SOURCE

INSTRUCTION MANUAL

QRT®

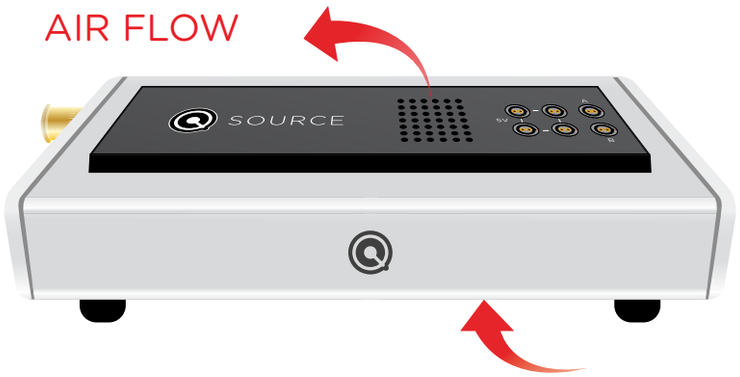
ABOUT THE QSOURCE

The QSOURCE is a fanless linear power supply designed specifically for high-end audio applications. Intended to be used as a replacement for external switch-mode power supplies, the QSOURCE provides a stable, clean output of DC power at select voltages, while maintaining extremely low noise levels. The QSOURCE uses a top-of-the-line transformer with a unique circuit design to convert AC to DC power, while an internal QRT module removes electrical anomalies and noise artifacts from the line. As a result, audio components run on the highest quality DC power possible.

Whether used in conjunction with Nordost's QPOINT Resonance Synchronizer, or as a standalone power supply for DC-dependent audio components such as music servers, network switches and routers, NAS drives, DC phono stages, and DC DACs, Nordost's QSOURCE Linear Power Supply will bring new dimension to your sound system, allowing you to enjoy richer and more nuanced musical performances.

PLACEMENT

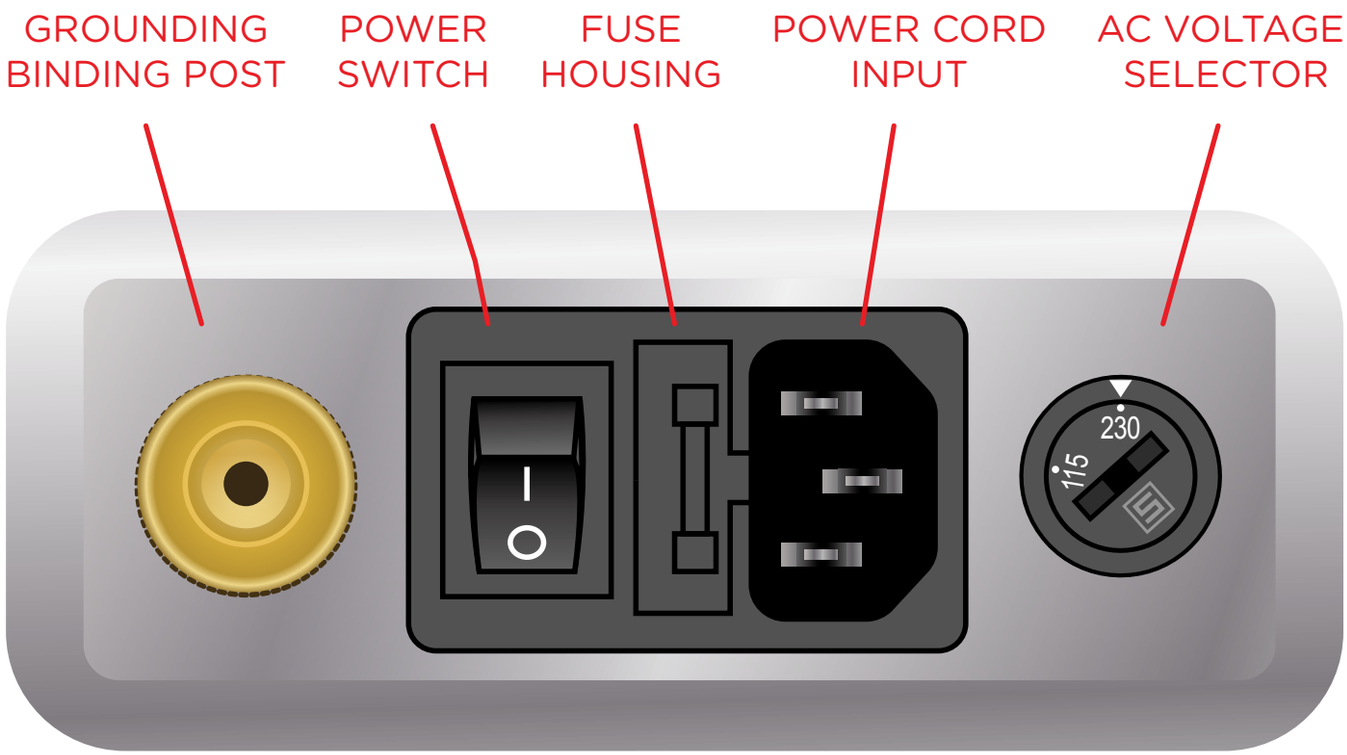
The QSOURCE can be positioned anywhere on or around your audio rack, in a well-ventilated space. When in use, the QSOURCE's case acts as a "heat sink", causing the device to become warm. To keep the device from overheating, ensure that the vents on **both the top and bottom** of the unit remain unobstructed at all times.



