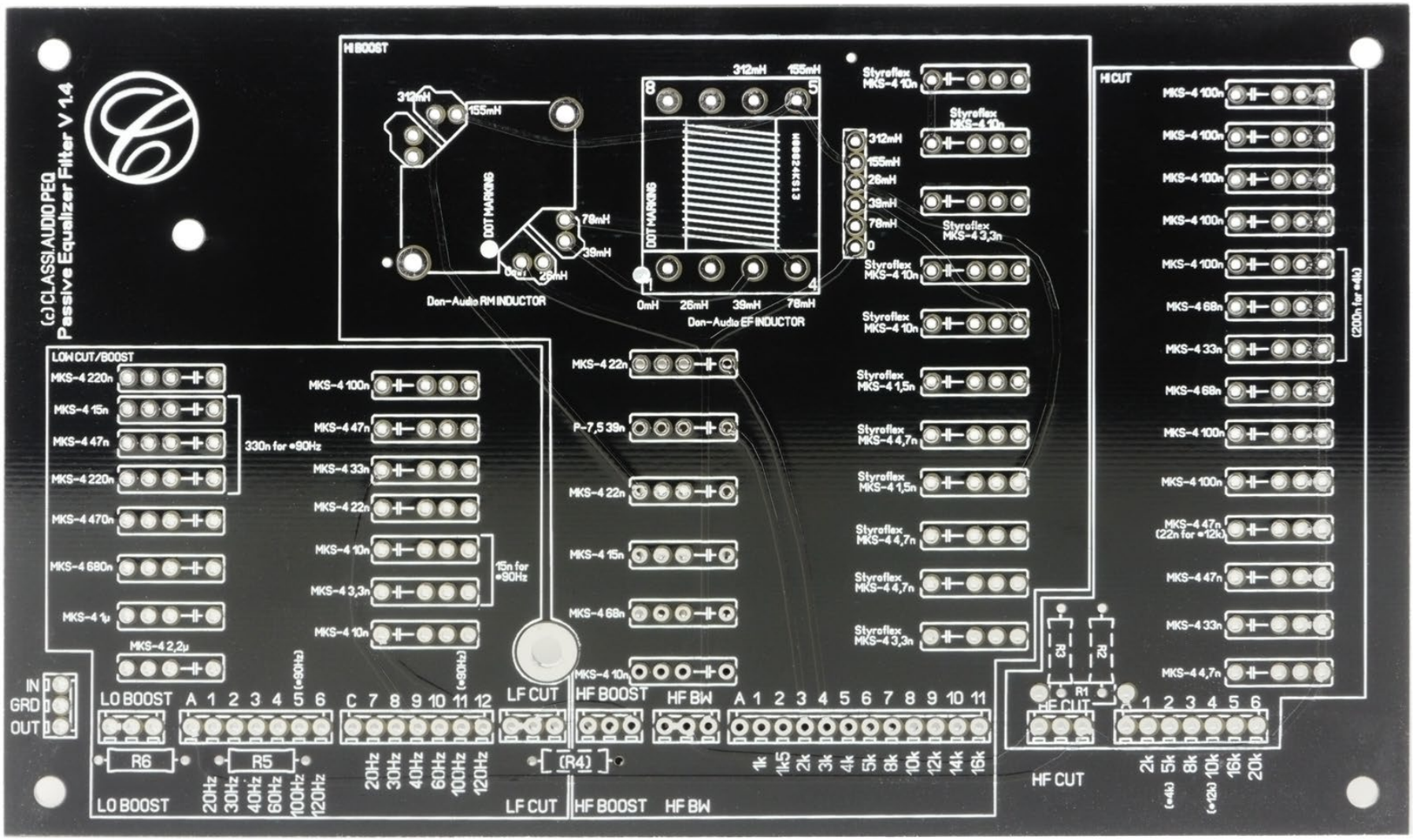
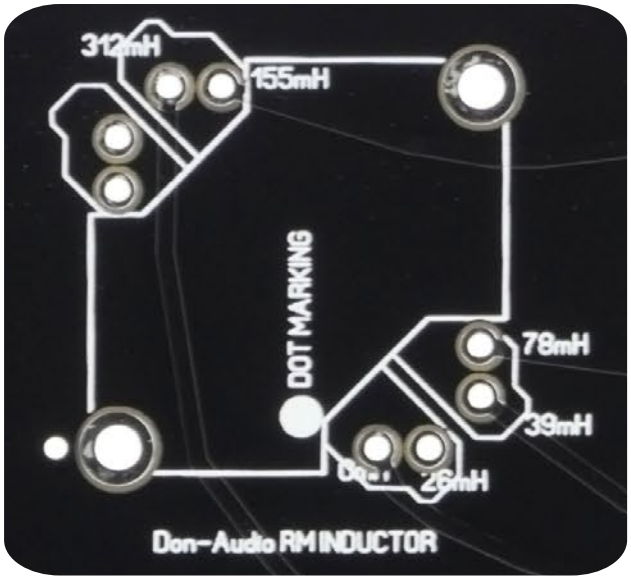

