

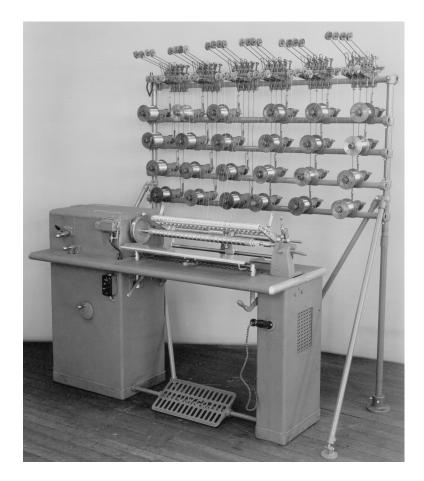


# **Product Infomation Catalog 2024 - 2025**

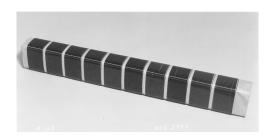
### **Greetings!**

Here is a listing of Inductors and Transformers currently available from Vintage Windings. Everything here is 100% hand made in the USA in very small runs. All materials and methods used to realize the inductors and transformers presented here are period correct. MPP toroid inductor cores and correct US made transformer core alloys are used throughout. Working examples of all transformers have been meticulously reverse engineered and, in most cases, compared with original company winding data. In addition to standard models, several iconic Triad transformers have been upgraded and wound bifilar in the fashion of the best transformers from Peerless. This affords equal balance of both halves of the primary and secondary in DCR and capacities to ground.

# There are product information sheets with specifications for all products in this catalog at www.vintagewindings.com



The machine in the photo is a Leesona 108 'Stick Winding' machine. This is the type of machine that the majority of the transformers in this catalog were originally wound on. The technicians, mostly female, worked these machines with incredible skill winding coils, not knowing at all where those coils might end up. The idea here is to wind several coils at the same time. As you can see by the photo, there are many things to watch and many more to go wrong. The current low demand for these types of coils no longer justify mass winding of dozens of coils. Vintage Windings has come up with a proprietary technique for winding layer wound coils one or two at a time. The coils are virtually identical to those freshly cut from a multi coil spindle.



Splindle of a multi-coil wind.

Thank you to Drip Electronics and Seventh Circle Audio for your great kits and input over the years!

Vintage Windings has no affiliation with Triad Magnetics or Altec Peerless transformer companies.



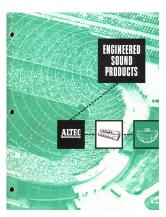
# **Product Infomation Catalog 2024 - 2025**

# The Free Pro Audio Library









From day one I wanted my website to provide value to the viewer even if there is no intent to buy, so... please don't forget the vast collection of Free Pro Audio Manuals and Documentation at the Vintage Windings web site, www.vintagewindings.com. You will find hundreds of free manuals and old, rare audio documentation along with a hoard of historical Western Electric transformer manufacturing documentation, all scanned in very high definition. All free.

# The Vintage Windings USB Drive

Some folks like to have all of the documentation available on my website. Since all of the documentation posted there is very high definition, the files take time to download. Get every document on my website conveniently on one USB drive for the incredibly low price of only \$29.99 + shipping! That is less expensive than e-bay sellers sell the individual manuals for! Many of theose sellers use my documents for their masters. Don't be fooled. The USB drive also has all my Transformer Dissection Papers included.

# **Buying & Contact Information**

I sell on E-bay, id. bassmancp. I also take orders through my website and on the phone. Payments may be made through Paypal, Venmo or Zelle. Other payment options possible. Custom orders are usually turned around in 2-3 days. If you have any questions please do not hesitate to call. Thank you.

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E-bay - bassmancp



# Vintage Transformer Re-issues 2024 - 2025

Vintage Windings vintage audio transformers are built to exact original specifications using original materials, core alloys, and wire. They are not close approximations, they are exact reproductions, 100% hand made in the USA. The cases are welded Ni-Fe rather than extruded and most are triple shielded with Mu-Cu-Mu-Case shielding for super quiet operation. Improved bifilar versions of several iconic Triad transformers are also available. The alloys and stampings for these are being phased out. These will be produced as long as the correct US made core material is available. This is the finest line of audio transformers being made today.



**Vintage Windings VW-T-56:** Recreation of the original Triad HS-56. Exact Reissue with the exception of the welded case. Better than 90db shielding.



**Vintage Windings VW-P-56:** Bifilar Wound version of the original Triad HS-56. Improved Re-issue with a welded case. Better than 90db shielding. The BEST line transformer made today.



**Vintage Windings VW-T-52:** Recreation of the original Triad HS-52. Exact Reissue with the exception of the welded case. Better than 90db shielding.



