SOURCE MARK II

INSTRUCTION MANUAL

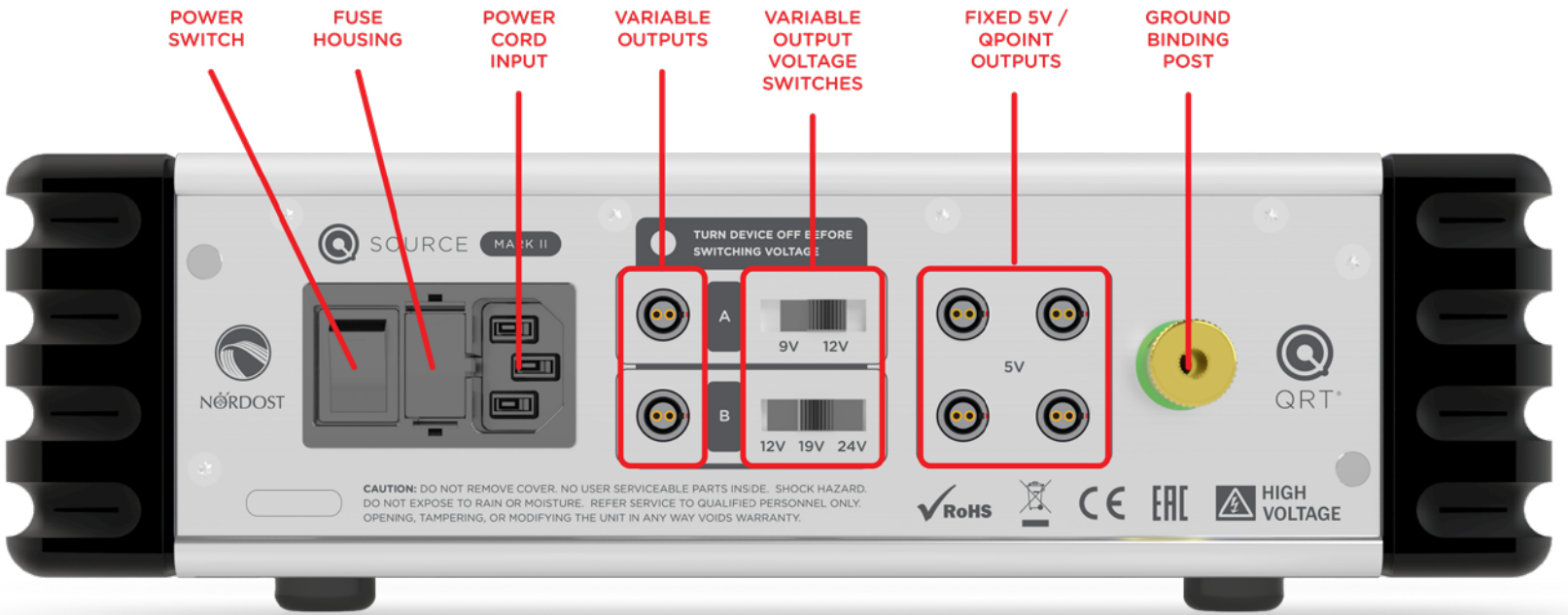

SOURCE

QRT®

ABOUT THE QSOURCE MKII

The QSOURCE MKII 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 MKII provides a powerful, stable, clean output of DC power at select voltages, while maintaining extremely low noise levels. The QSOURCE MKII combines dual top-of-the-line transformers with a unique circuit design to convert AC to DC power, while an internal QRT module minimizes resonances. As a result, audio components run on the highest quality DC power possible.

Whether used in conjunction with Nordost's QNET, QNET7, 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 MK II Linear Power Supply will bring new dimension to your sound system, allowing you to enjoy richer and more nuanced musical performances.


POWER SWITCH
FUSE HOUSING
POWER CORD INPUT
VARIABLE OUTPUTS
VARIABLE OUTPUT VOLTAGE SWITCHES
FIXED 5V / QPOINT OUTPUTS
GROUND BINDING POST
SOURCE
MARK II
NORDOST
TURN DEVICE OFF BEFORE SWITCHING VOLTAGE
A
B
9V 12V
12V 19V 24V
5V
QRT
CAUTION: DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. SHOCK HAZARD. DO NOT EXPOSE TO RAIN OR MOISTURE. REFER SERVICE TO QUALIFIED PERSONNEL ONLY. OPENING, TAMPERING, OR MODIFYING THE UNIT IN ANY WAY VOIDS WARRANTY.
RoHS
HIGH VOLTAGE

PLACEMENT

The QSOURCE MKII can be positioned anywhere on or around your audio rack, in a well-ventilated space.