(c) CLASSI AUDIO PEQ
Passive Equalizer Filter V 1.4
HI BOOST
312mH
155mH
78mH
39mH
26mH
DOT MARKING
Dan-Audio RM INDUCTOR
0mH
26mH
39mH
78mH
Dan-Audio EF INDUCTOR
Styroflex MKS-4 10n
Styroflex MKS-4 3,3n
HI CUT
MKS-4 100n
MKS-4 68n
MKS-4 33n
MKS-4 47n
(22n for ≈12k)
(200n for ≈4k)
LOW CUT/BOOST
MKS-4 220n
MKS-4 15n
MKS-4 47n
330n for ≈90Hz
MKS-4 470n
MKS-4 680n
MKS-4 1µ
MKS-4 2,2µ
MKS-4 22n
P-7,5 39n
MKS-4 10n
15n for ≈90Hz
IN
GRD
OUT
LO BOOST
LF CUT
HF BOOST
HF BW
HF CUT
R1
R2
R3
R4
R5
R6
20Hz
30Hz
40Hz
60Hz
100Hz
120Hz
1k
1k5
2k
3k
4k
5k
8k
10k
12k
14k
16k
20k

Art. No.: CPEQRM-0

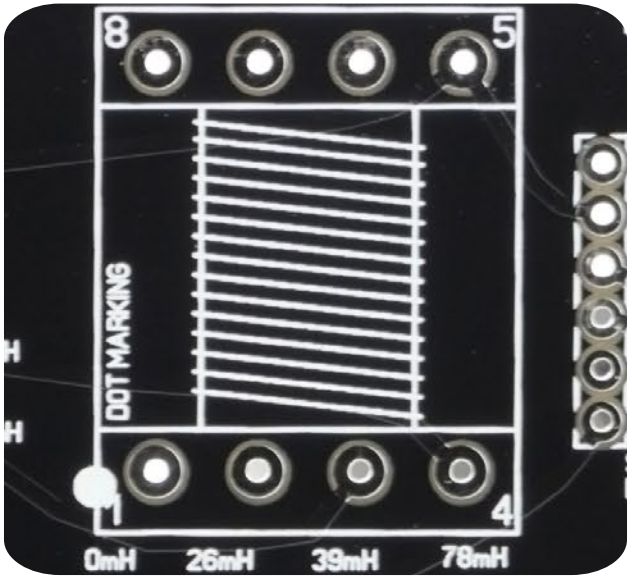


RM Inducor

The RM Inductor is an audiophile Inductor that sounds very clean and naturaly because of the airgap-less core construction.
It is recommended for Stereo applications, Mastering or Projects when minimal tolerancy and absolute natural sound is important.