**Vintage Windings VW-P-52:** Bifilar Wound version of the original Triad HS-52. Improved Re-issue with a welded case. Better than 90db shielding, Superb!



**Vintage Windings VW-50:** Recreation of the original Triad HS-50. Exact Reissue with the exception of the welded case. Better than 90db shielding.



**Vintage Windings VW-P-50:** Bifilar 1:5 Ratio Transformer with larger core than an HS-50. Can handle dc on secondary. Better than 90db shielding. With CT.



# Vintage Transformer Re-issues 2024 - 2025



**Vintage Windings VW-241-D:** Recreation of the venerable Peerless K-241-D. Exact Bifilar Wound Re-issue with the exception of the welded case. Better than 90db shielding. The Absolute Best!!.



**Vintage Windings VW-1:** Exact Reissue of the original Triad HS-1 with a welded case. Better than 90db shielding. Excellent Input Transformer!



**Vintage Windings VW-29:** Recreation of the original Triad HS-29. Exact Reissue with the exception of the welded case. Better than 90db shielding.



**Vintage Windings VW-CM-23:** Similar to the Triad JO-23 with a slightly larger core. The Best Transformer for Church Microphones. Better than 90db shielding. Superb!!



**Coming Soon!! Vintage Windings** Recreation of the original Pultec MB-1 in modular form. Brand New!!

# Here is what the customers say!

"Transformer works fantastically well as an output transformer for totally passive Pultec clone without amplifier i.e. just Pultec EQ circuit and transformer as an output interface to other studio gear. Visually really beautiful product as well. Really nice, thank you very much!"



Vintage Windings vintage audio Inductors and Filters are made to meet or excede the original specifications of the models they replace. All Pultec style inductors available here are made with 100% MPP toroid cores. The Pultec replacement coils have slightly larger cores than the original models. This is so they do not saturate. The Pultec sound is not the sound of saturated inductors as some on the internet claim. Inductors cease operation under saturation. Vintage Winding inductors will not saturate under any line level signal. They are wound to match the Q of the original coils as close as possible. All Vintage Windings inductors and filters are available in very tightly matched pairs at no extra cost. These are the only MPP Pultec style coils available today.









**Vintage Windings EQ-1A:** Re-creation of the venerable Pultec EQP-1A Inductor. This is the best Pultec style Inductor made today. It is made with a 100% MPP toroid core just like the original models. These are available in stereo matched pairs, matched to better than .5% (point 5%). They are my most popular item with 100's of them being used currently in top notch studios all over the planet. Vintage Windings has recalculated the values to match the original Pultec frequency specifications precisely. Also available with an extra 20K "air band" tap. The TAP values are as follows: 3K Hz. 156mH, 4K Hz. 87.9mH, 5K Hz. 67.5mH, 8K Hz. 48.2 mH, 10K Hz. - 12K Hz. 31.4 mH, 16K Hz. 29.9mH. On the 20K model there is an extra 20K Hz. tap at 28.8 mH.

### Here is what the customers say!

"Hello, I just purchased a matched pair of your pultec inductors and I wanted to thank you for making them. I bought two drip electronics pultec eqp-1a clones which uses the s(xxxx)r inductor. I was unimpressed and about to sell them before I was turned onto your inductors by Greg from Drip Electronics. The inductor alone turned my clones from boat anchors to beautifully musical and punchy eq's! Amazing... Thanks, J R".



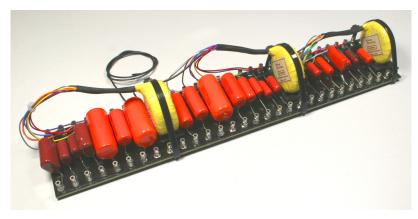
### Vintage Windings MEQ-5 Coil Set



**Vintage Windings MEQ-5 Coils Set of Three:** Re-creation of the venerable Pultec meq-5 set of Inductors. The MEQ coil set is also very popular. The best part is that, along with Vintage Windings VW-50 and VW-T-56 transformers, a perfect new Pultec type MEQ-5 can be built today! We're not talking a close copy, we are talking the real deal. A world class version of this equalizer can be built using the Vintage Windings VW-P-56 and VW-P-50 transformers. Yes, better than the originals.

The TAP values are as follows: Low Coil; 200 Hz. 520mH, 300 Hz. 420mH, 500 - 700 Hz. 280mH, 1K Hz. 120mH: Mid Dip Coil; 200 Hz. 420mH, 300 Hz. 277mH, 500 - 700 Hz. 145mH, 1K Hz. 108mH, 1.5K Hz. 61mH, 2K - 7K Hz. 34mH: Hi Coil; 1.5K - 2K Hz. 625mH, 3K-5K Hz. 477mH. All MPP Cores. Also available in very tightly matched pairs. Note: Each coil is brought to final values by hand so all of them are very well matched. These, like Vintage Windings transformers, are recomended by several kit manufacturers and used in several OEM products. The MEQ Coils are also available separately

# The Vintage Windings Classic 3 Band Equalizer



Read all about it on the next page.



