Quick Start Guide

ADI Icron™

AN ANALOG DEVICES BRAND

Polaris™ 7044

USB 3-2-1 Matrix

Package Contents:

▸ Polaris 7044 Matrix
▸ 24V 2.71A International Power Adapter
▸ Country Specific AC Power Cord
▸ RS232 Mating Connector
▸ Default Values Label (to affix where desired)
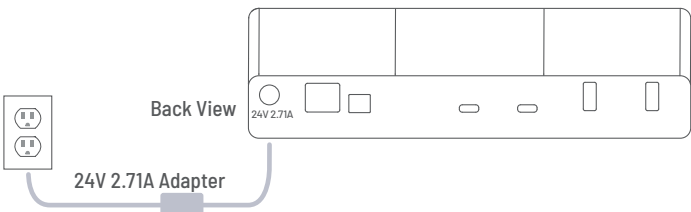▸ Quick Start Guide

For more information about configuring and operating this product, refer to the complete online user guide at **icron.com/oem7044**.

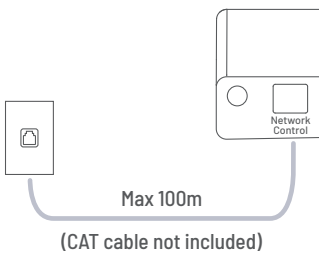For technical support, visit **icron.com/support**.

For sales/general inquiries, visit **icron.com/contact**.

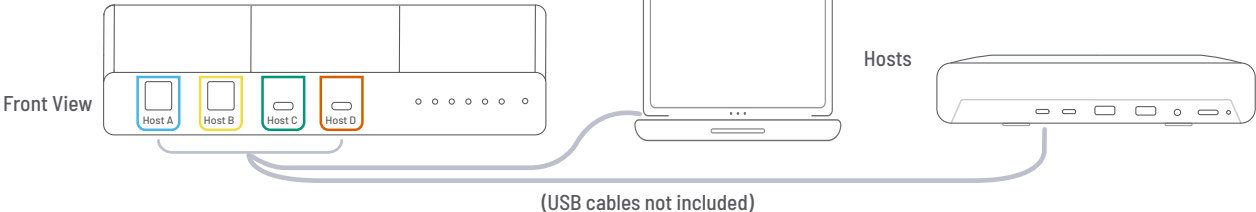Before starting, install any required drivers for your USB device(s).

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1 Place the Polaris Matrix where desired and connect it to a power source using included 24V 2.71A adapter and tighten the locking ring.
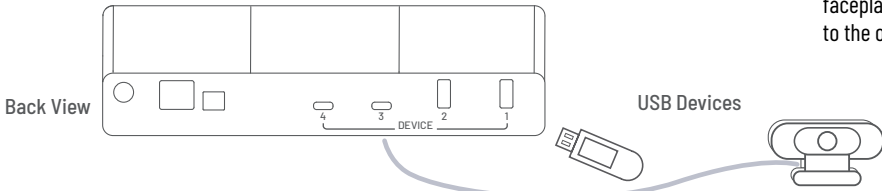

Back View
24V 2.71A
24V 2.71A Adapter

2 Connect RS232 or Ethernet connection to desired controller or network.

Network Control
Max 100m
(CAT cable not included)

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3 Connect up to four hosts to the Polaris Matrix.

Front View
Host A   Host B   Host C   Host D
Hosts
(USB cables not included)

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4 Connect up to four devices to the Polaris Matrix.

Optional: Use the test button on the front faceplate to test USB connections (refer to the online user guide for more details).

Back View
4   3   DEVICE   2   1
USB Devices
Reset/Test

Note: Connect higher power devices (e.g. USB powered camera, Mass Storage etc.) to the USB-C ports for higher power output.

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5 Use APIs on the RS232 or APIs and GUI on the Ethernet interface to configure the Polaris Matrix as necessary.

Default Values:
1. RS232 set to 9600 baud; 1 Stop; No Parity
2. IP set to Static with the following parameters:
   (a) IP: 192.168.0.254
   (b) Subnet Mask: 255.255.255.0
   (c) Gateway: 192.168.0.1
   (d) Port: 23
3. Auto Switching Off
4. GUI, Network API, and RS232 Interfaces Unlocked
5. UserID: USER
6. User Password: USER
7. AdminID: ADMIN
8. Admin Password: ADMIN

Certification, Compliance, and Warranty Information

FCC Radio Frequency Interference Statement Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

CE Statement

We, Icron, an Analog Devices brand, declare under our sole responsibility that the Polaris™ 7044, to which this declaration relates, is in conformity with European Standards EN 55032, EN 55035, EN 61000, EN 62368-1 and RoHS Directive 2011/65/EU + 2015/863/EU.

Industry Canada Statement

This Class A digital apparatus complies with Canadian ICES-003.
CAN ICES-3 (A) / NMB-3 (A)

WEEE Statement

The European Union has established regulations for the collection and recycling of all waste electrical and electronic equipment (WEEE). Implementation of WEEE regulations may vary slightly by individual EU member states. Please check with your local and state government guidelines for safe disposal and recycling or contact your national WEEE recycling agency for more information.

Product Operation and Storage

Please read and follow all instructions provided with this product and operate for intended use only. Do not attempt to open the product casing as this may cause damage and will void the warranty. Use only the power supply provided with this product. When not in use, this product should be stored in a dry location between -20°C and 70°C. Product user guides are available online at **icron.com**.

Limited Hardware Warranty

Icron warrants that any hardware products accompanying this documentation shall be free from significant defects in material and workmanship for a period of two years from the date of purchase. Icron's hardware warranty extends to Licensee, its customers and end users. The warranty does not include repair of failures caused by misuse, neglect, accident, modification, operation outside a normal operating environment, service of the device by non-authorized servicers or a product for which Icron is not responsible.