



proaudio 1604 Powersoft Duecanali DSP Plus Range Instructions

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proaudio 1604 Powersoft Duecanali DSP Plus Range



Product Information

Specifications

- **Product Name:** Powersoft Duecanali DSP+
- **Model:** DSP+
- **AES67 Compatibility:** Yes
- **Amplifier Platforms:** Duecanali and Quattrocanali
- **Audio-over-IP (AoIP) Support:** Yes
- **AES67 Standard Compliance:** Yes
- **Digital Audio Protocols Support:** Yes
- **Networking System Interoperability:** Yes
- **Website:** www.powersoft.com.

Description

Powersoft has expanded its fixed-install product range with the introduction of AES67-compatible versions of its popular Duecanali and Quattrocanali amplifier platforms. These new models, the Duecanali DSP+ and Quattrocanali DSP+, are designed to receive audio-over-IP (AoIP) streams compliant with the AES67 standard. This allows for high-performance streaming and interoperability across different networking systems.

The Duecanali DSP+ and Quattrocanali DSP+ amplifiers provide added flexibility to fixed-installation customers by supporting a wider choice of digital audio protocols. With over 3,000 AES67-compatible products available in the market, these amplifiers are the perfect complement to Powersoft's existing DSP+D range.

Product Usage Instructions

Installation

1. Select a suitable location for the amplifier.
2. Ensure proper ventilation to prevent overheating.
3. Connect the amplifier to a power source using the provided power cable.
4. Connect your audio source to the amplifier using the appropriate cables (e.g., XLR, RCA).
5. Connect the amplifier to your speakers or audio system using speaker cables.

Configuration

1. Power on the amplifier by pressing the power button.
2. Access the amplifier's configuration settings through the control panel or remote control.
3. Configure the audio input settings according to your requirements (e.g., input sensitivity, gain adjustment).
4. Configure the output settings for optimal sound reproduction (e.g., crossover frequencies, EQ settings).
5. Save the configuration settings once you are satisfied with the adjustments made.

Operation

1. Ensure that your audio source is playing and the volume is set to an appropriate level.
2. Monitor the amplifier's status indicators to ensure proper operation.

3. Adjust the volume using the amplifier's controls or remote control.
4. Make further adjustments to the amplifier settings if necessary, such as EQ modifications or input selection.

FAQ (Frequently Asked Questions)

- **Q: What is AES67 compatibility?**

A: AES67 compatibility means that the amplifier can receive and process audio-over-IP (AoIP) streams that adhere to the AES67 standard. This allows for seamless interoperability with other AES67-compatible devices and systems.

- **Q: How many digital audio protocols are supported by the Duecanali DSP+ and Quattrocanali DSP+ amplifiers?**

A: The Duecanali DSP+ and Quattrocanali DSP+ amplifiers support a wide range of digital audio protocols, providing you with flexibility in choosing the protocol that best suits your audio setup.

- **Q: Can I use the amplifier with non-AES67 audio sources?**

A: Yes, the amplifier is compatible with non-AES67 audio sources as well. It can handle various audio inputs, making it versatile for different audio setups.

Compatible Versions

Powersoft has further enhanced its fixed-install product range by introducing AES67-compatible versions of its popular Duecanali and Quattrocanali amplifier platforms. The new models, called Duecanali DSP+ and Quattrocanali DSP+, can receive audio-over-IP (AoIP) streams compliant with the AES67 standard, which allows high-performance streaming AoIP interoperability across different networking systems. The new Powersoft DSP+ models – comprising the Duecanali 804 DSP+, 1604 DSP+, 4804 DSP+ and 6404 DSP+ and Quattrocanali 1204 DSP+, 2404 DSP+, 4804 DSP+ and 8804 DSP+ – can receive AES67 streams natively by connecting the dedicated AoIP networking port to an AES67 network.

The new Duecanali DSP+ and Quattrocanali DSP+ amplifiers are supported by a new version of ArmoníaPlus, Powersoft's system design, control, and monitoring software, which is available today (19th September).

Introduction

The introduction of the new DSP+ models will enable systems integrators to take advantage of the growing number of AES67-native audio products, says Powersoft product management specialist Giorgio Carminati, while the v2.4 update to ArmoníaPlus will streamline the configuration process by allowing users to configure both the AES67 inputs and DSP settings of the amplifiers in the same software.

All Powersoft amplifiers featuring a Dante card, including Duecanali DSP+D and Quattrocanali DSP+D models, can also be configured to work with AES67 audio streams by enabling AES67 mode in ArmoníaPlus or Dante Controller. "We are delighted to introduce these new amplifiers, which will give our fixed-installation customers even more flexibility by supporting a wider choice of digital audio protocols," comments Carminati. "With almost 3,000 AES67-compatible products now on the market, there's no better time to launch the Duecanali DSP+ and Quattrocanali DSP+ amplifiers, which act as a perfect complement to our existing DSP+D range."

Installed Sound Reinforcement Systems


Suitable for larger installed sound reinforcement systems, the two-channel Duecanali series offers low power consumption and heat dissipation, superior audio quality, and reliable performance in a compact, lightweight unit. With four channels, Lo-Z and 70V/100V distributed lines, and low operating costs, Quattrocanali is perfect for small- to medium-size installations where flexibility is key. All Duecanali and Quattrocanali DSP+ and DSP+D

models also benefit from state-of-the-art built-in signal processing.

ArmoníaPlus 2.4 – which also adds support for the T Series touring amplifier – is available to download now from [here](#).

www.powersoft.com.

Documents / Resources







Powersoft Duecanali DSP+ range

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References

-  [Phoca PDF](#)
-  [Powersoft - Driving Human Audio Experience](#)
-  [TCPDF](#)
-  [Powersoft - Driving Human Audio Experience](#)
- [User Manual](#)