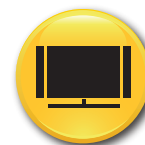




AUDIO/VIDEO 1-2-3



The 1-2-3 On Selecting the Products You will Need to:

Improve and protect the performance and reliability of Audio and Video Equipment; Components, TV's, Monitors, Displays, Indoor/Outdoor Speakers, Recording Equipment, Gaming Equipment, Tablets, Phones, MP3, Headphones, Cameras, Navigation, Drones and many more!

KEEP IN MIND:

The 1-2-3 is a quick look on selecting products you may need to service and improve your equipment. Obviously, there are so many different applications, some of which are unique or challenging, we can not cover all of them. Please contact us if you need additional help selecting: [Contact Us](#).

If you are already familiar with how to use CAIG products and just need product and applicator suggestions, Go To Page 6 for recommendations.

A. Electrical/Electronic Connections - Indoor

Products Recommended: DeoxIT[®] D-Series, DeoxIT[®] Gold, DeoxIT[®] Shield, Contact Cleaner WASH.

The FIVE basic questions you will need to consider to select WHICH PRODUCT:

1. Materials involved - which conductive material (nickel, tin, silver, steel, gold, copper, etc.)
2. Severity of the oxidation/corrosion.
3. Are surfaces easy to access
4. Any sensitive materials or components
5. Is flammability an issue

USE the DeoxIT[®] Selection Guide to also help you decide: <https://caig.com/deoxit-selector-guide/>



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THE 1-2-3, FIVE Basic Questions. Choosing the Product and then the Applicator

1. If it is a non-ferrous metal (yellow color; gold, copper, bronze, etc.) - **Select DeoxIT® Gold Series.**
If it is a ferrous metal (white color; nickel, tin, silver, steel, etc.) - **Select DeoxIT® D-Series and/or DeoxIT® Shield.**
2. Severity of oxidation/corrosion:
 - a) Very severe: Refer to “Outdoor and Severe Applications” below.
 - b) Severe: Whether ferrous or non-ferrous, use the DeoxIT® D-Series to clean. You may have to apply several times over several days depending on severity. Once clean, follow selecting product #1 above.
 - c) Minor: Use DeoxIT® Gold on non-ferrous metals. Even if the surfaces have minor amounts of oxidation, DeoxIT® Gold will remove. It may take a bit more time, however, it will be effective. Use DeoxIT® D-Series on ferrous metals, follow with DeoxIT® Shield (once surface is cleaned) in severe environments (high humidity, corrosive, salts and pollution, etc.).
 - d) How old is equipment: Are surfaces in good condition or deteriorated. We recommend not using any applicator with solvents without testing first. Contact surfaces maybe deteriorated and solvents may flake off or displace metal. Use 100% DeoxIT.
3. Accessibility:
When surfaces are easy to access, we usually recommend non-aerosol applicators. Apply product and wipe off excess. Only small amounts are require for maximum results. When access is difficult, use aerosol/spray or needle dispenser (example; D100L-25C). **Refer to NOTES on page 4.**
4. Areas or products with sensitive materials, use non-aerosols. Solvents may effect materials, especially on older components that may have already started to deteriorate. Aerosols and or solvents maybe okay. Just test on one item or part, wait several days. If okay, then proceed on other parts/controls. **Refer to NOTES on page 4.**
5. If flammability is an issue, use non-flammable aerosols/sprays (Example; DN5S-6N, DN5S-2N) and/or 100% solutions (Example; D100L-25C, D100P, D50W, etc.) . The “Description” TAB on the product will identify solution percentage (5%, 100%, etc.), and if the product is flammable or not.

B. Electrical/Electronic Connections - Outdoor and Severe Applications

Products Recommended: DeoxIT® D-Series, DeoxIT® Shield, DeoxIT® L260/L260D Grease, DeoxIT® SM22/SM22D Grease

Electrical/Electronic connections in severe environments (high humidity, corrosive, salts and pollution, etc.), have two main issues; oxidation/corrosion of the actual surfaces that make the connection/circuit and the physical aspects which may be both electrical and mechanical. Physical aspects include treads of a screw connector and the outer metal casing of a connector. Examples; COAX cable; inner conductor and the socket/external threads. XLR connector with inner conductors & outer socket threads. Outdoor antenna screw connectors. Outdoor speaker connectors.



