



INSTRUCTION MANUAL



OSCAR-1
HAM SPEAKER

OSCAR -I

INSTRUCTION MANUAL

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

To fully enjoy the benefits of Oscar, please read these instructions thoroughly before using it with transceiver or receiver.

At Phonema we have followed the most demanding acoustic criteria to provide a speaker capable of delivering maximum quality sound. First of all, we have carefully selected the membranes so that the signals are heard in a clear and comfortable way, from weak Morse signals to powerful broadcast emissions. Secondly, we have filled in the interior with absorbent materials to remove the annoying resonances that might occur in traditional communications speakers. And finally, we have paid an exquisite attention to design, transmitting warmth, elegance and personality to your shack.

Oscar is a speaker created with enthusiasm and dedication. We hope you enjoy it for a long time.

CHARACTERISTICS

Oscar is a unique speaker, designed to be installed suspended from the ceiling, above the radio operator. Sound is projected down, concentrating and surrounding the operator. As a consequence, listening concentration of the radio signals improves. Additionally, it decreases the sound beyond the radio room and it reduces the nuisances discomfort to the rest of the house.

Oscar is very useful in these radio shacks where it is difficult to have a suitable place for a speaker.

It proves also convenient for those operators who need to monitor the signal of a second receiver: either in SO2R configuration in competitions, or in monitoring the VHF band in FM or other bands waiting for a propagation opening. Since the signal comes from a different place than the radio speaker, it is easier to listen to two different signals.

Oscar can be used with any audio transceiver or amplifier.

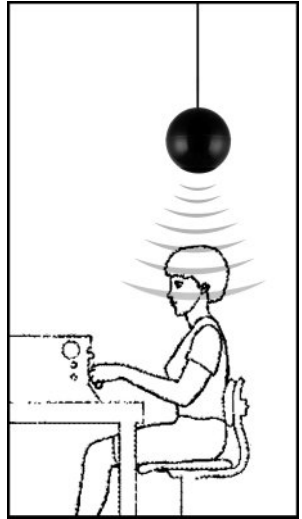
INSTALLATION

Oscar must be installed suspended from the ceiling. The best position, when Oscar is going to be the main speaker, is to hang it above the operator (see picture). Moreover, if placed equidistant from both ears, the effect of omnidirectionality is also achieved.

Oscar's position is not as important in the event of monitoring a second receiver. We recommend to test it first to find the best position for the operator.

To install the Oscar speaker, fix a hook in the desired position. The hook must be strong enough to support the weight of the speaker. Pass the cable through the hook, adjust the desired height and use the U-bolt to lock it. Tighten just enough not to damage the cable.

Calculate the necessary cable to the radio socket. Cut the exceeding cable if preferred and solder the connector.



CONTAINS

- 1 Speaker
- 1 Instruction manual
- 1 mini Jack mono connector
- U-bolt

SPECIFICATIONS

- Box material:ABS
- Inside material:Acoustic Foam AG150
- Power:.....25 W
- Impedance:8 ohms
- Frequency response:150 - 18000 Hz
- Sensitivity:91 dB
- Driver protection:IP44
- Diameter:.....180 mm (7,08 in)
- Weight:.....1,8 Kg (3,96 lb)

SAFETY

- Carefully read the section of your transceiver manual describing the speaker wiring.
- Clean the speaker using a dry cloth. If required, you can slightly dampen the cloth.
- Do not use solvent-based cleaners.