



In September 2014 we started releasing our new range of exclusively designed and manufactured electrolytic capacitors. The first types to be made available are the standard 'Audio Note (UK)[™] Electrolytic Audio Capacitor', which were closely followed in October 2014 by the 'Audio Note(UK)[™] KAISEI Audio Capacitor, the AN KAISEI will be available in a standard polarised and a premium bi-polar or non-polarised version.

Overall we will build a complete audio capacitor range for each quality level needed to make our own products primarily, Audio Note[™] Standard, Audio Note[™] KAISEI polar and Audio Note[™] KAISEI bi-polar/non-polarized, and eventually the Audio Note[™] Black Gate replacement range, which should also be available in polarised and bi-polar versions.

Here is a list of the eventual range for each,

16V

4.7uF, 10uF, 22uF, 47uF, 2200uF, 4700uF, 10,000uF, 68,000uF

25V

100uF, 220uF, 330uF, 470uF, 680uF, 1000uF, 2200uF, 4700uF, 10,000uF

63V

22uF, 47uF, 100uF, 220uF, 470uF, 1000uF, 2200uF, 4700uF, 10,000uF, 68,000uF, 100,000uF

100V

22uF, 47uF, 100uF, 220uF, 470uF

160V

22uF, 47uF, 100uF, 220uF, 470uF

350V

4.7uF, 10uF, 22uF, 47uF, 100uF, 220uF, 470uF

500V

4.7uF, 10uF, 22uF, 47uF, 100uF, 220uF, 470uF

Needless to say, building up an inventory of this many capacitors will require not just a very serious investment, but also some considerable time to prototype, audition, order, produce and deliver, so please do not order anything on this list unless it is also priced up on the lists below.

The Audio Note™ Standard Electrolytic Capacitors.

Even though these capacitors represent the starting level in our new range, we have found them to provide considerably better sound quality than any other currently available high voltage electrolytic capacitor, from any manufacturer. They achieve this excellent level of performance by combining a high quality electrolyte with the best available standard paper and a specially developed foil. The result is a 500 Volt capacitor of exceptional quality and price, suitable for use in any high voltage power supply application.

As they become available, the Standard Audio Note (UK)™ Electrolytic Capacitors will be introduced in all Audio Note(UK)™ finished products from Level Zero through to the lower Level Three (the power supplies of the higher Level Three products along with the Silver and Silver Signature models will be equipped with the KAISEI electrolytic capacitors).

A range of low voltage capacitors using the same materials and construction is also being developed, which will allow us to offer a wide selection of competitively priced, high quality electrolytic capacitors under the Audio Note(UK)™ brand.

The Standard Audio Note™ Electrolytic Capacitor High Voltage Range. See pictures below:

Value	Voltage	Polarization	Pin Pitch & Mounting	Size	Price Excl. Vat
5uF	500 volt	Polarized	Radial 5 mm	H 20 mm, W 10 mm	£ 1.30
22uF	500 volt	Polarized	Snap In 11 mm	H 25 mm, W 20 mm	£ 3.00
50uF	500 volt	Polarized	Snap In 11 mm	H 30 mm, W 20 mm	£ 4.50
100uF	500 volt	Polarized	Snap In 11 mm	H 25 mm, W 30 mm	£ 7.50
220uF	500 volt	Polarized	Snap In 11 mm	H 61 mm, W 25 mm	£ 13.50
470uF	500 volt	Polarized	Snap In 11 mm	H 61 mm, W 35 mm	£ 22.50

We released the 220uF/500 volt and the 470uF/500 volt standard electrolytic capacitors in November 2014, we will now start releasing the low voltage part of this range starting in December 2015 to January 2016, starting with the 100uF/100 volt, 4,700uF/16 volt and the 220uF/100 volt.



The Audio Note™ Standard Electrolytic Capacitor Low Voltage Range.