Caution: Do not place the QSOURCE on thick carpets or in enclosed locations where proper ventilation may be affected. Ambient temperature surrounding the QSOURCE should not exceed 38°C/100°F.

POWERING UP

Before turning on the QSOURCE, please verify that the device is set to the appropriate AC voltage for your location (115/230 VAC). The AC voltage selector is located next to the power cord input and can be adjusted using a slotted screwdriver if necessary.



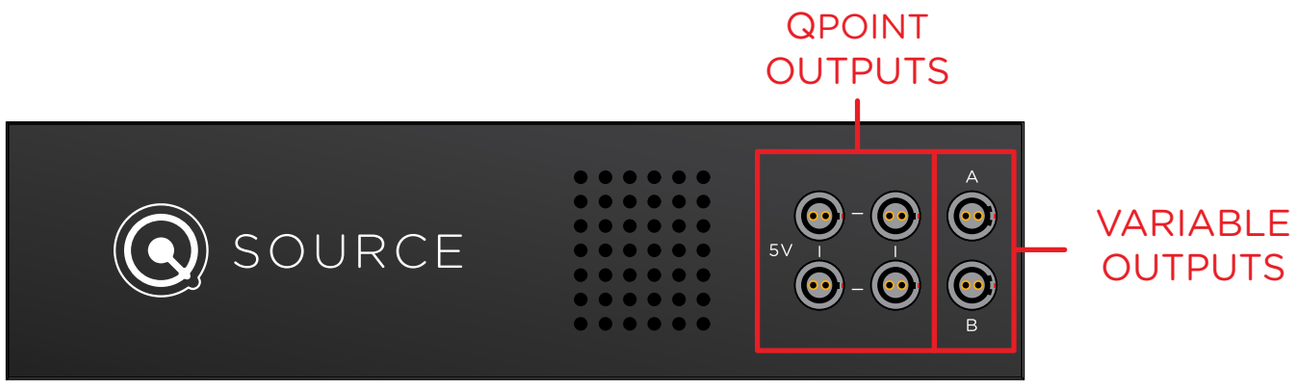
Use a power cord to plug the QSOURCE into either a wall socket or a power distribution block. **Only connect to outlets with grounding connections**. For best results, connect to a QBASE with a Nordost power cord.

Once the correct VAC is selected and the device is plugged in, you may turn on the QSOURCE using the power switch located on the end of the unit, between the binding post and IEC input. **However, make sure the device is powered off while connecting devices or changing voltages.** A blue LED light will remain lit on the opposite end of the QSOURCE while it is active

CONNECTING DEVICES

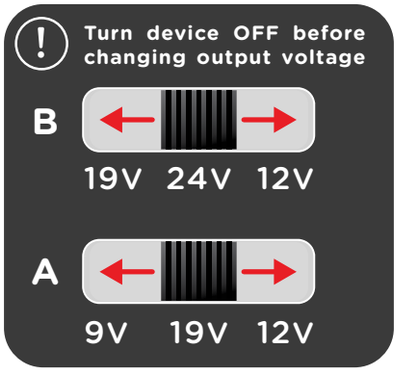
Caution: Before adding any new devices or changing voltages, be sure to power down the QSOURCE.

