Quiescent User Guide

for the following products:

Vertex Classic Standard Jaya
Vertex Classic Silver Plus Jaya
Vertex Classic Standard Aneto
Vertex Classic Silver Aneto
Vertex Classic Standard Taga
Vertex Classic HiRez Taga
Vertex Classic HiRez Balanced Taga

general principles of operation

- The Jaya mains filters comprise an RFI shunt filter circuit, with acoustic absorption and EMI absorption applied at two performance levels (Standard, Silver Plus). When plugged into a mains socket, the Jaya lowers RFI noise by shunting it to ground.
- The Aneto DC blockers contain and inline passive DC blocking circuit and a shunt RFI filter circuit, with acoustic absorption and EMI absorption applied at two performance levels (Standard, Silver). When plugged inline to a component, the Aneto blocks DC offset and lowers RFI noise by shunting it to ground.
- The Taga distribution blocks provide an array of mains output sockets for the power needs of multiple components. They contain a shunt filter module and an inline acoustic absorption module to reduce RFI and microphony.
- The Balanced Taga distribution blocks also contain a balanced/isolating transformer to provide balanced mains outputs.

setup – Jaya shunt mains filters – all types

- The Jaya functions by plugging it unto an unused socket either in an adjacent wall socket or an unused socket in your distribution block. When plugged in, switch the socket on.
- Ensure that the Jaya module is fully supported by its own feet on a good surface and that none of its weight is being supported by its cable.
- If you are using other Vertex mains products you can stack the boxes - but endeavor to get them stacked squarely so they are supported on their rubber feet only. Avoid metal-to-metal contact between the boxes which could set up a vibration coupling route.
- Because of the design of the shunt filter circuit there is a small continuous bleed current of approx 7mA. The Jaya is fused with a 500mA slow blow fuse. If the performance of the item is lost, check the fuse and replace if necessary. If the fuse fails again please contact Quiescent.
- Where you plug in a Jaya can make a big difference to the results. Sometimes best results are achieved with the unit plugged into a spare socket on your extension lead, other setups may benefit more with the unit plugged into a spare wall socket. The results are just as much dependent on where the worst noise is in your mains wiring, as well as the performance of the filter itself.

setup – Aneto DC blockers – all types

- The Aneto is installed in-line to a component with an additional mains lead. Max rating is 13A.
- Ensure that the Aneto module is fully supported by its own feet on a good surface and that none of its weight is being supported by its cable.
- If you are using other Vertex mains products you can stack the boxes - but endeavor to get them stacked squarely so they are supported on their rubber feet only. Avoid metal-to-metal contact between the boxes which could set up a vibration coupling route.
- The shunt filter section within the Aneto is fused with a 500mA slow blow fuse. If the performance of the item is lost, check the fuse and replace if necessary. If the fuse fails again please contact Quiescent.

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configuration – Standard and HiRez Tagas

- Standard and HiRez Tagas provide power distribution with a single mains IEC inlet and six UK 13A, European Schuko or US outlet sockets dependent on regional requirements.
- All the outputs are a shunt filtered, direct through feed of the mains input, rated to supply a max total of 13A at 230V (3KW). For US use max total is 13A at 110V (1.5KW).
- Because the Taga has a shunt filter incorporated (a Silver Plus Jaya) there is a small continuous bleed current of approx 7mA. The shunt filter circuit is fused with a 500mA slow blow fuse. If the performance of the item is lost, check the fuse and replace if necessary. If the fuse fails again please contact Quiescent.

configuration – HiRez Balanced Taga

- The HiRez Balanced Taga provides power distribution with a single mains IEC inlet and four balanced outlet sockets and two single-ended (direct) outlet sockets.
- Balanced outputs are provided by a custom wound 300W balanced transformer. The max combined power draw from balanced outputs must not exceed 300W.
- Single-ended outputs are a straight through feed of the mains input, rated to supply a max total of 13A at 230V (3KW). For US use, max total is 13A at 110V (1.5KW).
- Output sockets can be UK 13A, European Schuko or US outlet sockets dependent on regional requirements.
- The Balanced circuitry is protected by a 5A input fuse and 2 x 1.6A output fuses. The shunt filter circuit has a 500mA slow blow fuse.

