



**Audio & Video Contact Enhancers**

Xtreme AV LLC  
33331 Ocean Hill Drive  
Dana Point, CA 92629-1122 USA  
Phone: 949.488.7662  
Fax: 815.642.4124

Email: [quicksilvergold@sbcglobal.net](mailto:quicksilvergold@sbcglobal.net)  
Website: [www.xtremeavllc.com](http://www.xtremeavllc.com)

**Thank you for your purchase of our cryo-treated “next generation” QuickSilver or “breakthrough” QuickSilver GOLD Audio & Video Contact Enhancers.** We believe you will be thoroughly amazed by the overall performance gains in your Audio and Video systems... ***taking your Audio and Video experience to the Xtreme!*** In fact, many satisfied customers say that the performance gains they are experiencing in their Audio and Video systems are equivalent to a major component upgrade!

To help in your **QuickSilver (QS)** or **QuickSilver GOLD (QSG)** evaluation and overall experience... I've included some important points to remember and tips with respect to QuickSilver Application... Break-In Time... as well as a recommended step-by-step QuickSilver Treatment Application & Evaluation Sequence that will allow you to get a better feeling of what QuickSilver is doing without introducing an excessive number of variables.

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## **Important Points to Remember Prior to QuickSilver Application**

1. Be sure to **READ THE QUICKSILVER & QUICKSILVER GOLD APPLICATION INSTRUCTIONS** before treatment of your connections.
2. As a reminder, prior to treatment of your connectors, **be sure to MIX QUICKSILVER FOR AT LEAST 30 SECONDS BEFORE EACH USE to a uniform consistency using the NARROW END of the Kit's Mixing Spatula. MIX QUICKSILVER GOLD FOR AT LEAST 60 - 90 SECONDS. REMIX BOTH QUICKSILVER & QUICKSILVER GOLD EVERY 10 – 15 MINUTES when treating your connectors!** Once mixed, scrape off the excess paste on the rim of the jar... wipe off the remaining paste with the Retractable Brush... and then clean off the spatula with a paper towel and place back into the Kit for future use.

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## **QuickSilver & QuickSilver GOLD Audio & Video Break-in Time**

While Audio and Video performance enhancements may be seen and heard immediately after QuickSilver treatment...**OPTIMUM Audio and Video benefits are realized once QuickSilver breaks in... or undergoes a “conditioning” process. QuickSilver’s two key ingredients... our proprietary Silver and our Dielectric Fluid Carrier... undergo simultaneous conditioning by TWO distinct processes:**

1. **SILVER CONDITIONING:** QuickSilver's high purity cryo-treated Silver undergoes **break-in when subjected to AC or DC current.** With signal, QuickSilver's Silver atoms realign themselves... forming "super highways" allowing for more efficient and unimpeded energy transfer. **The Silver conditioning process takes between 72 – 96 hours where an electrical signal is flowing through the treated connectors.** Connectors carrying higher current signals break in more quickly, while lower current carrying signals take a bit longer... **although QuickSilver's Silver conditioning process is near completion at approximately 96 HOURS (4 DAYS) OF BREAK-IN WITH SIGNAL.**
2. **DIELECTRIC FLUID CARRIER CONDITIONING:** QuickSilver's anti-oxidant enriched dielectric carrier also undergoes conditioning... **although its break-in time is not signal related... but atmospheric oxygen related.** As the dielectric fluid carrier is exposed to oxygen... it undergoes a polymerization reaction forming longer chain molecules... and becomes a relatively hard solid (that still can be easily removed with Alcohol and a cotton swab). This polymerization not only increases QuickSilver's ability to protect treated connectors from corrosion, but also causes the carrier to slightly shrink... compacting the Silver particles... increasing the number of Silver-to-Silver particle contact points... resulting in lower resistance across the connector interface. **This is why QuickSilver's Audio & Video performance gains continue to improve OVER THE NEXT 21 – 120 DAYS following treatment!!!**