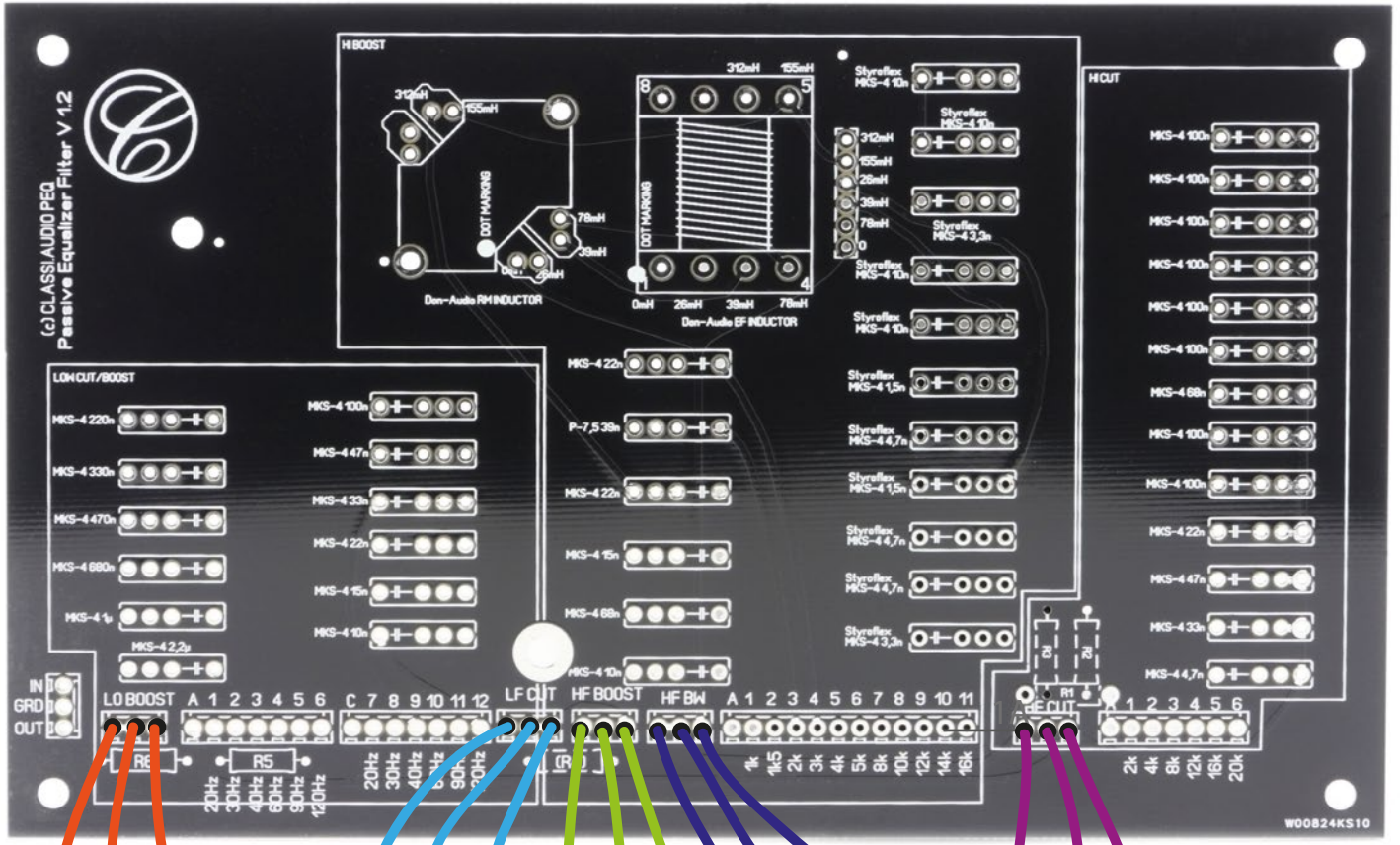
Mount the inductor with the Dot Marking or the used taps correctly to the taps on the PCB.

Art. No.: CPEQEF



EF Inductor

The handmade EF Inductor is a kind of inductor people call it the sweet sounding inductor.
Because of the air gap the harmonic inductor distortion increases to a nice amount at the upper part of the amplitude. The wire thickness is similar to the wire diameter that was used in vintage passive-tube equalizers. The sound of this inductor is more colored.