# The Vintage Windings Classic 3 Band Equalizer

Continued from previous page

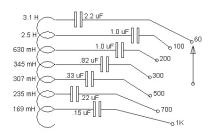


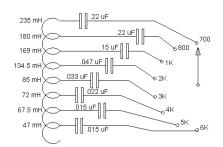


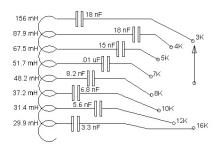


Vintage Windings Old School 3 Band Equalizer VW-OS-3: Engineered to re-create the lush three band equalizers found in recording consoles from the 1960's and 70's, this set hits the mark perfectly. It is available in two forms. The first is as the photo on the previous page. Each 3 band channel of the equalizer is built on a high quality turret board employing Orange Drop Polypropylene Capacitors. (please see the notation regarding filter capacitor selection later in this catalog). The second version of this equalizer places the coils and capacitors in small discrete shielded cans. The capacitors in the second version are a very high quality mix of polypropylene and polystyrene types. The gain can be supplimented with a tube stage or placed between two discrete opamps as shown on next page. There are many taps for more control over your sound. Coils also available separately.

The TAP values are as follows: Low Coil; 60 Hz. 3.1H, 100 Hz. 2.5H, 200 Hz. 630mH, 300 Hz. 345mH, 500 Hz. 307mH, 700 Hz 235mH, 1K Hz. 169mH: Mid Coil; 700 Hz. 235mH, 800 Hz. 180mH, 1K Hz. 169mH, 2K Hz. 134.5mH, 3K Hz. 85mH, 4K - 72mH, 5K Hz. 67.5mH, 6K Hz. 47mH: Hi Coil; 3K Hz. 156mH, 4K Hz. 87.9mH, 5K Hz. 67.5mH, 7K Hz. 51.7mH, 8K Hz. 48.2mH, 10K Hz. 37.2mH, 12K Hz. 31.4mH, 16K Hz. 29.9mH, 20K Hz. 28.8mH. All MPP Cores. Also available in very tightly matched pairs.



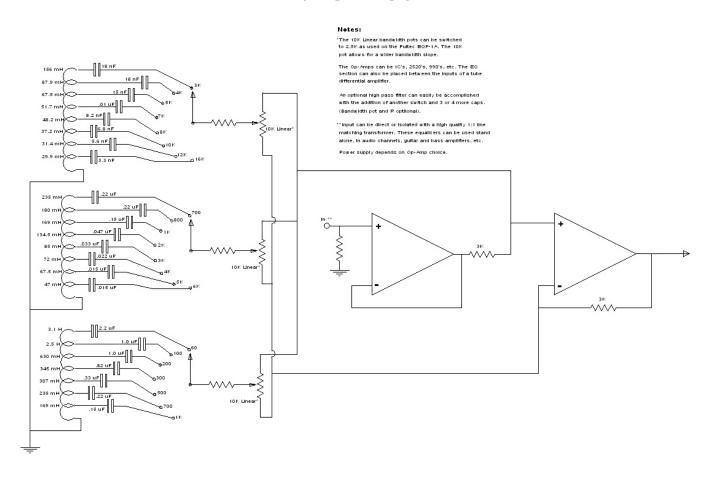






# The Vintage Windings Classic 3 Band Equalizer

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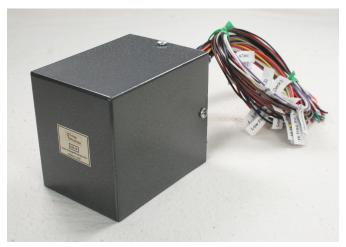


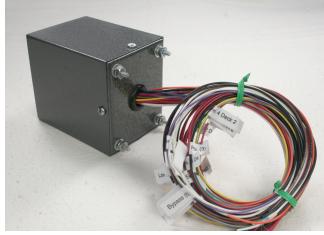
# A note about capacitor selection

Capacitor Selection for LCR Filters: Thanks much to the audiophoolery on the internet, capacitor selection for audio has become almost as polarizing as religion and politics. I will tread lightly here. Please keep in mind that I have opened and reverse engineered many Pultec filter units. More than a handful had melted capacitors from being potted at too high of temperature at manufacture. That said, Pultec used decent quality, mostly Aerovox and Sangamo (mica), capacitors. I recommend an internet search for Cyril Bateman's Capacitor Sound articles and have a serious read. It will save you much money in avoiding snake oil scams selling you 'magic' capacitors. In Vintage Windings EQP Filter modules (next page), I use a combination of Polypropylene and Polystyrene capacitors. Polystyrene are what is considered the most technically best. They are not available in all sizes so Polypropylene is the next best choice. These are, of course, simply rules of thumb. ymmv.