For enhanced performance through resonance control, support the QSOURCE MKII with Nordost Sort Kones. On the underside of the unit are three depressions to fit the tips of the Sort Kones.

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



CONNECTING DEVICES

Caution: Before adding any new devices or changing voltages, be sure the QSOURCE MKII is powered down.

At the back of the QSOURCE MKII there are 6 outputs, four labeled “5V” and two “variable” outputs (output “A” and output “B”). All outputs may be used for music servers, network switches, NAS drives, DC phono stages, DC DACs or similar devices as long as the power output specifications listed in this manual are respected.

Outputs “A” and “B” are controlled by the corresponding switches on the back of the QSOURCE MKII. Output “A” supplies 9 or 12 VDC, while output “B” supplies 12, 19 or 24 VDC.

Select the correct voltage necessary for your device before connecting any devices or powering on the QSOURCE MKII.

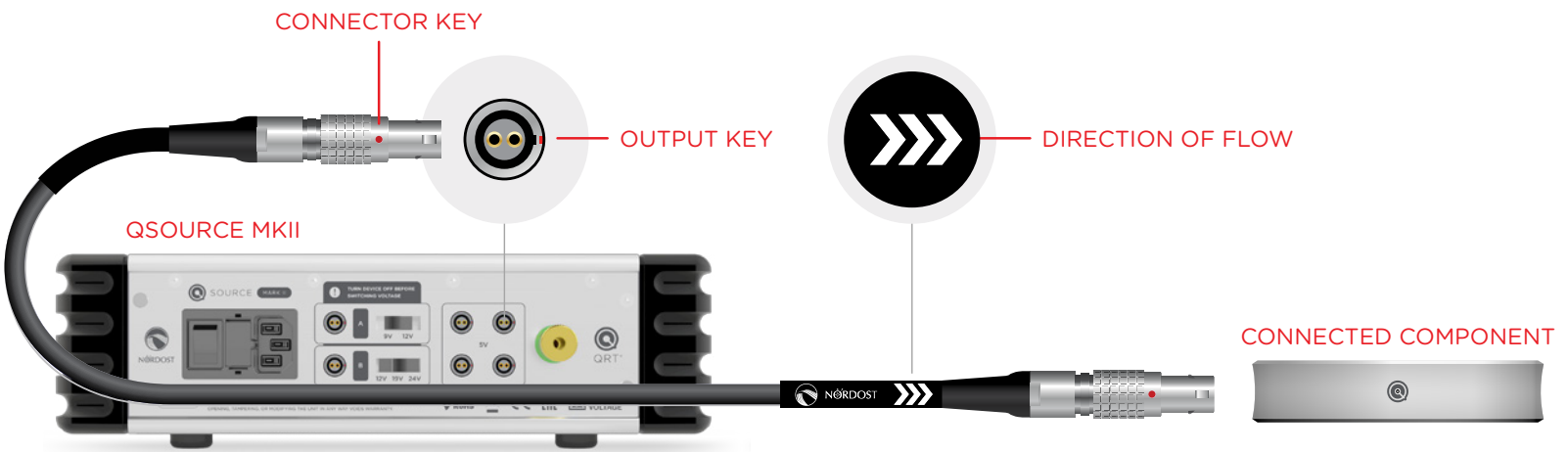
After voltages are selected, but before powering on the unit, connect

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.