setup – Tagas – All Types

- The Taga can be positioned wherever best suits your system needs, either on the floor or on an equipment shelf. Ensure unit is stood on its own feet. The case should not be in contact with any hard item such as shelving or stand legs as this can create an unwanted acoustic path into the Taga.
- You should give the Taga sufficient space to allow input and output mains cables to freely lead away without tight bends. In particular, avoid cables pressing hard onto shelving or stand legs (unwanted acoustic paths again).
- The Taga does not have an on/off switch. Treat the Taga as if it's an ordinary distribution block. Once your system is connected up, switch the power on at the wall and then power up equipment with their respective power-on switches.
- When in use, the Taga is Earthed through your normal mains earthing arrangement via the Earth pin of the IEC inlet socket. However, the Taga is also fitted with an Earth binding post, to which you can connect an additional Earth wire to a separate Earth spike. Many household Earths are not particularly good at draining higher frequency (RFI) noise. An additional dedicated Earth spike and good cable/connections may give you a significant performance improvement.

burn-in

- All the Vertex Classic components go through a burn-in period when first used.
- The initial burn-in usually occurs over the first 48 hrs of use.
- Full burn-in is often not complete until at least 2 full weeks of use.
- The Vertex Classic products may benefit from the use of a burn-in machine. Use only a reputable hifi cable burn-in device. These devices can be used on the Vertex mains conditioners, DC blockers and distribution blocks
- Because many of the Vertex products use Teflon or PTFE insulation, they can 'un-burn' to a certain extent if not used for a prolonged period.
- Filter circuits tend to burn in to the noise profile of the location they are being used at, therefore if taken to a different location they require time to burn into the new noise profile.

layout considerations

- Sensible system layout is, in itself, a contributor to good performance.
- If possible, avoid your system being cramped. Installing Vertex Classic products sometimes requires extra space, particularly around the back of your system.
- Each of your main electronic components should have its own shelf. Stacking electronics directly on top of each other can create significant acoustic coupling between the items (as well as electromagnetic interference) and should be avoided as this can reduce the effectiveness of the Vertex acoustic modules.
- Try to keep mains leads and signal leads apart from each other where possible. If mains and signal leads have to cross, cross them at 90 degrees to minimize the possibility of interference.
- Because the vertex Classic products control system acoustic vibration, systems become significantly less effected by room acoustic problems. However, try to avoid placing your system very close to speakers or in a boomy corner or alcove.
- When you reduce the interactive faults of a system by introducing Vertex Classic equipment, remember that the perceived tonal balance of the system may alter. Therefore, when Vertex is used it is normal that speakers require re-positioning (typically bass is overblown and boomy to start with, so speakers are positioned to try to compensate for this - as the bass gains control, speakers often have to move back a couple of inches or so).

Handling and safety

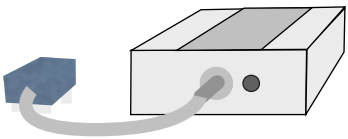
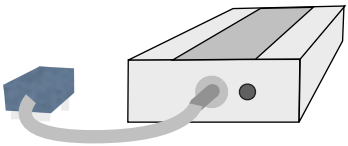
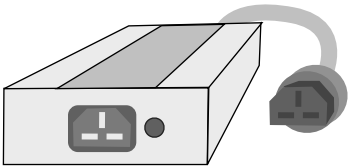
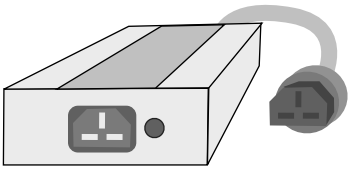
- Many of the Vertex Classic products are heavy - take the utmost care when unpacking and installing Vertex equipment to avoid injury, knocks or dropping the items. If in doubt ask a second person to assist.
- Take care when laying out or moving mains or speaker cable runs not to create a trip hazard.
- None of the Vertex Classic products have internal user serviceable parts. Never open any casework of any Vertex component - you may expose a shock hazard and may damage the casework.

cleaning

- The casework of these products can be dusted with a soft cotton cloth.
- Do not use any liquid cleaning fluids directly onto casework where it might enter any of the connectors or fuse holders. A small amount of household furniture cleaner applied to a cloth is the best method. Do not use liquid cleaning fluids on any of the plastic items or braiding.
- For optimum performance, connectors can be cleaned with a reputable audio contact cleaner such as Caig deoxit. Ensure manufacturer's cleaning instructions are carefully followed.