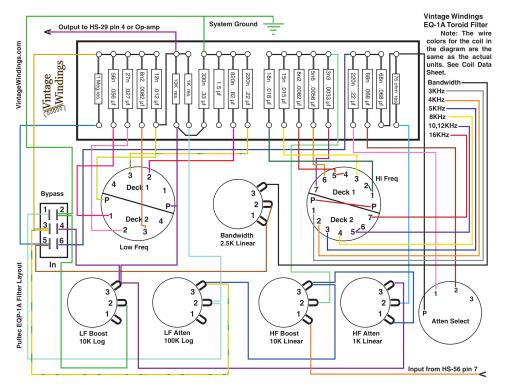


### The Vintage Windings EQP-1A Complete Filter Unit





Vintage Windings EQP-1A Complete Filter Unit: Another very popular item. This is a ready to wire in Complete Filter Section for a Pultec EQP-1A style equalizer. The shielded case contains a Vintage Windings EQ-1A MPP toroid inductor coil and all of the capacitors and resistors needed for the filter section of the EQP-1A. Capacitors are high quality Polystyrene and Polypropylene for optimal performance. The components are potted in a Hammertone finish case matching the later Pultec style filter cases. All leads are plainly labeled and each unit is fully tested before shipping. The EQP-1A has always received 100% positive feedback. Also available with an extra 20K 'air' tap for the high boost.



#### Vintage Windings VW-EQP-

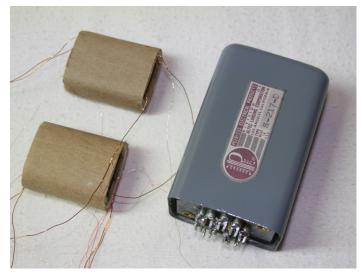
**1A:** Contains an MPP coil and all of the components in the black box in the diagram. With the addition of the switches and potentiometers in the lower section, an opamp, VW-56 input and output transformers and an inexpensive Power One power supply, a world class equalizer can be quite easily constructed that will rival the best vintage models.



# Vintage Transformer Rewinding Service 2024 - 2025

### The Vintage Windings S-217-D Rewind/Refurbish





**Vintage Windings S-217-D Rewind and Refurbish:** Rewind your S-217-D to original specifications. Using all the proper materials as were used in the original manufacture to perfectly preserve the original Peerless sound. With or without refinish of the case.



**Vintage Windings Vintage Transformer Rewinding Service:** We can rewind most audio and power transformers. Left to right is a McCurdy AU-300 output transformer (second gen.). Middle is a RCA BA-6A Interstage transformer, and, right, AKG C-12/24 output transformer. We can rewind German/European Tube Microphone Transformers to spec. We also rewind small to mid size industrial transformers. We use all original materials when rewinding vintage transformers.

E-mail for rewind pricing info@vintagewindings.com

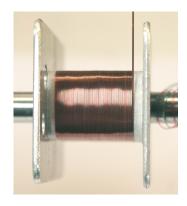


### Why parallel bifilar winding is better.

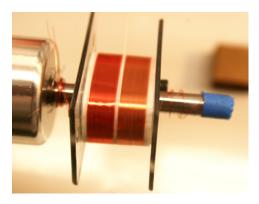
Some Vintage Audio Transformers are in a different class than others and most modern types are included in that statement. Why is that? During what is considered the golden age of recording, the period between the mid 1960's up to the early eighties, transformers were everywhere and in everything electronic. For instance, it was not uncommon for transformers to be used between each gain/unity stage of a recording console. A professional vacuum tube console would have an input and output transformer on the mic-preamp stage, going into a line stage, also with an input and output transformer, into a program amplifier, and, it too would have an input and output transformer. This means that on a standard Langevin or UA console the signal might go through 6 plus transformers before being sent along the line (probably through more transformers). This meant that losses and colorations of the transformers had to be absolutely minimized to have a good representation of the original program material. In order to accomplish this, electro-magnetic engineers have concocted all sorts of winding techniques to keep capacitive interactions and losses at a minimum. The fact that the signal could go through so many transformers and still sound great at the end is almost unbelievable. How did they do it?

In the early days at Western Electric, and, a bit later, at their Bell laboratories facility, WE engineers extensively studied sound and how it is perceived by human ears. There were engineers at Bell Labs whom were hard core hi-fi enthusiasts and had incredible sound systems installed in their homes. Bell labs issued many papers on audio sound, much of which was theater sound oriented, and they developed vacuum tube amplifier topologies and patents that are still used today. Western Electric made some of the best audio transformers ever made, communications was a major field of their business, however, even before the government forced WE breakup of 1982, WE had already moved on from that type of development and passed the manufacture of pro sound gear to Langevin. As Western Electric exited the sound manufacturing business their top electro-magnetic engineers dispersed to other companies taking the WE winding techniques with them.