Top View

10K LOG
LF Boost

100K LOG
LF Cut

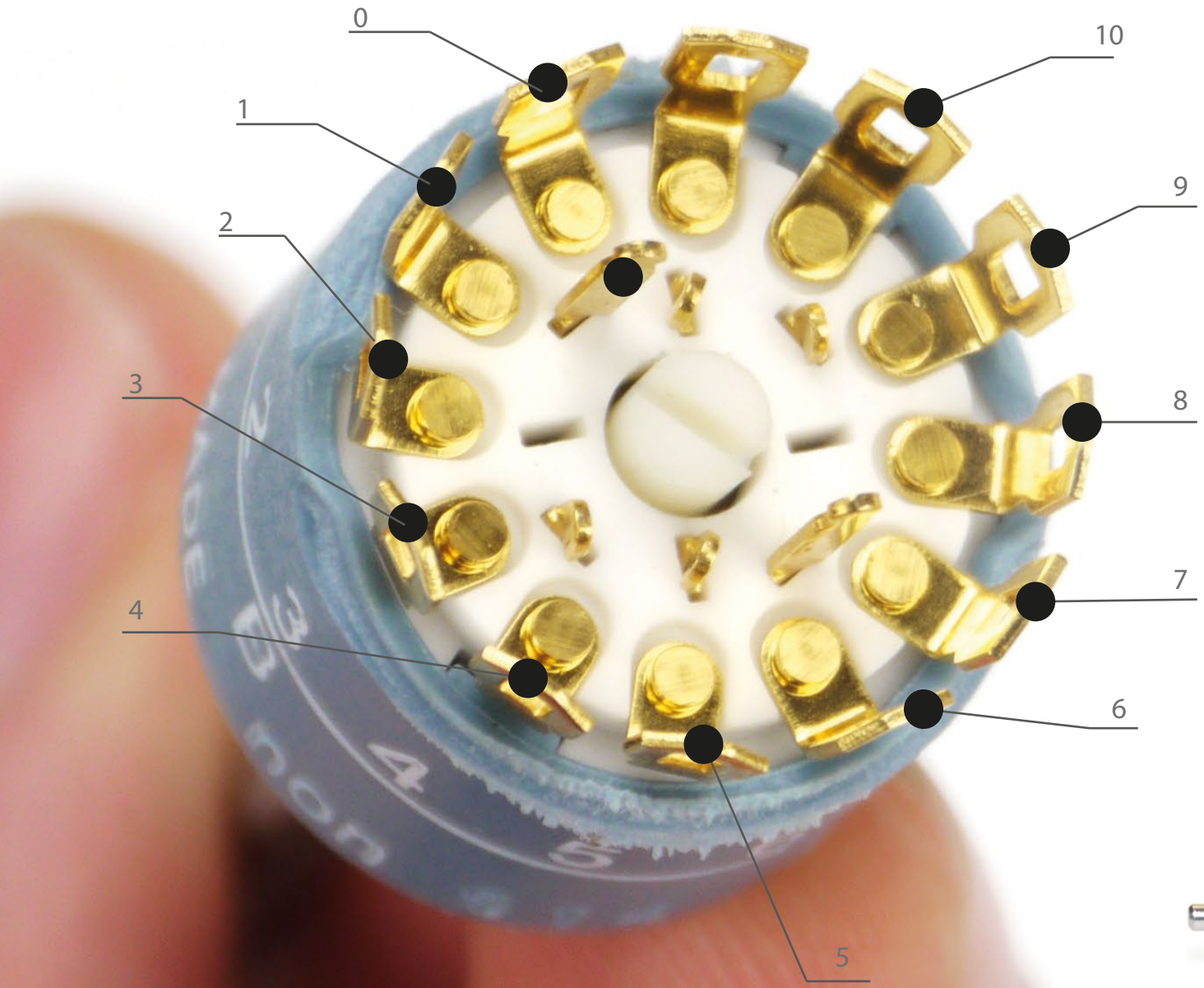
10K LIN
HF Boost

2K5 LIN
HF Bandwidth

1K LIN
HF Cut

For Stepped Switches see Page 5

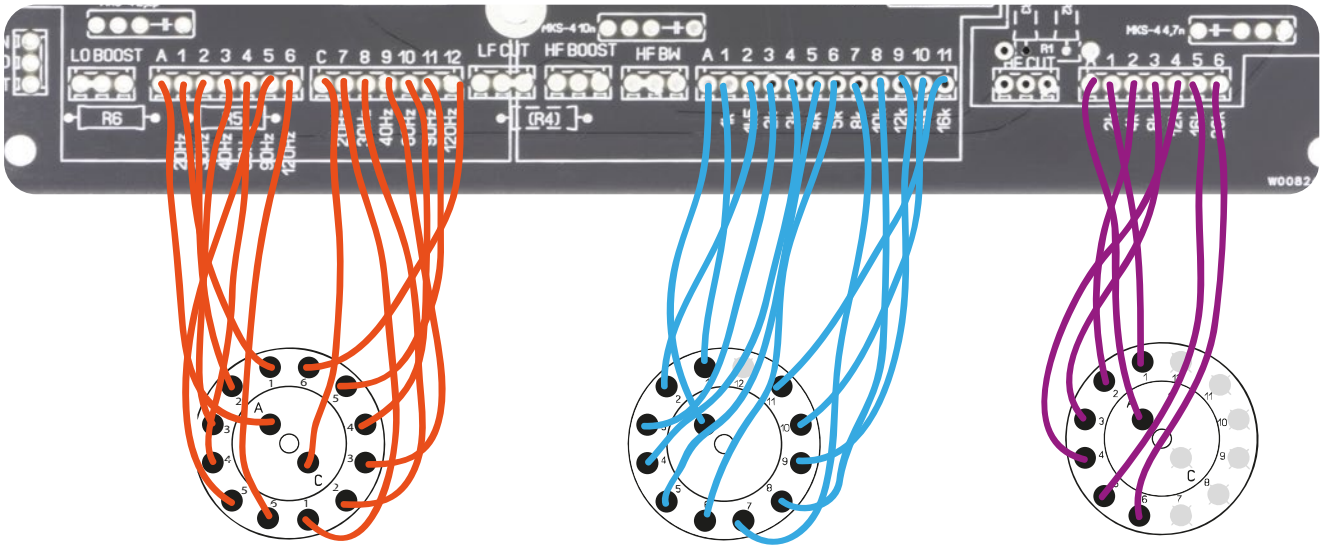
Classi



Switch Arrangement

10K	100K	10K	2K5	1K
0: Direct	0: Direct	0: Direct	0: Direct	0: Direct
1: 110R	1: 180R	1: 140R	1: 140R	1: 50R
2: 200R (1)	2: 1.8K (1)	2: 750R (1)	2: 200R (1)	2: 100R (1)
3: 380	3: 3.5K	3: 1.4K	3: 300R	3: 150R
4: 550R (2)	4: 4.9K (2)	4: 1.9K (2)	4: 450R (2)	4: 200R (2)
5: 790	5: 6.7K	5: 2.6K	5: 600R	5: 250R
6: 1K (3)	6: 8.2K (3)	6: 3.2K (3)	6: 700R (3)	6: 300R (3)
7: 1K2	7: 10K	7: 3.8K	7: 800R	7: 350R
8: 1K3 (4)	8: 12K (4)	8: 4.3K (4)	8: 900R (4)	8: 400R (4)
