



## PSC/MCDONALD M5 PRO SHOCK MOUNT™



- Universal design, the M5 Pro accepts most popular microphones from short to medium shotguns and facilitates quick microphone changes in the field.
- Unique, Clear Glide™ 3-stage isolation system virtually eliminates physically transmitted noise.
- The M5 Pro can be swiveled 180 degrees, allowing for “flat to the pole” microphone positioning.
- PSC’s proprietary Clear Glide™ surgical grade silicone, microphone suspension rings bring new clarity to microphone suspensions.
- Dual, high density rubber, ceiling bumpers squelch extraneous dynamic reverberations.
- 360 degree, textured aircraft aluminum suspension cage. Protects your prized microphones, while diffusing reflected sound.
- All of these features add up to the finest microphone suspension system available, at any price.
- Made in the U.S.A.

Thank you for purchasing the new PSC/McDonald M5 Pro Shock Mount. This 5<sup>th</sup> generation design is the result and culmination of 30 years of shock mount design, field use, testing and refinement. It incorporates the universal simplicity of the original McDonald Mount first made in 1985 and adds several generations of refinements and improvements. We believe this 30<sup>th</sup> year anniversary design represents the ultimate in microphone shock mount design and performance.

### **The Beginning by Randy McDonald:**

In the early eighties I realized that there really wasn't a real "boom guys" microphone mount designed for the "on production" film and T.V. needs. Most of the microphone mounts at that time were designed to hold a microphone on a non-moving microphone stand, with minimal isolation or suspension, and usually dedicated to one particular brand of microphone. In other cases, the mounts were big and clunky and designed to be used on a big stage boom. We needed a microphone mount that would hold just about any microphone known to man and work well on a hand held boom pole. We needed a mount that would allow the user to change microphones quickly in the field, without any extra fuss, clips, holders or other microphone specific parts. We also needed a mount with the ability to lay the microphone back, flat against the boom pole, while retaining its full suspension properties. This would allow the use of a Schoeps GVC swivel to minimize the microphone profile for use in tight booming situations. Lastly, we wanted a microphone mount that would provide a full 360 degrees of physical protection around those expensive microphones.

So I set out to design a microphone mount that would fulfill all of these needs. After some trials and tests at the Elco Welding shop in Venice, CA, I had come up with a good working mechanical design. I then realized that an improvement was also needed in the existing microphone rubber suspension components that were available at that time. So the next step was to develop the now famous "Magic" Red Silicone suspension rings. At my request, the O-ring manufacturer that I was dealing with at the time was able to formulate a new, low friction, highly elastic and durable suspension ring to meet my specific needs. They utilized a new silicone rubber compound where the rubber particles virtually slid over one another in silent motion. These rings were just what I was looking for and were ideal for use as a microphone suspension. With that accomplished, the original McDonald Universal Mount was born.

The next 200 mounts were produced for me at Sid Waterman Racing in Gualala, CA. by the legendary Offenhauser machinist, "Tuck" Jones. After those were sold, I decided to turn the shock mount production over to my old pal Ron Meyer at Professional Sound Corporation and he has been producing them ever since. That works out great for me, because Ron sends me a nice royalty check every year on my birthday in December, and I can go fishing. I want to thank all of the customers who supported and contributed to the success of these mounts over the past 30 years.

## **M5 Pro, the 5<sup>th</sup> Generation by Ron Meyer/PSC**

In late 2013, I called Randy and suggested that we take a look at all of the customer feedback we had received over the years concerning the PSC/McDonald Mount. I wanted to see if we could make a few improvements on the original design. After all, the last generation has been in production for nearly 25 years so I felt there was room for improvement. That one phone call led to another along with several meetings with Randy. Randy and I began to examine every aspect of the original design which is still considered one of the best mounts ever made. We looked at the Red silicone rings, the aircraft aluminum shell, the swivel mount and even the thin anodized coating. In each area, we set out to make improvements. One by one we took on these challenges and made improvements to each facet along the way. One year later we had amassed hundreds of phone calls, emails, sketches, drawings, prototypes, tests and refinements. The result of all this engineering is the new M5 Pro Mount. We think this new design incorporates both the universal simplicity of the original design along with several key improvements that make it the ultimate microphone shock mount. We think that you will enjoy the results of these new improvements as much as we do.

### **How to Properly Load the M5 Pro Mount:**

It has come to our attention that some people are not sure how to properly load a microphone into the PSC/McDonald Universal Microphone Mount. Here is the correct way to load a microphone into your new PSC M5 Pro Mount:



1. Flip the front Clear Glide™ ring forward over the tail end of the microphone while sliding the microphone toward the rear of the mount.



2. Flip the rear Clear Glide™ ring rearward and slip the microphone through the ring to the point where the microphone is nicely balanced in the mount.