One of the techniques that Western Electric pioneered was the parallel, bifilar winding technique. This is a technique where the low side of the transformer is wound bifilar (two conductors wound side by side at the same time), and the high side of the transformer is "pie wound" which is simply two narrow windings wound next to one another simultaneously. This was the essence of the Altec-Peerless 20-20 range of transformers.



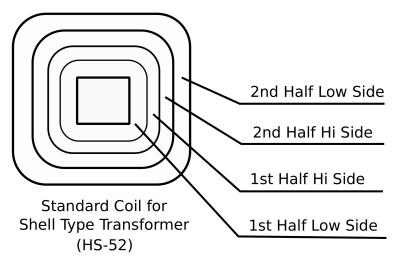
Bifilar, Side by Side Winding



Bifilar, Pie Winding



Why parallel bifilar winding is better.



#### So what is the difference?

When a standard shell type transformer is wound, a Triad HS-52 for example, one half of the low side is wound, followed by one half of the high side, followed by the second half of the high side, and finally, the second half of the low side is wound. The result of this arrangement means that the dcr of the first half of each winding will be lower than the dcr of the second halves. This is due to the simple fact that the coil grows larger as the winding progresses which means more wire is used on the later windings.

Additionally, the coupling of the windings to the core will be slightly different because each winding has a different orientation to it. Parallel winding solves all of this. By winding the low side together, side by side, and the high side, pie wound at the same time with each side having the exact same proximation to the core. This is what Peerless means by "balanced capacities" in the 20 -20 line. Parallel winding also keeps the voltage differential between the layers of the high side lower as there are fewer windings in each layer and this is one thing that reduces capacitive effects.

Why don't they do that today? It cost twice as much to wind them. Parallel winding requires twice as many spools of wire, and, since you are winding twice as many wires there is twice the possibility of a defect or break while winding. There are more connections and the winding technician requires more skill and patience.

"They" don't wind them that way any more, but here at Vintage Windings those original Western Electric parallel winding techniques are alive and well. We create parallel wound versions of vintage transformers that were not originally wound that way, along with real recreations of the best venerable, iconic transformers of their day. We use the same core, winding insulation and winding techniques to capture the exact same sound as the originals. Not some simulation or approximation, just magic. This means that, not only can real vintage transformer be obtained brand new, actual improvements make what was excellent, even better.



**Original K-241-D Pie Winding** 



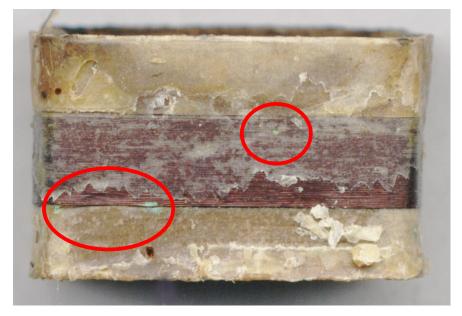
### Vintage vs. New New is better.

When the last wheelwrights for carriages are asked why they still make them, the answer is because people still use them. This best explains why Vintage Windings still recreates the finest iconic audio transformers ever made. The reason for manufacturing new ones and not just rewinding old ones is simple. Building new is almost always less expensive than rebuilding and repairing what is old. This is subject to the materials and process used in recreating the old being consistent with their original counterparts. New also gives us an opportunity to improve what was already fantastic.

The fact is, vintage transformers have a definite lifespan and the lifespan of transformers manufactured in the 1950's, 60's, and 70's are either approaching the end, or surpassing their useful working life. It is amazing and a bit sad to see the prices of some vintage transformers on auction sites go into the stratosphere while the unsuspecting buyer may only get a few years out of the heavy price tag before failure.

### It looks almost new, how could it fail?

As we rewound more and more vintage transformers, one detail emerged that was quite a surprise. Small signal audio transformer failure is almost never caused by a catastrophic electrical event, it is caused by age related magnet wire insulation degradation in the coil. The enamel\* coating that is used for insulation on magnet wire degrades and begins to fray off the wire over time. It is not a defect, it is a property of the insulation material. The heating and cooling cycles of usage compound this effect which will eventually kill the transformer. The signs of the problem are very common. It will start with some static noises coming in and out of the signal, then some minor clicks and pops. Once the clicks and pops start the dissent into uselessness will accelerate. The pops will get louder and then.....nothing.