Currently available values

Value	Voltage	Polarization	Pin Pitch & Mounting	Size	Price Excl. Vat
100uF	100 volt	Polarized	Radial 5 mm	H 16 mm, W 10 mm	£ 1.20
220uF	100 volt	Polarized	Radial 5 mm	H 20 mm, W 13 mm	£ 1.90
220uF	160 volt	Polarized	Snap In 11 mm	H 20 mm, W 20 mm	£ 4.50
470uF	25 volt	Polarized	Radial 4 mm	H 12 mm, W 7 mm	£ 1.90
1,000uF	25 volt	Polarized	Radial 5 mm	H 16 mm, W 10 mm	£ 2.30
4,700uF	16 volt	Polarized	Radial 5 mm	H 25 mm, W 13 mm	£ 2.80
10,000uF	63 volt	Polarized	Snap In	H 45 mm, W 30 mm	£ 16.50

More values of the lower voltage Standard versions will arrive in February/March 2016.



The Audio Note™ KAISEI Audio Quality Electrolytic Capacitors

The Audio Note™ KAISEI range has been developed over the past 4 years in collaboration with the engineering team at Rubycon (of Black Gate fame). Whilst working on our top of the line Black Gate replacements (which we should be releasing toward end of the second half of 2016) we realised that it would be possible to put together a range of more affordable electrolytic capacitors that use all of the same materials as these supreme components (the same special electrolyte, foil and construction quality) apart from the hyper expensive and extremely difficult to produce Graphite impregnated paper, so the only difference between the KAISEI capacitors and the forthcoming Black Gate replacements is that the paper is not graphite impregnated in the KAISEI, otherwise they are the same.

The first Audio Note™ KAISEI range has been available since late September – early October 2014 and started with the following 4 values, we will add a 220µF/50V version late 2015 plus bi-polar versions of the 22µF, 50µF and 100µF, so the entire range of KAISEI capacitors will be available in both polarised and non-polarised (bi-polar).

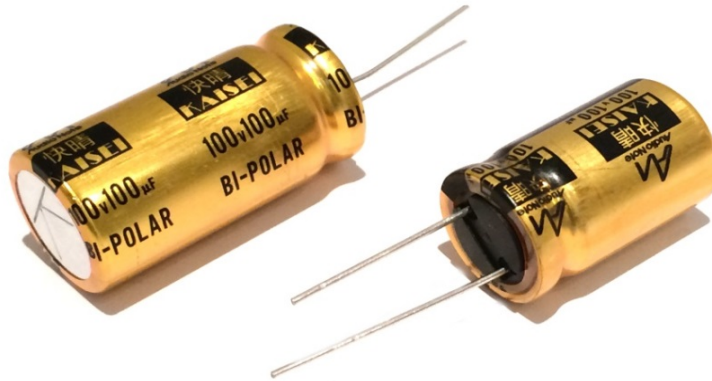
An analysis of the cost of the KAISEI capacitors unfortunately showed a higher cost than expected, so we have to raise the prices, here are the new prices, valid from June 1, 2015.

The Audio Note™ KAISEI Audio Quality High Voltage Electrolytic Capacitors

Value	Voltage	Polarization	Pin Pitch & Mounting	Size	Price Excl. Vat
5uF	500 volt	Polarized	Radial	H 20 mm, W 20 mm	£ 8.50
5uF	500 volt	Non-polarized	Snap In 11 mm	H 20mm, W 20 mm	£ 14.50
10uF	500 volt	Non-polarised	Snap In 11 mm	H 30 mm, W 20 mm	£ 20.60
22uF	500 volt	Polarized	Snap In 11 mm	H 30 mm, W 24 mm	£ 24.00
22uF	500 volt	Non-polarized	Snap In 11 mm	H 36 mm, W 24 mm	£ 37.00
50uF	500 volt	Polarized	Snap In 11 mm	H 50 mm, W 25 mm	£ 42.00
50uF	500 volt	Non-polarized	Snap In 11 mm	H 55 mm, W 25 mm	£ 63.00
100uF	500 volt	Polarized	Snap In 11 mm	H 50 mm, W 30 mm	£ 65.00

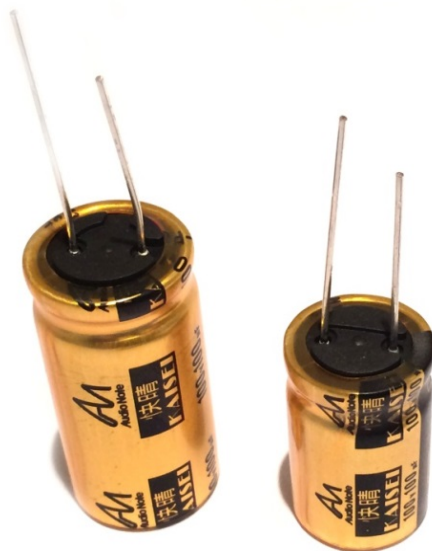
As with the Standard Range we will be adding even more values over the next few months, so look out for further information.