The top of the QSOURCE is equipped with 6 outputs. The four outputs labeled “5V” are designated to power Nordost’s QPOINT Resonance Synchronizers. The remaining two “variable” outputs (output “A” and output “B”) are intended to be used for music servers, network switches, NAS drives, DC phono stages, DC DACs or similar devices.

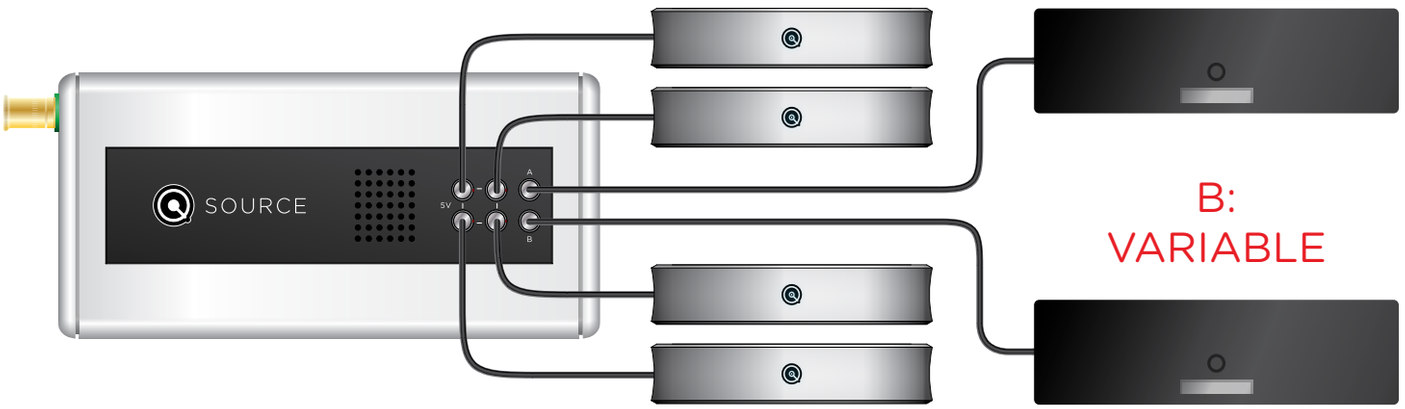


Outputs “A” and “B” are controlled by the corresponding switches on the bottom of the QSOURCE. Output “A” supplies 24, 19, or 12 VDC, while output “B” supplies 19, 12, or 9 VDC. Select the correct voltage necessary for your device before connecting any devices or powering on the QSOURCE.

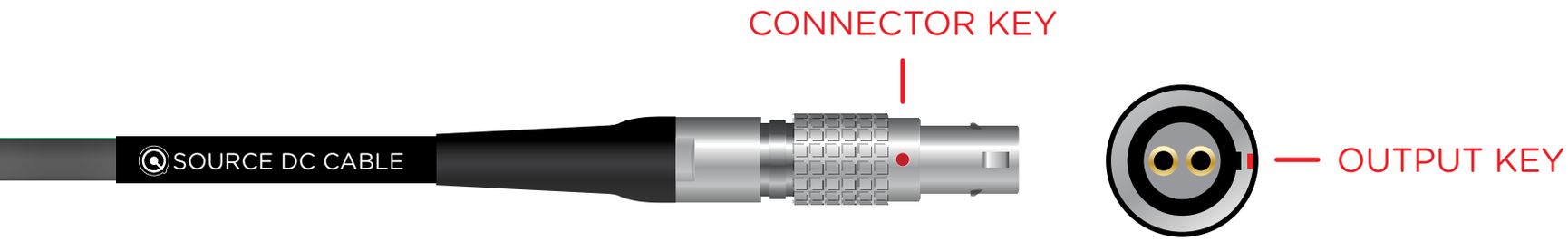
VARIABLE OUTLET VOLTAGE SWITCHES
(ON UNDERSIDE OF UNIT)