What is occurring as the insulation begins to fray off of the wire is voltage jumps between adjacent conductors (turns of wire) and then, snap, crackle, and pop. Eventually, the wire will fray, even minute quantities of moisture inside remaining the coil from manufacture will attack the bare copper wire. A tiny blue dot will develop at one or more of the frayed area spots. The little blue dot is copper oxide and it will work it's way through the wire and break the continuity of the winding. This will eventually happen to all vintage transformers.

\* Enamel is only one type of insulation used on magnet wire. There are many other coatings, Formvar being one of the more popular. While it is difficult to determine what coating is on a particular example of wire, enamel is usually easier to remove with solvents than Formvar or other coatings. In the 50's and 60's enamel was the most common coating that we have found in vintage transformer manufacture.



### Transformer Core Materials.

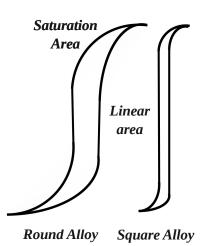
There is more erroneous information regarding vintage transformer core material than any other transformer web myth. A plethora of forum posts can be searched on the web and you will find 100's of "experts" claiming that every great transformer from the golden age has 80% nickle alloy core. This is absolutely not the case. Almost all of the larger vintage transformers used silicon, M6, or Super Perm 49 (also called High Perm). The later being the most common. Ultra Perm (80% Ni) came a little later and is used mostly due to the fact it is more efficient when used in that application. Does 80% Ni alloy sound different from 49% alloy? Not really when operated in the linear region of the alloy B-H curve.

The difference becomes obvious at or near saturation and how the alloy saturates. This very important because the sound of the 60's and 70's almost always came from meters hitting the red. Engineers purposely ran the levels that high. The implication of this fact is that the sound of that era is the sound of the way the cores in the transformers saturated since they were almost universally run near the saturation level. Engineers loved this sound and the listeners became acclimated to it.

The reason for the perpetuation of the 80% myth is that manufacturers wanted Ultra Perm to succeed. It was/is more expensive than 49 or M6, however, since it is a more efficient core material, transformers can be made much smaller. Here is the key: smaller transformers have less wire so less interaction and losses. This meant that many of those special winding techniques required to minimize losses in the larger transformers were no longer necessary. Machines could now be automated to do almost every operation in the coil winding process. So manufacturers began to hype Ultra Perm similar to the way that early solid state electronics took over vacuum tube gear. In audio, the last generation tube gear sounded far superior to the new transistor technology but the simplicity and efficiency of solid state ruled the day and the old technology was hyped out of existence.

### **Round and Square Alloys**

Magnetic metals are sometimes placed in two categories, Round and Square. This refers to the manor in which the alloy saturates. Early silicon (Arnold Selectron) and low Ni alloys had/have a fairly wide B-H curve with large diameter curves at saturation. This means that the transformer will saturate slowly and gracefully. Asian Hi-Fi enthusiasts love the quality of sound they get by employing very old Western Electric transformers with standard silicon core material. Round metals have fairly wide B-H curves and Square alloys have thinner B-H curves with much sharper saturation areas. A square alloy will not saturate nearly as gracefully as a rounder metal. On the other side of the coin, round metals don't have as large of a linear region and can have more "smearing" due to the fact that the B-H curve is wider so the alloy holds on to a charge longer. Square alloys (for audio) tend to have a narrower B=H curve so officially they have less smearing. All of those improvements made by using 80% Ni are great for advertising, but our ears are telling us differently. The rule of thumb is, very small transformers probably use hi Ni cores and medium and large ones don't. A huge core of 80% is very expensive and with Ultra Perm you don't need the size. Super Perm 49 is what we think is the perfect alloy for a compromise providing graceful saturation and minimal smearing.





### **Transformer Core Materials Continued**

Note: the rule of thumb doesn't always apply. The output transformer for the last generation Langevin 5116-b was a humbucking transformer utilizing an Arnold Selectron core. It is a very small output transformer. It also operates right at it's max level in that application. The output transformer of the McCurdy AU-300 (three stage vacuum tube mic-pre) also uses an Arnold Selectron core. The core of the McCurdy unit is slightly larger, however, because it has the third stage, it also operates right at it's max level. Both of those transformers have a tendency to pop due to their undersized nature. Langevin did use 80% Ni on the 5116-b input transformer, hense it's small size compared to a K-241-D.

### Things aren't always what they seem

Another interesting revelation arose while rewinding several examples of the same model transformers. That revelation is the fact that Peerless and other companies did not always use the same alloy for core material in a particular model. This was first noticed doing Peerless S-217-D output transformer rewinds. Before doing a rewind we always check and document winding dcr's and open static inductances. The static open inductance for several units was three times the inductance we normally see when testing 217's. After opening the units up the difference was obvious. The laminations from the high inductance models had bronze colored laminations. The color of the alloy is clearly different from what we see generally when working on 217's. The same differing laminations can be found in the K-241-D transformers as well. You will not see this information anywhere else on the web, but here it is in your Vintage Windings Catalog.

