



KSP3

HAM SPEAKER

Thank you for choosing a Phonema speaker, passionately designed by and for hams.

In Phonema we followed the most stringent acoustic criteria to provide a speaker capable of delivering maximum sound quality. First, we have carefully selected the drivers so that the signals can be heard clearly and comfortably, both weak signals like morse to powerful FM broadcasts. Secondly, we have filled the inside of the speaker with absorbent material to remove the annoying resonances that might occur in traditional communications speaker. And finally we have devoted much attention to the design, to give warmth, elegance and personality to your shack. A Phonema speaker is a handmade piece created with enthusiasm and dedication.

We hope you enjoy it for a long time.

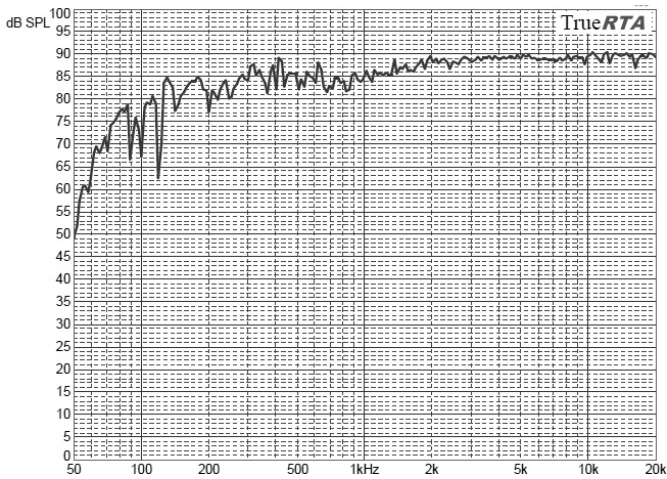
Amadeo di Giacomo - EA3OW

CHARACTERISTICS

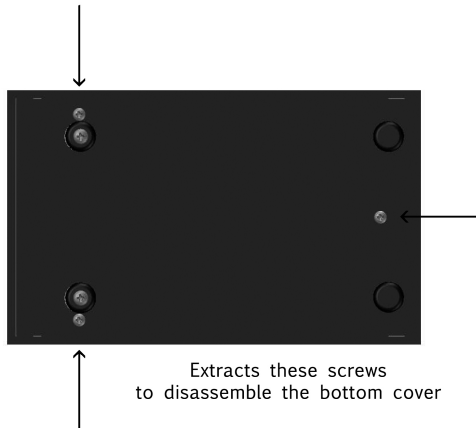
The KSP3 model is designed for Elecraft K3 and K3S transceivers. Additionally, thanks to its adjustable stand it can be perfectly stand up. Remember not to exceed the maximum height of 55 mm (2,16 in)

The KSP3 has got four threaded holes on both sides to adapt future accessories.

KSP3 presents a frequency response that clearly favors voice intelligibility in SSB. Frequencies between 180 and 280 Hz have a certain attenuation that mitigates the QRM. From 280 Hz onwards, sensitivity stays around 86dB up to 2 KHz. Between 2 KHz and 20 KHz, KSP3 offers a fairly flat curve that ensures good sound for broadcast signals. |



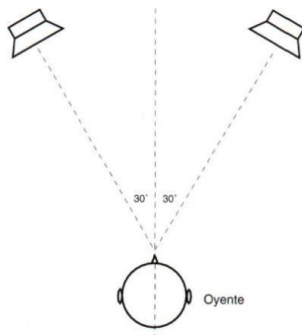
TO EXPLORE YOUR KSP3



GEMINI SYSTEM

Normally the radio operator stands in front of the transceiver and has, at times, a speaker on the side. Phonema propose a hearing improvement by adding a second speaker, thereby creating a triangle between the two speakers and the operator. Although the sound of the radio signals is not stereo, the feeling you get is that of a surround sound reaching the two ears with the same intensity, favoring the concentration and allowing the operator to enjoy a more comfortable and intelligible listening. The effect is similar to the use of headphones.

On the other hand, having two speakers, offers DX and contest enthusiasts a perfect tool to manage the dual watch. Furthermore, one may at any time decide how to distribute two signals from different radios. Also, unlike the double membrane speakers, both signals travel through separate and independent speakers, which completely eliminates the problem of interference that the vibrations of the drivers produce backwards.



SAFETY

- . Carefully read the section of the Elecraft K3 manual describing the speaker wiring. It is important to use a stereo jack.
- . Clean the speaker using a dry cloth. If required, you can slightly dampen the cloth.
- . Do not use solvent-based cleaners.
- . Don't forgot to cover the RCA plug unused of you cable adapter with the yellow cap.
- . This speaker is a handmade product, slight imperfections might be present.

SPECIFICATIONS

- Impedance: 4 Ω
- Maximum power: 30 W
- Frequency response: 100 – 20.000 KHz
- Sensibility:.....82 dB
- Dimensions:.....156x102x254 mm
.....(4 x 7,8 x 10 in)
- Weight:.....1,55 kg (3,52 lb)

The following accessories are included:

- . Speaker.
- . This instruction manual.
- . 1 Cable adapter Mini-Jack-2RCA
- . 1 Cap