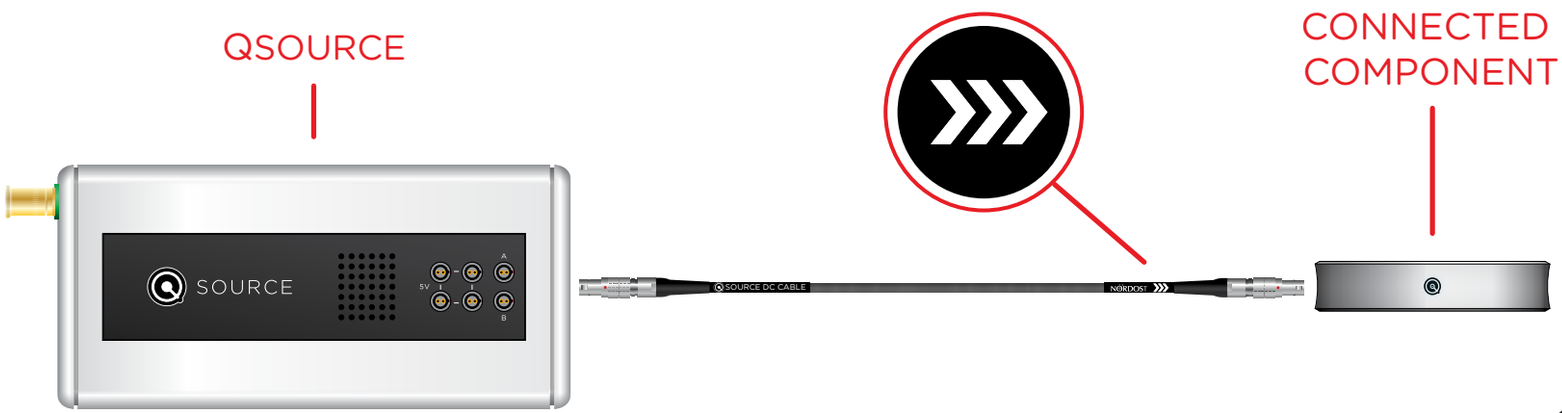
EXTERNAL CONNECTIONS EX.



Once voltages are selected, connect all devices using their corresponding QSOURCE DC Cables (sold separately). Make sure to align the keys (indicated with red dots) on both the LEMO connector and the outputs before connecting them.



Arrows on cable indicate direction of flow from QSOURCE to any connected components.



GROUNDING

The QSOURCE can be grounded to a QKORE Ground Unit by connecting a QKORE Wire to its binding post. However, if your QSOURCE is plugged into a “grounded” QBASE distribution block, there is no need for further grounding.

TROUBLESHOOTING

The QSOURCE is protected by a 1.25A Time-Lag ceramic fuse on the unit’s input. If no power is being supplied to the outputs, or if the LED does not light up when plugged in and powered on, check the fuse and replace it. A backup fuse is supplied inside the unit’s fuse housing.

Caution: Only replace the fuse with fuses of the same 1.25A type. Using others (including audiophile fuses) may damage your equipment and will void your warranty.

As a safeguard, the QSOURCE will shut down when any output demands more power than its capabilities allow, or if the device is overheating. If power to the device is cut, even in instances where the LED remains on, turn the QSOURCE off. Make sure that the power requirements of all external devices are within the limitations outlined in the specifications, that there is proper ventilation around the unit, and that the ambient temperature does not exceed 38°C/100°F. Once all necessary changes have been made and the QSOURCE has cooled down, the device can be turned on and used as normal. If after this procedure, the QSOURCE is still not supplying the appropriate output, please contact your Nordost dealer.

Caution: NEVER attempt to open or tamper with the device. There is a risk of electrical shock and there are no user-serviceable parts inside.

SPECIFICATIONS

AC Power Input: Switchable 115/230 VAC 50/60 Hz
AC Fuse: T1.25A/250V Time-lag, Ceramic Body
Maximum AC power consumption: 100 VA
Maximum continuous DC power output @ 19 V: 66 W
Maximum continuous DC power output @ 12/24 V: 20 W
Maximum continuous DC power output @ 9 V: 10 W
Maximum continuous DC power output for all 5 V outputs combined: 5 W
Rated Operating Ambient Temperature: 25°C / 77°F
PSRR: 75 dB
Dimensions: 280mm x 121mm x 67mm / 11in x 4.75in x 2.625in with feet
Weight: 2.7kg / 6lb

WARRANTY

Nordost warrants that the product will be free from defects in materials and workmanship to the original purchaser, under normal use and service, for a period of 24 months. This warranty is not transferable.

To qualify, please visit www.nordost.com/product-registration.php and fill out the form, together with proof of purchase, within 30 days of purchase.

NORDOST
MAKING THE CONNECTION

QRT®

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