**AUDIO BREAK-IN:** While you may experience performance gains immediately after QuickSilver treatment... QuickSilver does undergo dramatic changes during its **TWO-STAGE break-in process...** some positive and some temporarily negative. **Please allow 72 – 96 HOURS OF BREAK-IN WITH MUSICAL SIGNAL before forming an initial impression... and THEN WAIT 21 DAYS FOLLOWING TREATMENT before performing any **SERIOUS Audio and/or Video evaluation** in order to allow enough time for the dielectric carrier to undergo its initial oxygen-dependent polymerization reaction. Immediately following application... your system may sound a bit full or lush in the bass and mid frequencies... a little "softer" in the high frequencies... and the soundstage may compress a bit (especially in height). **With 21 DAYS OF BREAK-IN... expect to experience the increased resolution in a more ideal tonal balance... where the highs become equally resolving and crystal clear... the soundstage expands considerably... and the presentation sounds more natural... yet dynamic!** And it gets even better... as **the overall musical presentation continues to noticeably improve over the next 120 DAYS** as the dielectric carrier undergoes polymerization!**

**VIDEO BREAK-IN:** **Enhanced resolution and color vibrancy are immediately apparent** after QuickSilver treatment... where you may need to adjust your color levels, contrast and sharpness levels down a bit. As the dielectric carrier breaks in... **the images will get noticeably better at around 21 DAYS after treatment... and will continue to noticeably improve over the next 120 DAYS...** where you may need to adjust/re-calibrate your display's settings (especially the color level) throughout this time period.

## Recommended Audio & Video Evaluation & Treatment Sequence

### **SIX STEP AUDIO SYSTEM TREATMENT SEQUENCE:**

To help minimize the number of variables during **QuickSilver (QS) or QuickSilver GOLD (QSG) treatment and evaluation...** we have found that the following QS and QSG Application Sequence works best (based on our “Garbage in Garbage out” philosophy) – although you can paste all of your Audio connections if you so choose. **NOTE: You NEVER treat any Female holes when using QS or QSG.**

#### **1. POWER CONDITIONER:**

If using an AC Power Conditioner/Purifier... treat your:

- **Male AC Power Cable plug**
- **Power Conditioner’s Male AC Inlet**
- **Fuse(s)**

#### **2. DIGITAL AND/OR ANALOG SOURCES:**

If using a CDP, Transport/DAC combo or Turntable... treat your:

- **CDP or Transport/DAC combo Interconnects and/or Turntable Interconnects**
- **Male AC Power Cable plugs to each component**
- **Male AC Inlets to each component**
- **Fuse(s) to each source component(s)**
- **NOTE:** If using a Transport/DAC combo... treat both the Digital Interconnect and your CDP to Preamp Analog Interconnects.
- **NOTE:** It is advised to wait for the initial break-in of 96 hours with signal before going to the next step.

#### **3. PREAMPLIFICATION AND POWER AMPLIFICATION COMPONENTS:**

If using a separate Preamplifier/Power Amplifier Combo... or an Integrated Amp or Receiver... treat your:

- **Preamp to Power Amplifier Interconnects**
- **Male AC Power Cable plugs to each component**
- **Male AC Inlets to each component**
- **Fuse(s) to each component**

#### **4. SPEAKER CABLE CONNECTIONS AND SPEAKER FUSES:**

For all Speakers and Subwoofers... treat your:

- **Spade, Banana or Naked Wire Speaker Cable terminations**
- **Male AC Power Cable plugs to each component**
- **Male AC Inlets to each component**
- **Fuse(s) to each Speaker or Subwoofer (if any)**
- **NOTE:** It is only necessary to treat the Speaker Cable Spades, Banana Plugs or bare wire... and one need not apply QS or QSG to the Speakers’ Binding Posts. Also, it is strongly recommended to clean and deoxidize any bare copper or silver-plated connectors with DeoxIT™ prior to QS or QSG application. **Be sure to REMOVE ANY DEOXIT RESIDUE with isopropyl Alcohol and a cotton swab prior to QS or QSG application.**
- **NOTE:** It is advised to wait for the initial break-in of 96 hours with signal ... **preferably 21 DAYS following treatment...** before going to the next step of treating any Vacuum Tubed Components.

## 5. VACUUM TUBES:

If using Vacuum Tubed Components... treat your:

- **Tube Pins on your Digital Component(s)**
- **Tube Pins on any Preamplifier or Phono Preamplifier**
- **Tube Pins on your Power Amplifiers**
- **NOTE:** You may need to first clean the Tube Pins with Deoxit using a thin strip of the mildly abrasive “white” ScotchBrite pad and cotton swabs. **Be sure to REMOVE ANY DEOXIT RESIDUE with isopropyl Alcohol and a cotton swab prior to QS or QSG application.**
- **NOTE:** Be sure to **RE-BIAS any Tubes on your Power Amplifier IMMEDIATELY following QS or QSG treatment... and DAILY or EVERY COUPLE OF DAYS for the next 14 DAYS** following treatment according to your manufacturer’s instructions.