\*Note\* The top of the Clear Glide™ rings should be flipped toward each and toward the center of the mount, while the bottom of the rings should be flipped away from each other towards the outside ends of the mount.



CORRECT RING PLACEMENT, REAR VIEW



INCORRECT RING PLACEMENT. MICROPHONE WILL BE UNSTABLE.

3. Attach the cable connector to the microphone.
4. Give the Clear Glide™ rings a little “snap” to release any possible twists in the rings and check to see that the microphone is well settled in the mount.
5. Go Record Great Sound!

### **Special Notes for Heavy or Longer Microphones:**

The M5 Pro shock mount can easily handle heavy and/or mid length shotgun microphones. The Clear Glide™ bands have been optimized for most standard short to medium shotgun microphones. Some microphones are heavier and/or longer than the typical microphone and may require additional suspension support. In this case, the M5 Pro mount can be “tuned” very easily by adding an additional rotation or “twist” to the clear glide bands when loading the microphone into the suspension. This will put more tension on the clear glide bands and increase the microphone’s support. It should be noted that this additional twist can be applied to either the front band or the back band or both bands as required for the particular microphone and application.

\*NOTE\* Our Clear Glide™ rings are an important, integral part of the suspension design. Because of this, we have provided two spare rings in the event a ring should ever break. Hardware store bands may look the same, but they are vastly different and will ruin the performance of your mount. Additional rings are available through any PSC dealer or by contacting us directly.

## **SPECIFICATIONS:**

<b>SIZE:</b>	<b>3.650"x2.250"x4.000"</b> <b>(92mm x 57mm x 102mm)</b>
<b>WEIGHT:</b>	<b>2.3oz (65gm)</b>
<b>MATERIAL, RING:</b>	<b>Laser Cut, 6061-T6 Aircraft Aluminum</b>
<b>MATERIAL, MICROPHONE</b>	
<b>SUSPENSION CAGE &amp; CRADLE:</b>	<b>Laser Cut, 6061-T6 Aircraft Aluminum</b>
<b>MATERIAL, SWIVEL BLOCK:</b>	<b>CNC Milled 6061-T6 Aircraft Aluminum</b>
<b>MATERIAL, CLEAR GLIDE RINGS:</b>	<b>PSC Proprietary Surgical Grade Silicone</b>
<b>FINISH, HOOP &amp; SUSPENSION:</b>	<b>PSC Proprietary Textured Coating</b>
<b>FINISH, SWIVEL BLOCK:</b>	<b>Type II Black Anodize</b>
<b>MOUNTING THREAD</b>	<b>3/8" – 16 TPI</b>

## **PSC M5 Pro Limited Warranty**

Professional Sound Corporation warrants the M5 Pro microphone mount to be free of defective material and workmanship for a period of one year 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 costs 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 connection and/or installation, improper electrical contact or grounding. This warranty will be null and void in the event of removal, alteration or tampering with the serial number. 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 damage.

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## **DECLARATION OF CONFORMITY**

### **RoHS Certificate of Compliance**

Professional Sound Corporation certifies that all products designated by Professional Sound Corporation as “PB-Free”, “RoHS Compliant” or “Green” are compliant with the requirements of the European Union’s Restriction on Use of Hazardous Substances (“RoHS”) Directive, 2002/95/EC.

Professional Sound Corporation bases its material content knowledge on information provided by third parties, including parts manufacturers, distributors and vendors. Only RoHS certified parts and sub-assemblies are used in the assembly of Professional Sound Corporation products. Additionally Professional Sound Corporation has taken and continues to take commercially reasonable steps to insure that its parts suppliers, subcontractors and assembly houses are RoHS compliant.

#### **Level A Banned Substances Threshold, Homogeneous Level**

<b>Asbestos</b>	<b>Not intentionally added</b>
<b>Azo colorants</b>	<b>Not intentionally added</b>
<b>Cadmium 100 ppm,</b>	<b>Not intentionally added</b>
<b>Hexavalent Chromium 1000 ppm,</b>	<b>Not intentionally added</b>
<b>Lead 1000 ppm,</b>	<b>Not intentionally added</b>
<b>Polybrominated Biphenyls (PBB’s) 1000 ppm,</b>	<b>Not intentionally added</b>
<b>Polybrominated Diphenyl Ethers (PBDE’s) 1000 ppm,</b>	<b>Not intentionally added</b>
<b>Polychlorinated Biphenyls (PCB’s)</b>	<b>Not intentionally added</b>

Professional Sound Corporation certifies that all products made on or after June 30th, 2006 to be RoHS Compliant. All such products will be clearly marked with Professional Sound Corporation’s “compliant” label. This label assures the reseller and end user that the product is compliant to RoHS standards.

**Ronald Meyer**

**President**

**Date: December 2014, product is RoHS Compliant.**

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