9: 1K5	9: 14K	9: 4.9K	9: 950R	9: 450R
10: 1K6 (5)	10: 15K (5)	10: 5.4K (5)	10: 1K (5)	10: 500R (5)
11: 1K8	11: 20K	11: 5.9K	11: 1,2K	11: 550R
12: 2K (6)	12: 30K (6)	12: 6.4K (6)	12: 1,4K (6)	12: 600R (6)
13: 3K	13: 41K	13: 6.9K	13: 1,5K	13: 650R
14: 4K3 (7)	14: 50K (7)	14: 7.4K(7)	14: 1,6K(7)	14: 700R(7)
15: 5K8	15: 60K	15: 8K	15: 1,7K	15: 750R
16: 6K5 (8)	16: 70K (8)	16: 8.5K(8)	16: 1,8K(8)	16: 800R(8)
17: 7K5	17: 80K	17: 9K	17: 2K	17: 850R
18: 8K7 (9)	18: 88K (9)	18: 9.5K(9)	18: 2.2K(9)	18: 900R(9)
19: 9K7	19: 90K	19: 9.8K	19: 2.3K	19: 950R
20: 10K (10)	20: 100K (10)	20: 10K (10)	20: 2,5K (10)	20: 1K (10)

For Stepped Mono:	Stepped Dual PEQ:
5 x DA01-1113	5 x DA01-2113
1 xDA01-1263	1 x DA01-2263
2 x DA01-2113	2 x DA01-4113