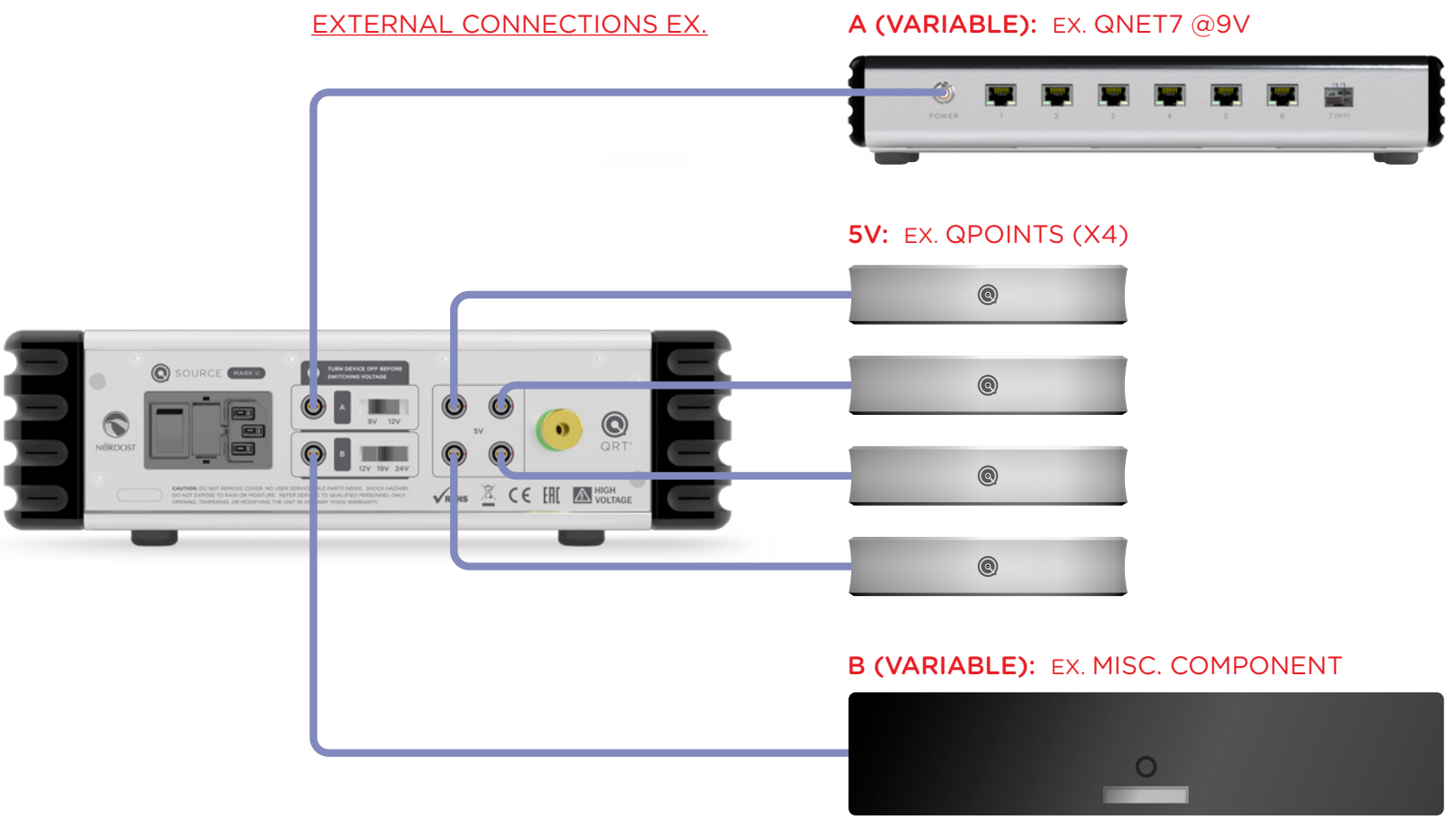
The arrows on the cables indicate direction of flow from the QSOURCE MKII to any connected components.

GROUNDING

The QSOURCE MKII can be grounded to a QKORE Ground Unit by connecting a QKORE Wire to its binding post, but that should only be done if your QSOURCE is not already plugged into a “grounded” AC distribution block like the QBASE.



EXTERNAL CONNECTIONS EX.