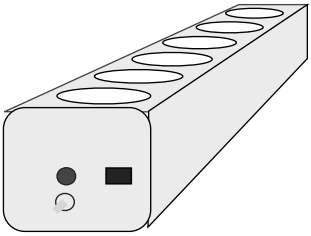
warranty

- All Vertex AQ Classic products have a 2-year parts and labour warranty which covers any failure of the product which has occurred during normal domestic use. Failure which may have occurred through misuse is not covered, examples include:
  - Damage caused by the use of inappropriate cleaning treatments.
  - Damaged caused by poor handling or dropping.

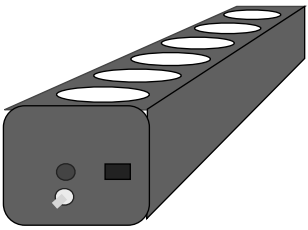
specifications summary	
Standard Jaya shunt mains filter Standard shunt filter circuit with acoustic absorption. Silver-Plated OFC conductors with PTFE insulation. UK, Schuko or US plug. 160mm x 105mm x 45mm, 2Kg. 500mA fuse (anti-serge).	
Silver Plus Jaya shunt mains filter High-speed shunt filter circuit with enhanced acoustic absorption. Silver conductors with teflon tube insulation. UK, Schuko or US plug. 220mm x 105mm x 45mm, 3Kg. 500mA fuse (anti-surge).	
Standard Aneto DC blocker DC blocking and standard shunt filter circuit with acoustic absorption. Silver-Plated OFC conductors with PTFE insulation. 13A IEC input socket and IEC output plug on captive lead. 220mm x 105mm x 45mm, 3Kg. 500mA fuse (anti-serge).	
Silver Aneto DC blocker DC blocking and high-speed shunt filter circuit with enhanced acoustic absorption. Silver conductors with teflon tube insulation. 13A IEC input socket and IEC output plug on captive lead. 220mm x 105mm x 45mm, 3Kg. 500mA fuse (anti-serge).	

specifications summary

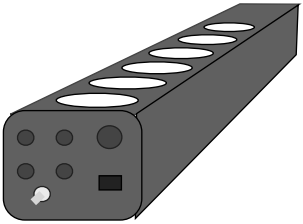
Standard Taga distribution block
6-way distribution block. IEC inlet with UK, Schuko or US output socket options. Silver-Plated OFC conductors with PTFE insulation, Silver Plus Jaya shunt mains filter and Roraima acoustic absorption modules. 365mm x 132mm x 120mm (lxwxh), 5Kg. 500mA fuse (anti-surge).



HiRez Taga distribution block
6-way distribution block. IEC inlet with UK, Schuko or US output socket options. Silver conductors with teflon tube insulation and EMI absorbent sleeving, HiRes Jaya filter and HiRez Roraima modules with enhanced acoustic absorption and EMI/RFI absorption. 365mm x 132mm x 120mm (lxwxh), 5Kg. 500mA fuse (anti-surge).



HiRez Balanced Taga distribution block
6-way distribution block. Balanced outputs x 4, direct outputs x 2. IEC inlet with UK, Schuko or US output socket options. Custom-wound 300W balanced transformer. Silver conductors with teflon tube insulation and EMI absorbent sleeving, HiRes Jaya filter and HiRez Roraima modules with enhanced acoustic absorption and EMI/RFI absorption. 525mm x 154mm x 120mm (lxwxh), 10Kg. Fuses – 1 x 5A, 2 x 1.6A, 1 x 500mA (all anti-surge).



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