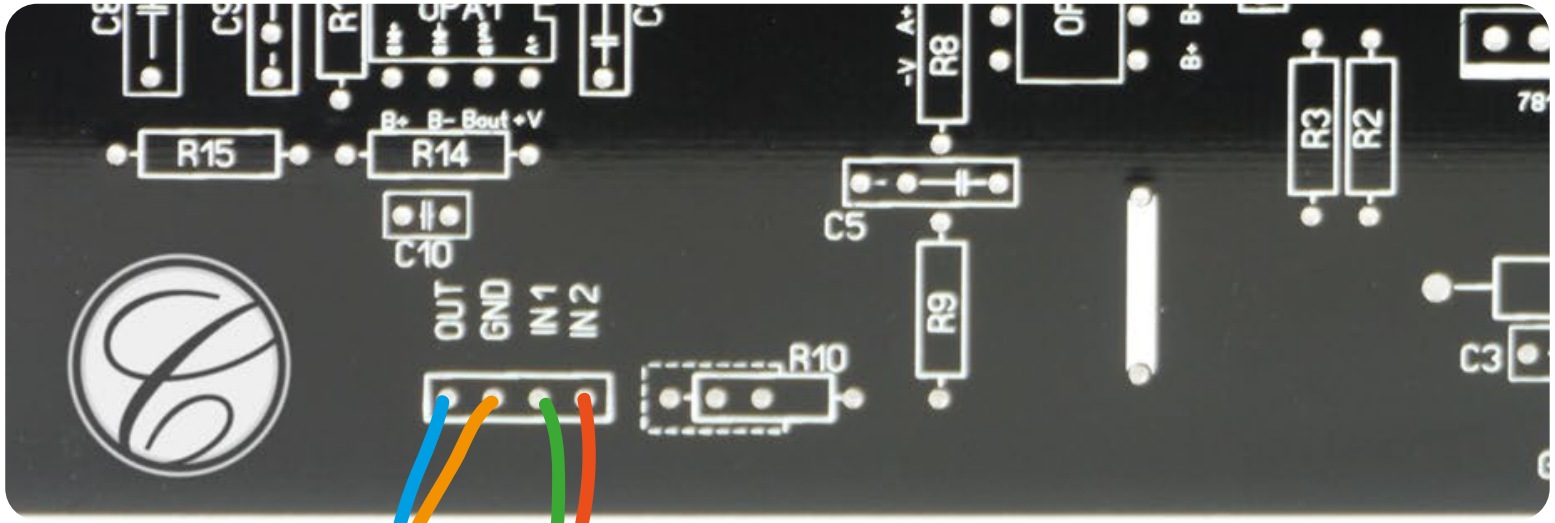
LOW FREQUENCY
2 x 6 Position Switch

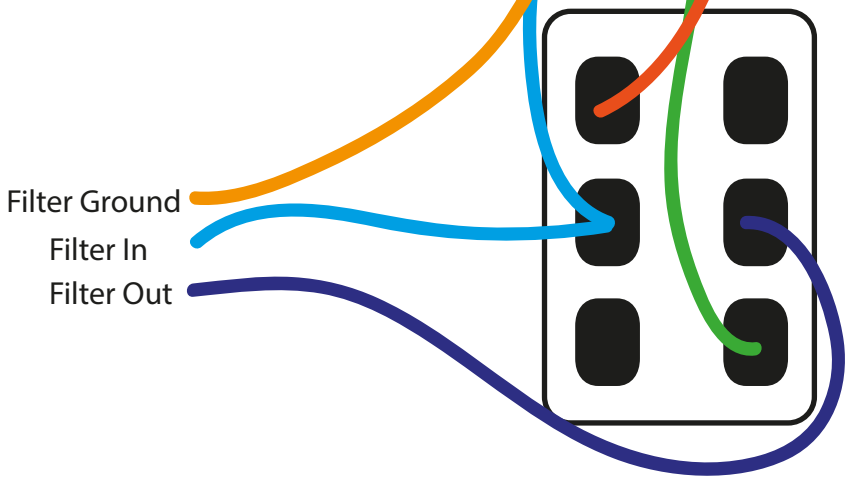
HIGH FREQUENCY
1 x 12 (stop to pos. 11)

ATTEN SEL
1 x 12 (stop to pos. 6)

Switches Wiring

Wiring the switches with the Classi PEQ is pretty easy as the full kit inlcudes pre-confectioned wires that can be connected with the pcb-connectors fast and secure. The picture above is a configuration which uses the whole frequency range PEQ offers. You can also just use some frequencies if you do not wish to have the whole frequency selection for example to recreate a classic EQ reproduction pattern or if your frontpanel does not have all frequencies engraved, then just use only selected frequencies and overjump the unused frequency taps.



