PROFESSIONAL SOUND CORPORATION

Wind Boss ™

Microphone Windshield

Operation Manual for Wind Boss Microphone Windshields
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TABLE OF CONTENTS

DESCRIPTION

Thank you for purchasing the Professional Sound Corporation Wind Boss Microphone Windshield. PSC is confident that this new Wind Boss Microphone Windshield will provide an efficient and economical alternative to traditional hard-shelled wind shields. Please feel free to contact us if you have any comments or questions concerning your new Wind Boss. Additionally, we invite you to share your suggestions for new products you would like to see developed.

Professional Sound Corporation extends a 90 day warranty on parts and labor to all Wind Boss owners who return their warranty cards at the time of purchase. This warranty gives you specific rights, which are stated on the card, and enables us to keep you informed of product updates.

The PSC Wind Boss Microphone Windshield provides all the functions necessary to produce studio quality recordings in the field. Its user friendly features, simple design and sonic purity make the PSC Wind Boss perfect for electronic news gathering (ENG) electronic field production (EFP) and feature film production.

SAFETY WARNINGS:

Please be sure that you have read this entire manual before operating this Wind Boss.

Some materials used in the construction of the PSC Wind Boss can conduct electricity. Be careful not to operate the Wind Boss close to overhead electrical lines, etc.

Some materials used in the construction of the PSC Wind Boss are flammable. Be careful not to operate the Wind Boss too close to hot lights, open flames, etc.

While special attention has been given to your safety, we at Professional Sound Corporation wish to advise you to protect your hearing at all times while recording sound. Here are some suggestions to help protect your hearing:

Always turn down the headphone volume before plugging in your headphones.

Always operate your headphones at the lowest practical level.

Be especially cautious in unknown or widely varying environments.

You the operator must determine the safe and practical operating levels for your environment.

Remember, your ears are your livelihood. Turn it down!

APPLICATIONS

- Electronic News Gathering
- Location Recording (Dialogue and Music)
- Broadcast Remotes
- Sporting Events

CONSTRUCTION:

The PSC Wind Boss series of microphone windshields represent a simple, flexible and accommodating means of providing wind rumble rejection for your condenser microphones. These new microphone windshields provide the benefits of traditional, hard-shelled windshields without the associated expense and single application restrictions. The new PSC Wind Boss series of microphone windshields are designed with universal microphone mounting suspensions that allow the PSC Wind Boss to be used with virtually any condenser microphone. This mounting system does not rely on specialized single application mounting clips, adapters or hard to install elastic bands. The PSC Wind Boss uses simple, effective silicone rubber "O"-rings to provide an excellent shock mount for your microphones. These bands are custom made to our specifications and are virtually unaffected by changes in temperature and humidity. In addition, they provide an easy and quick means of changing microphones without parts breakage associated with traditional mounts.

The PSC Wind Boss series of microphone windshields are made of lightweight, application specific, open cell foam and a rugged aircraft aluminum frame. These two elements allow PSC to offer you a reasonably priced alternative to traditional hard-shelled wind shields. The design of the PSC Wind Boss's outer "shell" is made of three pieces, a center section and two end caps. These two end caps are interchangeable and allow access to both ends of the windshield. The end caps are easily removed and replaced, thanks to their Velcro tm fastening system. The center section and its associated framework are currently available in two sizes providing wind protection for a multitude of microphones.

USE:

The PSC Wind Boss is simple to use. Microphones are installed by removing the rear end cap of the Wind Boss. This is done by grasping the two small finger grips located on each side of the end cap and pulling in the direction of the arrow. ***NOTE* ALWAYS USE THESE TWO FINGER PULLS TO REMOVE THE END CAPS. FAILURE TO USE THESE PULL POINTS WILL RESULT IN DAMAGE TO THE FOAM END CAP AND IS NOT COVERED BY WARRANTY.**
After removing the rear end cap you should also remove the front end cap. It is removed in the same way as the rear. These two end caps are inter-changeable so there is no need to worry about mixing them up. After removing the end caps you will see the Orange "O" Rings used to mount the microphone. Grasp the "O' rings and give them one overlapping twist. You can then gently push your microphone into the Wind Boss from the rear until the microphone contacts the front Orange "O" ring. At this time you can grasp the front "O" rings in the same manner as before and push the microphone a little further until it is positioned between the "O" rings as shown in the Photo on page 5. This is the recommended mounting style for most condenser microphones.

NOTE PLACEMENT OF SHOCK MOUNT BANDS ("O" RINGS)

However, some larger diameter microphones do not require that the "O" rings be twisted and you may just push the microphone through the "O" rings as they appear in the shock mount. Once the microphone has been installed and centered within the two mounting points, you can gently install the short Female XLR connector into the back of the microphone. Make sure the XLR will clear the rear end cap and re-install the two end caps by grasping the two finger points and pressing the end caps on until the Velcro tm grabs and retains the end caps. You can now install either the light weight polyester wind sock or the synthetic fur cover used for high wind situations.

LIGHT WEIGHT WIND SOCK

The light weight polyester wind sock is installed by opening its Velcro tm closure and rolling it up inside-out then gently slipping it over the front of the Wind Boss. Gently pull the sock towards the rear of the Wind Boss as you unroll it until you are able to pull the rear end of the sock over the rear end cap. To accomplish this you must have the wind sock pulled snugly over the length of the Wind Boss. Once the rear portion of the wind sock is pulled over the rear end cap, you can then close the Velcro tm tabs of the wind sock. *NOTE* the light weight wind sock may seem some what difficult to install the first time you try it. Don't worry, once you master it, it goes very quickly. You are now ready to mount the Wind Boss assembly to your boom pole.