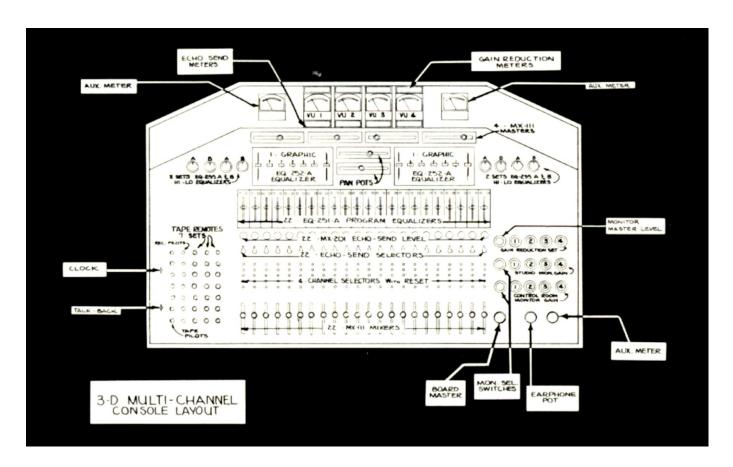




This information is important. If you are considering buying a vintage stereo pair of these units, obtaining a good match is almost impossible. The best way to approach getting a very tight match is to open two units and rewind the coils to match, even if they are not open, they will be soon, then, during re-assembly the cores of the two transformers are mixed 50/50. This gives the tightest possible match obtainable.