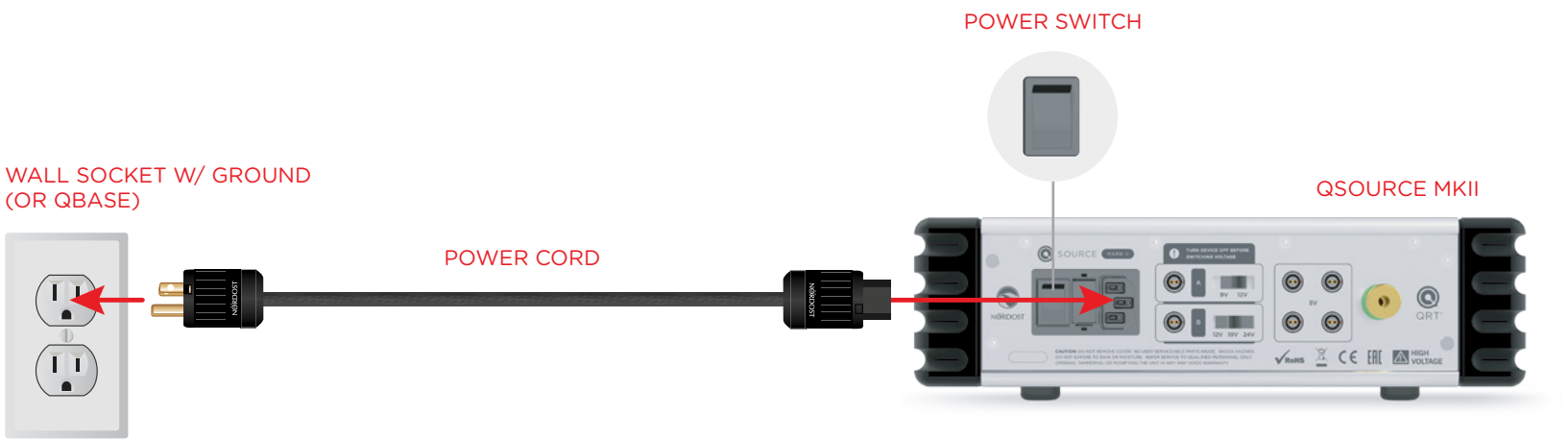


POWERING UP

The QSOURCE MKII comes factory-set to the appropriate AC voltage for your location (115 OR 230 VAC).

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

Once the device is plugged in, you may turn on the QSOURCE MKII using the power switch located at the back of the unit, **However, make sure the device is powered off while connecting devices or changing voltages.** A blue LED light will remain lit on the front panel of the QSOURCE MKII while it is active.



TROUBLESHOOTING

The QSOURCE MKII is protected by a 3.15A 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 3.15A type. Using others (including audiophile fuses) may damage your equipment and will void your warranty.

As a safeguard, the QSOURCE MKII will shut down when any output demands more power than it's capable of, or if the device is overheating. If power to the device is cut, even in instances where the LED remains on, turn the QSOURCE MKII 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 MKII has cooled down, the device can be turned on and used as normal. If after this procedure, the QSOURCE MKII 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, you will void your warranty and there are no user-serviceable parts inside.

NORDOST

SPECIFICATIONS

AC Power Input:	Switchable 115/60 or 230/50 VAC	
AC Fuse:	T3.15A/250V Time-lag, Ceramic Body	
Output Power*	Continuous	Short-Term Peak
@24V:	72W	100W
@19V:	114W	160W
@12V (A):	30W	42W
@12V (B):	24W	34W
@9V:	30W	42W
@5V:	15W	20W
Rated Operating Ambient Temperature:	77°F (25°C)	
Dimensions (WxDxH):	11.2in x 7.7in x 3.4in (285mm x 196mm x 85mm)	
Weight:	17lb (7.7kg)	

*When combining outputs, the available combined power may be lower

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.

Please Note: There are no user serviceable parts inside the QSOURCE MKII. Opening, tampering with, or modifying the unit in any way could be dangerous and will VOID THE WARRANTY on this product.

To register for Warranty Service, within 30 days of the purchase, the customer must fill out and return the Warranty Registration Card to the right, together with proof of purchase, or register online at:

www.nordost.com/product-registration.php

QSOURCE MKII

Warranty Registration Card

Please complete and return this Warranty Registration Card within 30 days of purchase together with proof of purchase to:

Nordost, 93 Bartzak Drive,
Holliston MA 01746, USA

Warranty Registration Cards can also be scanned and emailed to **info@nordost.com** or faxed to **+1 508 893 0115**

Name.....

Address.....

.....

.....

Postal Code .....

Country .....

Tel no. .....

Email .....

Serial Number.....

Dealer Name .....

Dealer Country.....

Date of Purchase.....

*2 YEAR WARRANTY**

**Non-transferable*

NORDOST



See www.nordost.com/downloads.php
for more language options

QRT®