HIGH WIND SYNTHETIC FUR COVER

The high wind synthetic fur cover mounts to the Wind Boss in much the same way as the light weight wind sock. Make sure the two zippers are fully opened before installing the fur cover. It is then placed over the front of the Wind Boss and gently pulled toward the rear until it fits snugly. At that time you can pull the rear portion of the fur cover over the rear end cap of the Wind Boss and close the zippers. You are now ready to mount the Wind Boss to your boom pole.

SELF CONTAINED XLR CABLE

The PSC Wind Boss comes equipped with a small and highly flexible internal XLR cable assembly. This XLR assembly benefits your microphone shock mounting system in two ways: First, the small diameter cable was chosen for its high flexible characteristics. This allows the microphone to freely move with the mounting suspension thus helping isolate handling noise. Secondly, the reduced size XLR connector is lighter in weight than a standard XLR connector and thus lowers the suspended mass of the microphone assembly. This also helps add to the ability of the suspension to isolate handling noise.

The male XLR connector mounted to the outside swivel bracket of the Wind Boss can be mounted in either a horizontal or vertical position for your convenience. To change this mounting position, you must simply remove the set screw that fixes the XLR connector mounting and pull the XLR free of the swivel bracket. Then simply install the XLR in the other opening provided and install the set screw.

SWIVEL MOUNT

The PSC Wind Boss is equipped with a swivel mounting bracket used to attach the Wind Boss to your boom pole or optional PSC Wind Boss Hand Grip. This mounting bracket has a built in swivel adjustment point allowing you the operator to adjust the angle of the Wind Boss (and microphone contained within) to the boom pole. This is especially helpful in pointing the microphone directly to the sound source (talent) when operating the Wind Boss from the end of a boom pole. To adjust the angle of the mounting swivel, simply loosen the thumb screw at the top of the swivel mount and change the angle of the Wind Boss to the desired angle. To lock it into place simply tighten down the thumb screw.

OPTIONAL HAND GRIP

There are occasions when you may need to use your Wind Boss in a hand held manner rather than on the end of a boom pole. For this use we offer an optional hand grip. This hand grip is machined from aluminum and is covered by a soft foam rubber grip for noise isolation. It also contains a 3/8-16 threaded stud that can be threaded into the swivel mounting bracket of the Wind Boss in place of a standard boom pole.

WIND BOSS CARE

The PSC Wind Boss is a simple design that should not require much care. Here are a few pointers that should help you keep your PSC Wind Boss in good condition for a long time to come.

1. Always use either the light-weight wind sock or the synthetic fur cover. This will insure that the foam parts of the Wind Boss do not get damaged from abrasive surfaces, etc.
2. Periodically you may wish to brush the fur cover to straighten out it's fibers.
3. Most parts of the Wind Boss can be easily cleaned using compressed air only. Simply blow any loose contaminates from the foam, covers etc.
4. Keep the Velcro tm surfaces of the Wind Boss free of contaminates.

5. ALLWAYS USE THE FINGER PULLS WHEN REMOVING OR INSTALLING THE END CAPS!

WARRANTY AND NON-WARRANTY SERVICE

In the unlikely event your PSC Wind Boss requires service it should be carefully packed and shipped prepaid to:

Professional Sound Corporation
Service Department
28085 Smyth Drive
Valencia, CA 91355 USA
PH 661-295-9395
FAX 661-295-8398
e-mail techsupport@professionalsound.com

Please call before shipping your Wind Boss. We may be able to solve your problem via the phone. We are always willing to help you with your Wind Boss questions.

WARRANTY

Professional Sound Corporation warrants the PSC Wind Boss to be free of defective material and workmanship for a period of 90 days from the original date of purchase and agrees to repair or replace such defective parts or the whole product at its option, provided that the equipment is returned to Professional Sound Corporation. Shipping and insurance to and from Professional Sound Corporation must be prepaid by the owner. This warranty does not cover damage due to accident, careless handling, abuse or misuse, improper use or installation, improper electrical contact or grounding. In addition, this warranty does not cover damage due to the end caps from operators neglecting to use the finger pulls! This warranty will be null and void in the event of removal or tampering with the serial number, or by service work not performed by Professional Sound Corporation. Proof of purchase date (copy of invoice or warranty certificate) must be furnished before warranty service will be performed. This warranty is in lieu of any other warranty, expressed or implied, including warranties without limitation, products being merchantable at the time of purchase or suitable for a particular purpose. This warranty does not extend to, or include consequential damages.

In order to validate this warranty, the included Professional Sound Corporation Warranty Card must be filled out completely and mailed to the printed address within 14 days from the date of delivery.

SPECIFICATIONS, SMALL SIZE

Overall Size Excluding Swivel Mount:	14” long by 4” diameter (35.5cm long by 10.2cm diameter)
Weight Basic Assembly:	10oz (285g)
Temp Range:	-4 to +158F (-20 to +70C)
Frame Material:	0.050” (1.27mm) Laser cut aluminum, matte black anodize finish
Warranty:	90 Days, Limited

SPECIFICATIONS, MEDIUM SIZE

Overall Size Excluding Swivel Mount:	17” long by 4” diameter (43.2cm long by 10.2cm diameter)
Weight Basic Assembly:	11oz. (312g)
Temp Range:	-4 to +158F (-20 to +70C)
Frame Material:	0.050” (1.27mm) Laser cut aluminum, Matte black anodize finish
Warranty:	90 Days, Limited

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This product conforms to all CE and RoHS specifications and requirements.