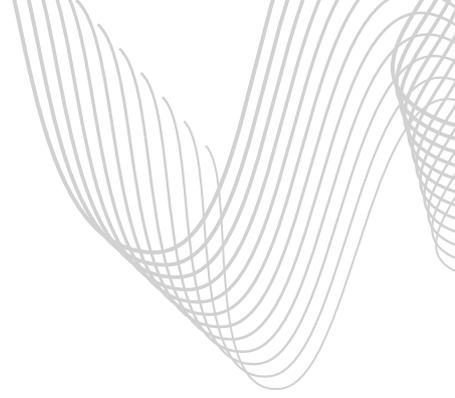# Aria X
Quick Start Guide

ARIA X

Dante-Enabled Digital Signal Processor

Quick Start Guide

1. What's in the Box

- Aria X DSP
- DC 12 V power supply (unless powered via Dante PoE)
- Phoenix connectors (audio I/O)
- Quick start card

2. Power & Network (5-Minute Setup)

Power Options
- Dante PoE (recommended): Connect Aria X to a PoE-enabled Dante switch
- DC Power: 12 V / 2 A adapter

Network Defaults
- Default IP: 192.168.1.200
- Subnet: 255.255.255.0
- Gateway: 192.168.1.1

Ensure your computer is on the same subnet before launching control software .

3. Audio Connections

Analog Inputs (IN1–IN4)
- Mic or line-level sources via 3-pin Phoenix
- Enable +48 V phantom power only for condenser microphones

Outputs (OUT1–OUT4)
- Line-level outputs to amplifiers or powered speakers

Dante Audio
- Dante RX/TX channels appear automatically once the device is on the network
- Route audio using Dante Controller as needed

USB-C Audio
- Plug-and-play USB Audio Class (2 × 2 I/O)
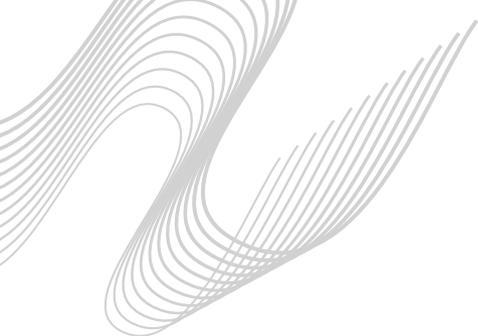
4. Install & Launch Control Software

1. Open a web browser
2. Navigate to http://192.168.1.200
3. Download and install the control software
4. Launch the application

System requirement: Windows with .NET Framework 4.0+ .

5. Connect to Aria X

1. Click Device Search
2. Double-click the Aria X in the device list
3. Log in with:
o Username: admin
o Password: 123456

Once connected, the main mixer view appears.

6. Quick Audio Routing (Most Common Workflow)

Step 1 – Set Input Levels
- Select Input Channel
- Adjust Sensitivity/Gain
- Confirm signal on meters (avoid clipping)

Step 2 – Matrix Routing
- Open Matrix Mixer
- Click the intersection between desired Input → Output
- Adjust output gain as needed

This is required for any audio to pass .

7. One-Minute DSP Essentials

Speech / Broadcast Preset (Typical)
- High-Pass Filter: 80–120 Hz (mic inputs)
- Compressor:
o Ratio: 3:1
o Threshold: −20 dB
- Limiter (outputs): −3 dB
- ANS (Noise Suppression): 6–12 dB
- AFC (Feedback Control): Enable for live mics

All processing blocks can be enabled/disabled per channel.

8. Dante & USB Use Cases

Dante
- Inputs/outputs appear as Dante RX/TX channels
- Use Dante Controller for routing
- Ideal for broadcast consoles, AoIP systems, and recording

USB
- Select Aria X as an audio device on your computer
- Supports playback and recording simultaneously

9. Save a Scene (Do This!)

1. Click Scene List
2. Select an empty slot
3. Click Save

Scenes store all routing and DSP settings and can be recalled instantly .

10. Front-Panel Indicators

- PWR: Solid = powered
- SYS: Blinking = operating normally
- Display: Shows current IP address