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The FOUR basic questions you will need to consider to select WHICH PRODUCT:

1. Is this an electrical, mechanical or electrical connection with mechanical movement.
2. Are components/equipment exposed to the elements or semi-protected.
3. Voltage and amperage? Up to 115v, Over 115v, Up to 5 amps, Over 5 amps.
4. What type of contaminants and how severe.

THE 1-2-3, FOUR Basic Questions. Choosing the Product.

1. Make your selection.

Electrical - Could be DeoxIT® D-Series, DeoxIT® Shield, DeoxIT® L260D or DeoxIT® SM22D Grease

Mechanical only - Could be DeoxIT® L260/L260D or DeoxIT® SM22/SM22D Grease

Electrical and Mechanical - Could be DeoxIT® D-Series, DeoxIT® Shield, DeoxIT® L260D or DeoxIT® SM22D

2. If connections are semi-protected; for example, connections inside a irrigation control box.

We would recommend the DeoxIT® D-Series and/or DeoxIT® Shield.

If connections are exposed to the elements; for example; outdoor speaker connectors, boat instrument connectors.

We would recommend the DeoxIT® D-Series and/or DeoxIT® Shield, DeoxIT® L260D, DeoxIT® SM22D

3. Connections Up to 115v and below 5 amps we would recommend the DeoxIT® D-Series and DeoxIT® Shield. Connections above these numbers, most likely the DeoxIT® L260D or SM22D Greases.

4. For connections under severe conditions; for example, high humidity, salts, pollution, etc., we would recommend:

The DeoxIT® D-Series to clean surfaces, then the DeoxIT® Shield when semi-protected.

The DeoxIT® L260D or SM22D when totally exposed to elements. If surfaces are already oxidized, surface may need pre-cleaning with DeoxIT® D-Series.

- 4a. For strictly mechanical connections; if surfaces are oxidized/corroded use the DeoxIT® L260D or SM22D Greases. If surfaces are clean/new, use the L260 or SM22 Greases.

4. **NOTE:** For severely oxidized surfaces cleaning particles are available infused into the greases. See description and uses: <https://caig.com/grease-2-sample/>

C. Electronic Connections - Pots, Faders, Conductive Plastics and Carbon-based Controls

Products Recommended: DeoxIT® D-Series D100S-2, DeoxIT® Fader and DeoxIT® FaderGrease

The FOUR basic questions you will need to consider to select WHICH PRODUCT:

1. Is this a rotary potentiometer (pots) or linear fader.
2. Materials involved; conductive plastics or carbon ONLY or with metal rails and surfaces.
3. How old is equipment, are surfaces in good condition or deteriorated.



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4. How much tactile feel is required.

THE 1-2-3, FOUR Basic Questions. Choosing the Product.

1. Make selection
2. Rotary mostly likely have metal components and perhaps carbon too.
Linear pots/faders mainly have carbon, however, may also have metal rails.
3. On newer equipment, under 10 years old, you should be able to use a spray with solvents.
On pots/faders with carbon and metal use either D5S-6 or DN5S-6N. Spray one or two short bursts into the pot, rotate 10 times, then apply one more short burst.
Older equipment use the D100S-2 spray. This spray dispenses 100% DeoxIT® and no solvents. Spray one or two short bursts, rotate 10 times, then apply one more short burst.
On linear pots/faders with ONLY carbon (conductive plastics), we recommend either DeoxIT® Fader F5S-6 (with solvents) or DeoxIT® Fader F100S-L2 (without solvents on older equipment). This spray dispenses 100% DeoxIT® and no solvents. Spray one or two short bursts, rotate 10 times, then apply one more short burst.
4. After you apply the above treatments, you require more tactile feel to the pot/fader, we recommend applying the DeoxIT® FaderGrease.
Recommended product: <https://caig.com/product/deoxit-fadergrease-dfg-213-8g/>

NOTES:

- a) **Sensitive Materials:** When using sprays, be careful not to spray on porous materials; guitar (pick-guard, wood, etc.). If you must use a spray, use one without solvents (D100S-2, G100S-2, F100S-L2). If you get on sensitive materials, wipe up immediately. If you need to treat the output jack, spray or wipe the jack on the cable, then plug in. Once plugged in, the DeoxIT® will treat the socket. For the strings, use DeoxIT® AxeWipes, string wipes:
<https://caig.com/product/deoxit-axewipes-ax30w/>
- b) **Spraying inside a tight space:** Use the extension tube supplied with the spray can. If you use one of our Perfect-Straw™ actuators (yellow straw), we have many different attachments to choose from;
<https://caig.com/accessories-cloth-swabs-brushes-extension-tubes-etc/>
If you use a spray can with the L-M-H valve, use the red straw.



