handle the weight of the microphone.

Microphone Suspension

Usually you should leave the microphone in its suspension as it can be stored safely in its case this way. If you have to take it out, pay attention to the 3rd picture on this page. Hold the microphone safely with both hands and, pressing against the inner suspension cradle with your thumbs, remove it from the suspension in a slightly rotating move.

The rubber rings may leave little traces on the body of the microphone, which can easily be removed with a soft cloth.

To quickly tighten and loosen the suspension and change the vertical angle of the microphone, use the wingnut on the suspension's

back (fig. 2). If you pull up the lever in its center axis, you can easily readjust its position without loosen or tighten its strength. This is practical in case you want to guide the cable behind the lever and use it to lock the cable or to enable the lever to be turned, when it is too close to the suspension and otherwise could not be moved any further.

If you guide the cable behind the lever and secure it as mentioned, it will keep the cable from slipping away or hanging down. This will also

ensure a better acoustical decoupling of the cable and can secure the microphone from falling down if done properly.

V-Versions: Patterns & 10dB-Pad

There are two switches on the front side of Phantom V and Phanthera V. The left one turns on a 10dB-pad which comes in useful handling very high sound pressure levels. The right one allows you to choose one of the three possible patterns: Omni, Cardioid and Figure of Eight.





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TECHSPECS



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

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TECHSPECS



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Directivity	Omni, Cardioid, Figure of Eight
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TECHSPECS



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WARRANTY & SERVICE



Limited warranty

Brauner Microphones will provide warranty and service for this unit in accordance to the following:

Brauner Microphones warrants to the original purchaser that this product and the components thereof will be free of defects in workmanship and material for a period of 24 months from the date of purchase. Brauner Microphones will, without charge, repair or replace, at its option, defective product or component parts upon prepaid delivery to the factory service department or authorized service center, accompanied by proof of purchase given in the form of a valid sales receipt.

Exclusions

This warranty does not apply in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs. This

warranty is void if the warranty seal is altered, defaced or removed. Brauner Microphones reserves the right to make changes in design or make additions to or improvements upon this product without any obligation to install the same on products previously manufactured.

Brauner Microphones shall not be liable for any consequential damages, including without limitation damages resulting from loss of use. For units purchased outside the Federal Republic of Germany, an authorized distributor of Brauner Microphones will provide service.

Service Address

Brauner Microphones
Rudolf-Diesel-Str. 11
D-46459 Rees
Germany

Tel.: +49 (0)2851 588 98 68

Fax: +49 (0)2851 588 98 67

Email: info@brauner-microphones.com

Service: service@brauner-microphones.com

Internet: <http://www.brauner-microphones.com>



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