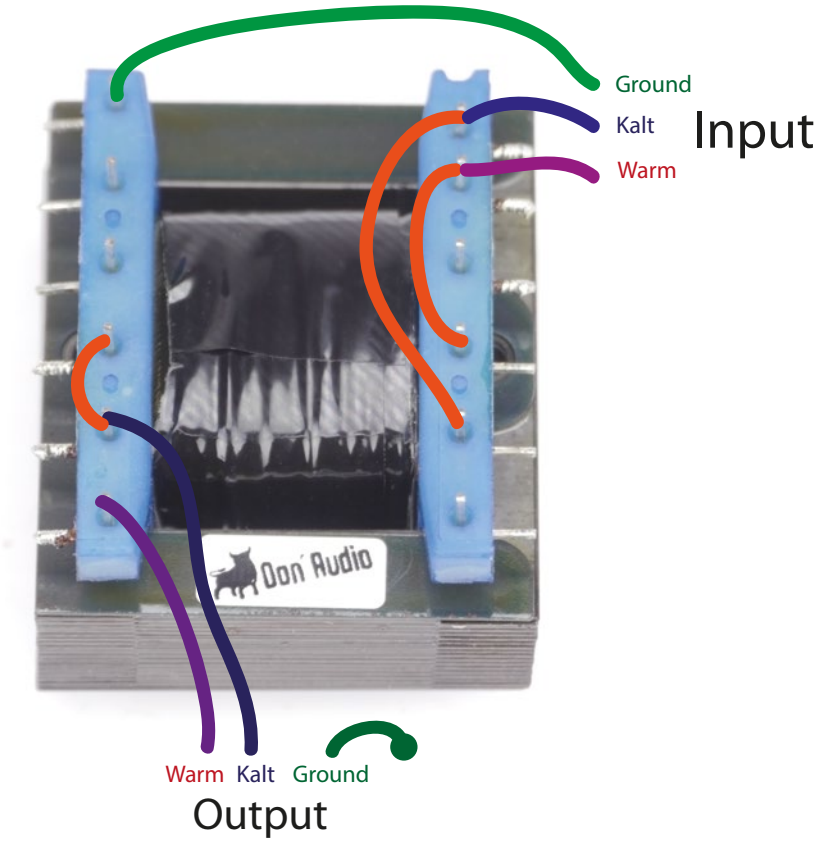


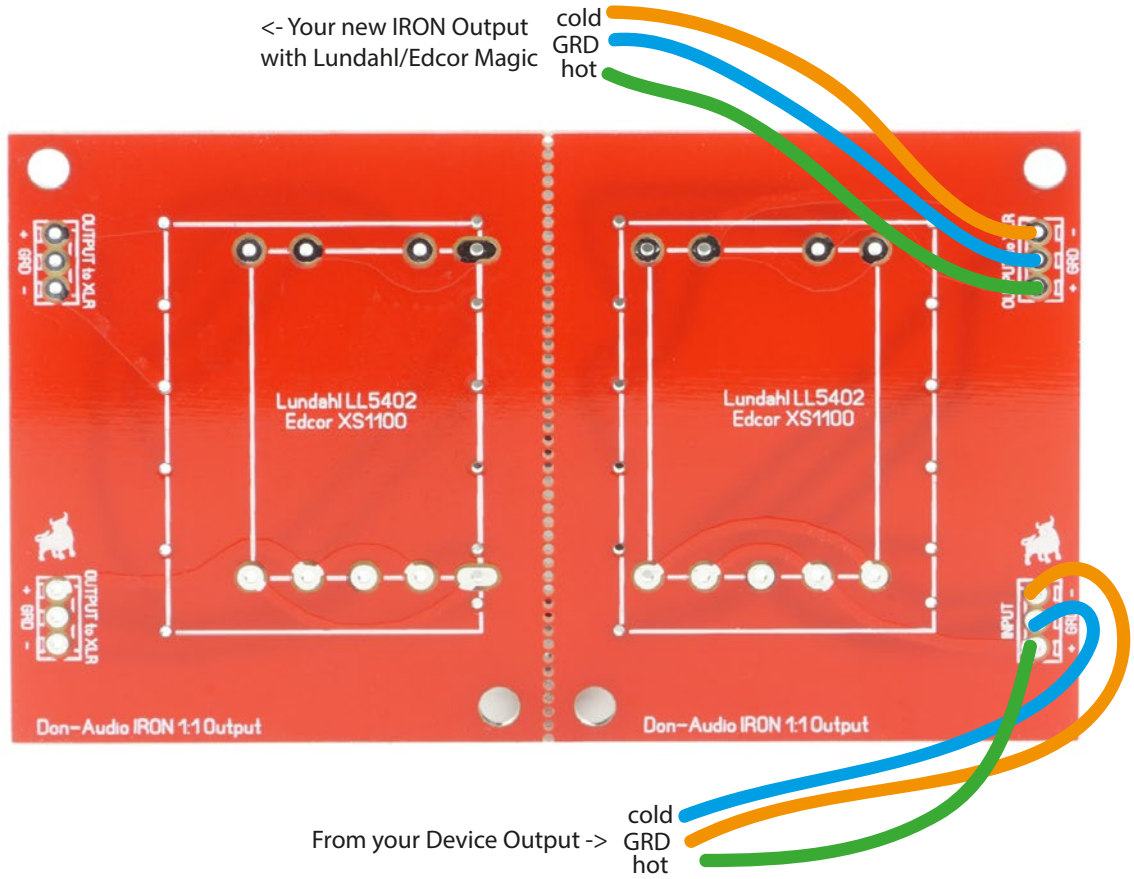
Bypass Switch

Use a Dual Pole or 3 Pole 2 Way switch as toggle Bypass Switch.
Some Models are called ON-ON which work fine.

Classi

Output Transformer for more Color





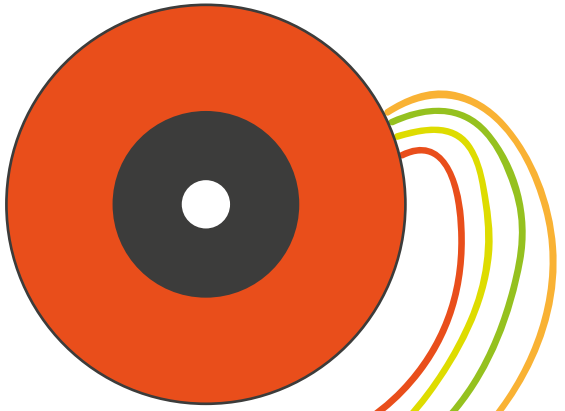
Traditional Wiring

The Edcor XS1100 and Lundahl 5402 are fantastic sounding output transformers. This wiring is a 1:1 wiring that can be used for the PEQ to get the beloved subtle transformer sound.