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PRODUCT RECOMMENDATIONS:

(NOTE: If a number has a second number, with the alphanumeric, choose one or the other)

General Use:

1. DeoxIT® D5S-6, standard spray, 142 g
- 1a. DeoxIT® DN5S-6N, non-flammable spray, 163 g
2. TIP attachment, 45 degree
3. DeoxIT® D100L-2DB, brush applicator, 7.4 mL
- 3a. DeoxIT® D100L-25C, needle dispenser, 25 mL

Purchase

- D5S-6
DN5S-6N
PS-SS45T
D100L-2DB
D100L-25C

With Audio/Video Equipment: (Purchase General Use, plus these)

4. DeoxIT® Gold G100L-2DB, brush applicator, 7.4 mL
5. DeoxIT® Gold GN5S-2N, non-flammable spray, 40 g

- G100L-2DB
GN5S-2N

With Recording Equipment: (Purchase General Use, plus these)

6. DeoxIT® D100S-2, 100% spray, 57 g
7. DeoxIT® Fader F5S-6, standard spray, 142 g
8. DeoxIT® Fader F100S-L2, 100% spray, 57 g
9. DeoxIT® FaderGrease, DFG-213-8G, 8 g

- D100S-2
F5S-H6
F100S-L2
DFG-213-8G

Outdoor and Severe Applications: (Purchase General Use, plus these)

10. DeoxIT® Grease L260-N1, squeeze tube, no particles, 28 g
- 10a. DeoxIT® Grease L260-N1, squeeze tube, no particles, 226 g
11. DeoxIT® Grease L260-DN1, squeeze tube, with cleaner, no particles, 28 g
- 11a. DeoxIT® Grease L260-DN1, squeeze tube, with cleaner, no particles, 226 g

- L260-N1
L260-N8
L260-DN1
L260-DN8

Outdoor and Severe Applications - High Performance: (Purchase General Use, plus these)

12. DeoxIT® Grease SM22-N1, squeeze tube, no particles, 28 g
- 12a. DeoxIT® Grease SM22-N6, squeeze tube, no particles, 170 g
13. DeoxIT® Grease SM22-DN1, squeeze tube, with cleaner, no particles, 28 g
- 13a. DeoxIT® Grease SM22-DN6, squeeze tube, with cleaner, no particles, 170 g

- SM22-N1
SM22-N6
SM22-DN1
SM22-DN6

OPTIONAL HIGH PERFORMANCE CAIG PRODUCTS:

(NOTE: If a number has a second number, with the alphanumeric, choose one or the other)

14. HAND-E-GLOVE®, Protective Lotion, squeeze tube, 177 mL
- 14a. HAND-E-GLOVE®, Protective Lotion, pump, 472 mL
15. Contact Cleaner Wash, spray, General Purpose, 156 g

- EEP-102-06
EEP-102-16
DCC-V511



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|---|-----------|
| 16. Screen Cleaner Kit, for most screen surfaces, 2 oz fill | CCS-502 |
| 16a. Screen Cleaner Kit, for most screen surfaces, 22 oz fill | CCS-503 |
| 17. Equipment Cleaner & Conditioner, for most surfaces, 8 oz fill | CL-ECP-08 |
| 18. DISC & Screen Cleaner, for most surfaces, 8 oz fill | CL-DSC-08 |
| 19. VINYL Record Cleaner, for vinyl records, 8 oz fill | CL-VRC-08 |

KITS:

- | | |
|--|---------|
| 20. Lint-Free Accessory Kit, assortment of lint-free products | K-AS10 |
| 21. Audio/Video Survival Kit, Excellent for display or On-the-Go | SK-AV35 |
| 22. Technicians Survival Kit, Excellent for display or On-the-Go | SK-IN30 |
| 23. DeoxIT® Professional Vacuum Tube Kit | SK-GXMD |

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Audio/Video 1-2-3 Information Sheet (SB-AV123, 7/2020)



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**Audio/Video Information Sheet
SB-AV123, 7/2020**