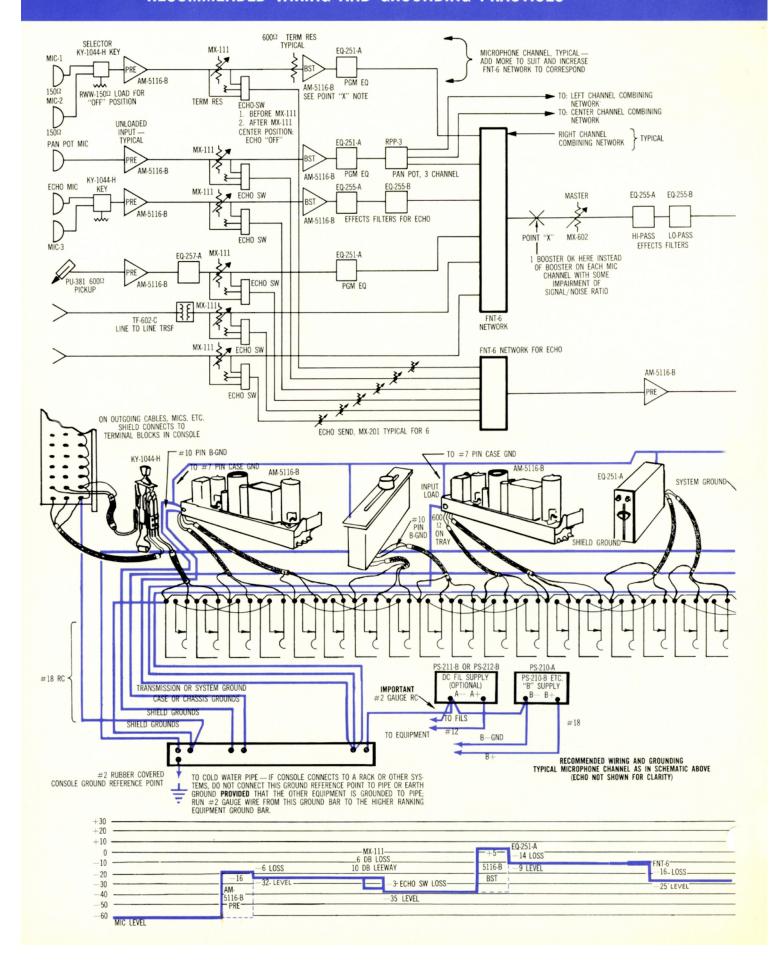


### Just for Fun!

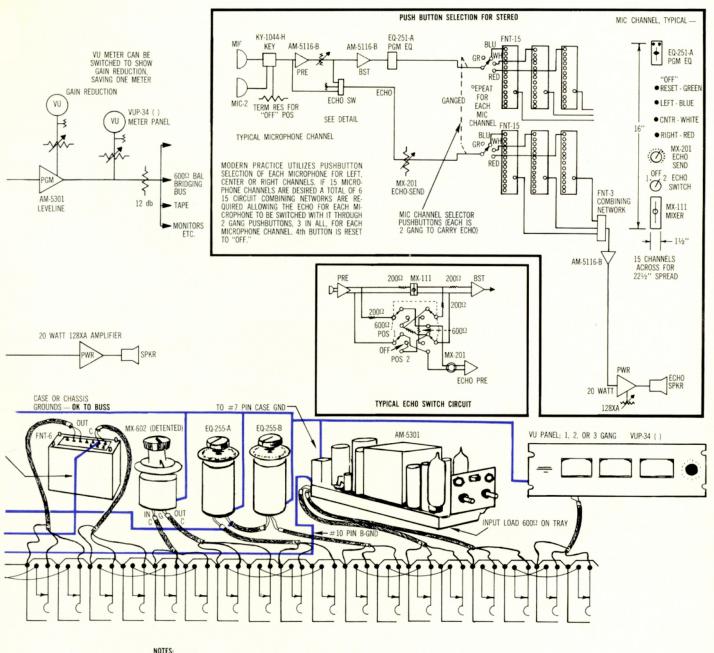


This page and the next two have been included just for fun. These drawings are out of one of the Langevin catalogs available for free on my website. The drawings on the next two pages actually show how to wire all of these vintage products into a vacuum tube recording console! Very cool!

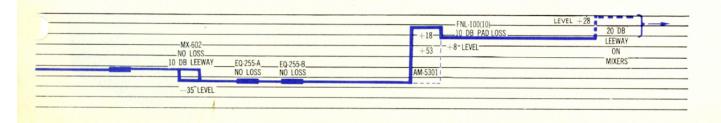
# RECOMMENDED WIRING AND GROUNDING PRACTICES



## RECOMMENDED WIRING AND GROUNDING PRACTICES



- 1. GROUND THE SHIELD OF A CABLE AT ONE END ONLY!
- 2. CONNECTION BETWEEN ONE SYSTEM AND ANOTHER MUST BE THROUGH TF-602-C LINE TO LINE COILS FOR ISOLATION, OR ONE SYSTEM MUST OUTRANK THE OTHER AND SUPPLY THE EARTH GROUND.
- 3. FOR CONSISTENCY WHEN CABLES APPEAR BETWEEN TERMINAL BLOCKS OR STRIPS AND JACKS, GROUND THE SHIELD AT THE JACK. IF THE CABLE APPEARS ON A TERMINAL BLOCK OR STRIP BUT NOT AT JACKS GROUND AT THE TERMINAL BLOCK OR STRIP. FOR CABLES BETWEEN PIECES OF EQUIPMENT, FOR EXAMPLE, AMPLIFIERS, HI AND LO PASS FILTERS, ETC., TIE THE SHIELD THROUGH A SEPARATE WIRE TO THE MAIN GROUND BAR IN THE CONSOLE OR FOLLOWERS.
- 4. MAKE CERTAIN THAT SHIELDS NEVER CARRY SIGNAL NOR CURRENT.





# Vintage Windings Price List 2024 - 2025

| Vintage Windings | Document Collection USB Drive          | \$29.99 US  |
|------------------|--|-------------|
| Vintage Windings | VW-T-56                                | \$299.99 US |
| Vintage Windings | VW-P-56                                | \$349.99 US |
| Vintage Windings | VW-T-52                                | \$379.99 US |
| Vintage Windings | VW-P-52                                | \$449.99 US |
| Vintage Windings | VW-50                                  | \$349.99 US |
| Vintage Windings | VW-P-50                                | \$379.99 US |
| Vintage Windings | VW-241-D                               | \$449.99 US |
| Vintage Windings | VW-1                                   | \$399.99 US |
| Vintage Windings | VW-29                                  | \$329.99 US |
| Vintage Windings | VW-CM-23                               | \$319.00 US |
| Vintage Windings | EQ-1A Standard Pultec Coil             | \$79.99 US  |
| Vintage Windings | EQ-1A EQ-1A w/ 20K tap                 | \$84.99 US  |
| Vintage Windings | MEQ Coil Set of Three                  | \$229.99 US |
| Vintage Windings | Classic Three Band Filter Set          | Inquire     |
| Vintage Windings | VW-3 Band Low Coil                     | \$84.99 US  |
| Vintage Windings | VW-3 Band Mid Coil                     | \$84.99 US  |
| Vintage Windings | VW-3 Band Hi Coil                      | \$84.99 US  |
| Vintage Windings | VW-EQP-1A Complete Filter Unit         | \$359.99 US |
| Vintage Windings | Transformer Rewinds                    | Inquire     |
| Vintage Windings | <b>Custom Inductors and Transforme</b> | rs Inquire  |
|                  |  |             |

Note: I try very hard to keep prices affordable. Material costs rise regularly as a sign of the times. As a result, prices subject to change without notice.

Vintage Windings can custom wind audio inductors and transformers to your specifications. Please inquire to info@vintagewindings.com. OEM sales are also fine.