## 6. LAST, KICK BACK... RELAX AND ENJOY YOUR MUSICAL EXPERIENCE!!!

### FIVE STEP VIDEO/HT SYSTEM CONNECTOR TREATMENT SEQUENCE:

Video/Home Theater performance enhancements using QS or QSG are DRAMATIC... as “a picture is worth a thousand words” ...and Video enhancements have less “subjective” variables when compared to Audio enhancements (system synergy, listener preferences, etc.).

Video performance enhancements using QSG are more immediate... although QS provides nearly equal performance enhancements over time (120 DAYS to 8 MONTHS). **We have found that QSG on Video is like taking HDTV performance to a whole new level... that we call Super-HDTV™!!!**

### 1. VIDEO DISPLAYS:

If using TV/CRTs, DLPs, Plasmas, LCDs or Projection displays... treat your:

- **Component Video, Composite Video or S-VHS Interconnects**
- **DVI or HDMI Cables** (treating these cables are **VERY CHALLENGING... and NOT RECOMMENDED** if you do not have steady hands **AND** magnifying loops).
- **Male AC Power Cable plugs to each component**
- **Male AC Inlets to each component**
- **Accessible Fuse(s) to each component (if any)**
- **NOTE:** You may need to first clean the Copper center pin of the Coaxial cable with Deoxit using a thin strip of the mildly abrasive “white” ScotchBrite pad and cotton swabs. **Be sure to REMOVE ANY DEOXIT RESIDUE with isopropyl Alcohol and a cotton swab prior to QS or QSG application.** To MAXIMIZE performance (but not necessary to obtain great results)... if one has the tools... it is best to re-terminate all coaxial cable connections with new RG crimp-on connectors so one exposes fresh copper prior to QS or QSG application.

### 2. SOURCE COMPONENTS:

If using DVD, VHS, Laserdisc, Cable Boxes, Satellite Boxes, Video Scalers, Line Doublers, Tivo, etc., treat your:

- **Coaxial Cable connections...** including any room splitters or in-line amplifiers... preferably out to the street hook-up or satellite dish.

- **Component Video, Composite Video or S-VHS Interconnects** (including those with RCA or BNC connections)
- **DVI or HDMI Cables** (treating these cables are **VERY CHALLENGING... and NOT RECOMMENDED** if you do not have steady hands **AND** magnifying loops).
- **Male AC Power Cable plugs to each component**
- **Male AC Inlets to each component**
- **Accessible Fuse(s) to each component (if any)**

### 3. POWER CONDITIONER:

If using an AC Power Conditioner/Purifier... treat your:

- **Male AC Power Cable plug**
- **Power Conditioner's Male AC Inlet**
- **Fuse(s)**

### 4. ANTENNAE, COAXIAL CABLE AND/OR SATELLITE FEEDS:

- **Antennae, Coaxial Cable or Coaxial Satellite feeds...** including any room splitters or in-line amplifiers... preferably out to the antennae, cable box street hook-up or satellite dish.
- **NOTE:** You may need to first clean the Copper center pin of the Coaxial cable with Deoxit using a thin strip of the mildly abrasive "white" ScotchBrite pad and cotton swabs. **Be sure to REMOVE ANY DEOXIT RESIDUE with isopropyl Alcohol and a cotton swab prior to QS or QSG application.** To MAXIMIZE performance (but not necessary to obtain great results)... if one has the tools... it is best to re-terminate all coaxial cable connections with new RG crimp-on connectors so one exposes fresh copper prior to QS or QSG application.

### 5. LAST, KICK BACK... RELAX AND ENJOY YOUR VIDEO OR HOME THEATER EXPERIENCE!!!

Once you have had a chance to evaluate QuickSilver™ or QuickSilver GOLD™ on your Audio and Video systems... I would greatly appreciate any feedback or testimonial you could share.

I look forward to hearing from you...

Enjoy the Music... and Video!!!

Sincerely,

**Brian K. Kyle**  
**CEO - Inventor**  
**Xtreme AV LLC**  
**33331 Ocean Hill Drive**  
**Dana Point, CA 92629-1122**

**Phone:** 949.488.7662  
**Fax:** 815.642.4124  
**Email:** [xtremeavllc@sbcglobal.net](mailto:xtremeavllc@sbcglobal.net)  
**Website:** [www.xtremeavllc.com](http://www.xtremeavllc.com)



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