The Audio Note™ KAISEI Low Voltage Electrolytic Capacitors



Pictured above are the first of what will become a wide range of KAISEI low voltage capacitors, they will all come in two versions, standard polarized and bi-polar, the bi-polar being the premium versions sonically and of course in terms of price.

The 100uF/100 volt are now available.



Value	Voltage	Polarization	Pin Pitch & Mounting	Size	Price Excl. Vat
100uF	100 volt	Polarized	Radial 8 mm	H 26 mm, W 15 mm	£ 4.75
100uF	100 volt	Non-polarized	Radial 8 mm	H 35 mm, W 18 mm	£ 9.50
220uF	100 volt	Non-polarized	Radial	H 40 mm, W 25 mm	£ 26.50
220uF	160 volt	Polarized	Snap In 10 mm	H 45 mm, W 25 mm	£ 27.50
220uF	160 volt	Non-polarized	Snap In	H 55 mm, W 25 mm	£ 45.00
470uF	25 volt	Polarized	Radial	H 25 mm, W 12.5 mm	£ 3.50
470uF	25 volt	Non-polarized	Radial 8 mm	H 25 mm, W 16 mm	£ 7.00
1,000uF	25 volt	Polarized	Radial	H 25 mm, W 18 mm	£ 5.80
1,000uF	25 volt	Non-polarized	Radial	H 35.5 mm, W 18 mm	£ 11.00
4,700uF	16 volt	Polarized	Snap In 10 mm	H 35 mm, W 22 mm	£ 13.50
4,700uF	16 volt	Non-polarized	Snap In 10 mm	H 45 mm, W 22 mm	£ 27.00
10,000uF	63 volt	Polarized	Snap In	H60 mm, W 35 mm	£ 59.50

We are adding more values to the range in April/May/June 2016.



4,700uf/16 volt bi-polar KAISEI, coming in late February/March 2016.

Samples sound excellent!

We intend to expand the KAISEI polar and bi-polar ranges as quickly as possible, one, because the polarised versions replace the low voltage versions of the Cerafine and the Silmic which we can no longer get in all the values we need and, two, because both the KAISEI versions sound far better than either the Cerafine and Silmic they will replace as we get the values needed in stock.

Forthcoming Audio Note™ Black Gate Replacements

It is perhaps pertinent to clarify the situation surrounding the Black Gate capacitors, Rubycon has not made these since 2006 and they are therefore not available, I should warn you that there are LOTS of fakes around, it is comparatively easy to make fakes, all it requires is a printed sleeve that looks like an original Black Gate, so except from one or two outlets who stocked up before they were discontinued most Black Gate capacitors offered on eBay are fakes, especially those coming from sellers in in South East Asia, so be very weary of “cheap” “genuine” Black Gates on offer from places like China, HK, Taiwan, Thailand, Singapore etc. they are most likely fakes.

For the past 6 years Audio Note™ has been working with Rubycon to design and make Audio Note™ branded Black Gate replacements, these will not be exact copies of Black Gates as such, but they will represent what we consider to be a further development of the Black Gate technology, primarily through improved materials but also by combinations of materials with the main focus on sound quality rather than purely measured performance, I think it is important to stress the fact that we at Audio Note™ still consider the Black Gate the finest sounding electrolytic capacitor ever made and we are therefore keen to reinstate and hopefully improve upon this level of quality before our internal stock of original Black Gates runs out.

Andy and I came back from Japan in early February and the progress update is not quite as good as we had hoped, Rubycon are struggling to find a supplier of the carbonized paper, who can imbed the graphite particles evenly into the paper, so we are still some way away from being able to make replacements, work goes on.

That is really all there is to say at this time.

PQ 22.02.2016