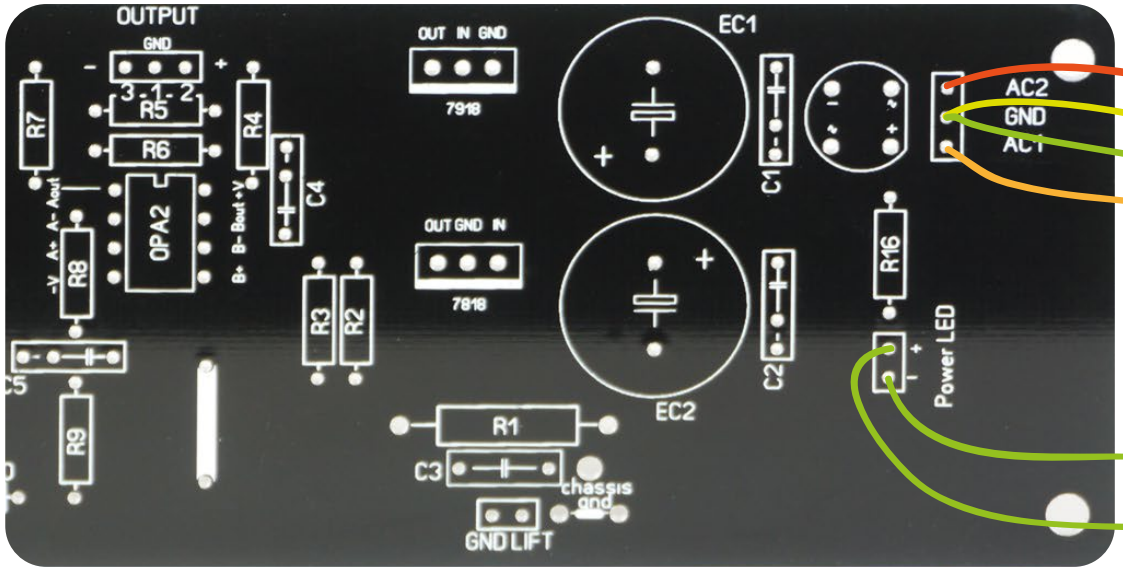
Using Iron

Don-Audio made a nice PCB which is most easy to use as Base and 1:1 Output circuit. The integrated pcb connectors make the wiring pretty easy. You can use Lundahl or Edcor as well.

Shielded Toroidal Trafo TB30015



OPA Gainstage



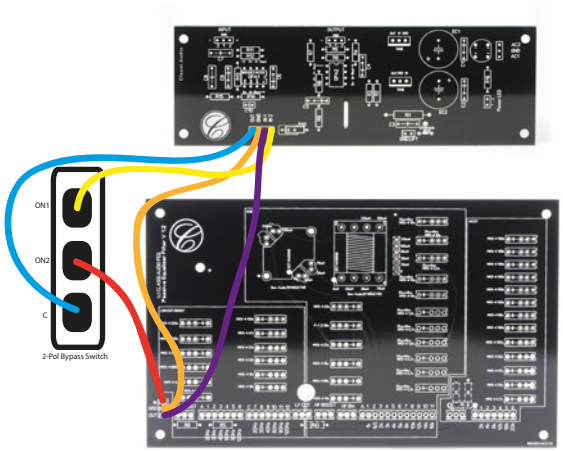
15V

Center Tap

Center Tap

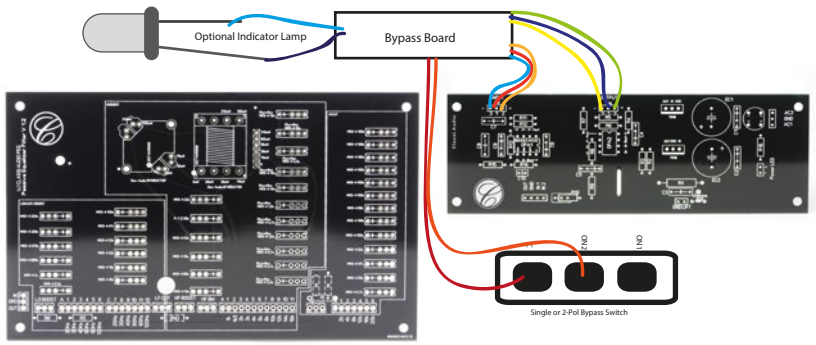
15V

LED



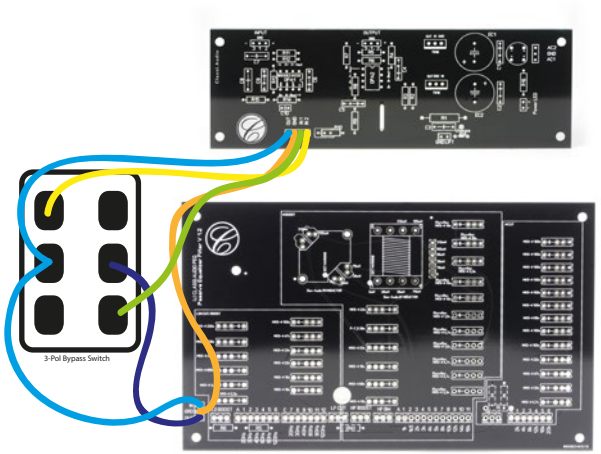
2-Pol Bypass

This type bypasses the filter board. Filter-Ground stays connected to signal ground.



Direct Relay-Bypass

The direct or hard-bypass is the true Bypass that bypasses the whole unit with an additional bypass-relay-board. You can take 12v of the Power board to feed the bypass-relay-board with 12v power which is switched by an 1 or 2 pole switch. There you have also the an option to use a indicator bypass-lamp. the Bypass Board is optional available as additional module.



3-Pole-Bypass

The 3-Pole Bypass bypasses the filter-board with all wires including ground which is bypassed as-well.