Scenario 1 – The homeowner wants high-quality Home Theater sound in each zone.

Scenario 2—The client will stream shows, sports, and movies directly from their TV. There is no video distribution system, but he still wants a professional installation.

Scenario 3 – Customer wants a simplified professional AV installation without a control system.

AudioControl®

AudioControl®

Making Good Sound Great™

The New Bijou Amplifier Series

2100, 3100, 5100D



HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE dts HD Dolby Audio Dante®



Power Comes in a Small Package

Why Choose Bijou?

- The Bijou has big power in a small package, making it easy to hide so your room can maintain a sleek & modern appearance.
- An HDMI eARC input delivers the highest-quality audio and video over a single cable with native remote-control compatibility, allowing you to simplify installations with fewer cables and less clutter.
- No configuration Dolby Atmos and DTS support ensures delivery of jaw-dropping immersive experiences and the simplicity of operation your clients seek

Bijou is Pushing Technology Forward



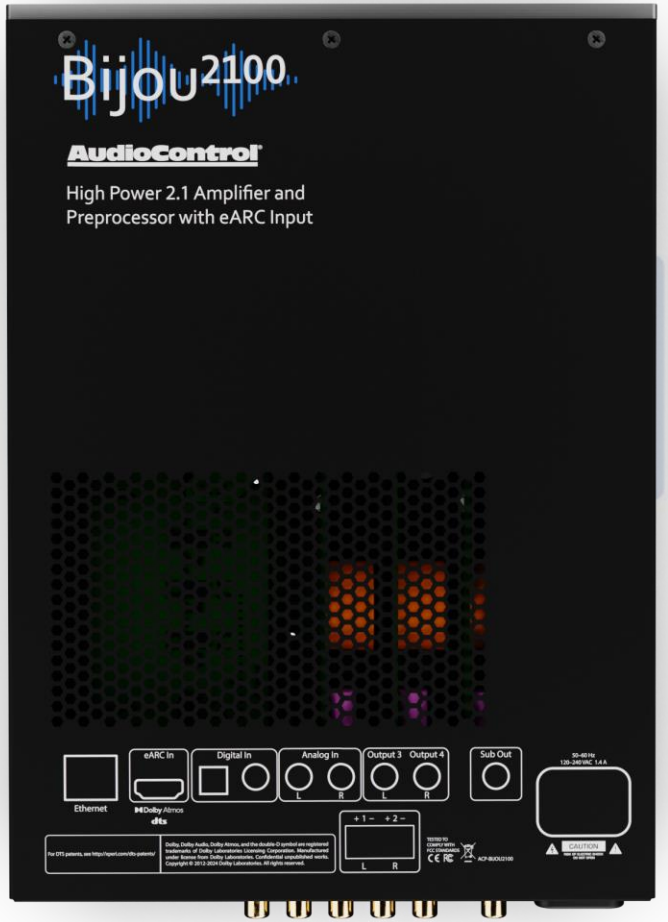
- Bijou: Big sound, small footprint; easy to control and install
- GaN power, cool performance - Bijou redefines amplifier efficiency
- From eARC to Dante: Bijou speaks the language of modern connectivity
- Compact, powerful, versatile - Bijou is the Ideal solution for single-zone amplification
- Audiophile quality meets smart home integration - Bijou bridges the gap

The Bijou 2100 A Closer Look







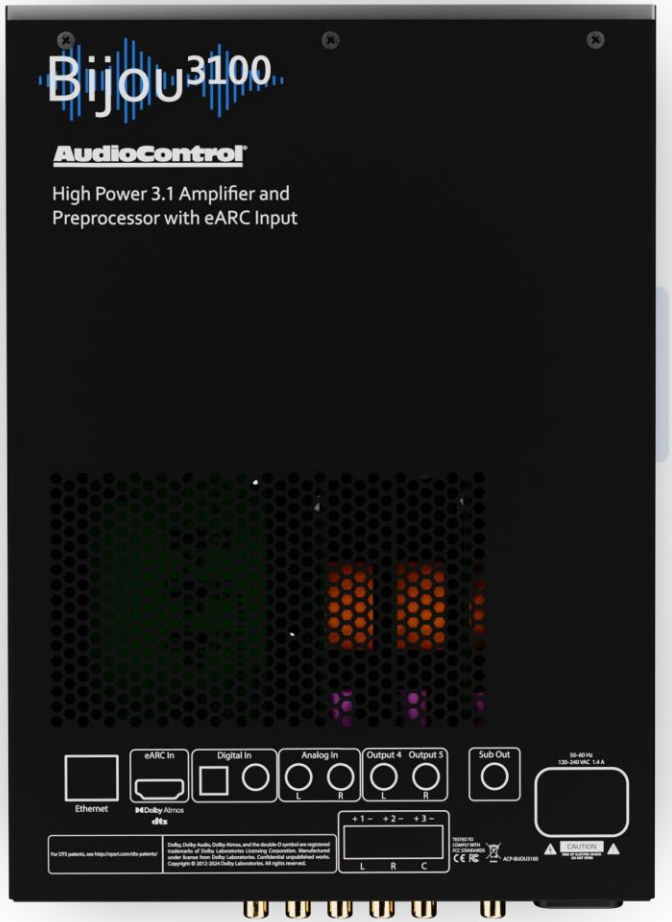


The Bijou 3100 A Closer Look









The Bijou 5100D A Closer Look











Dante®

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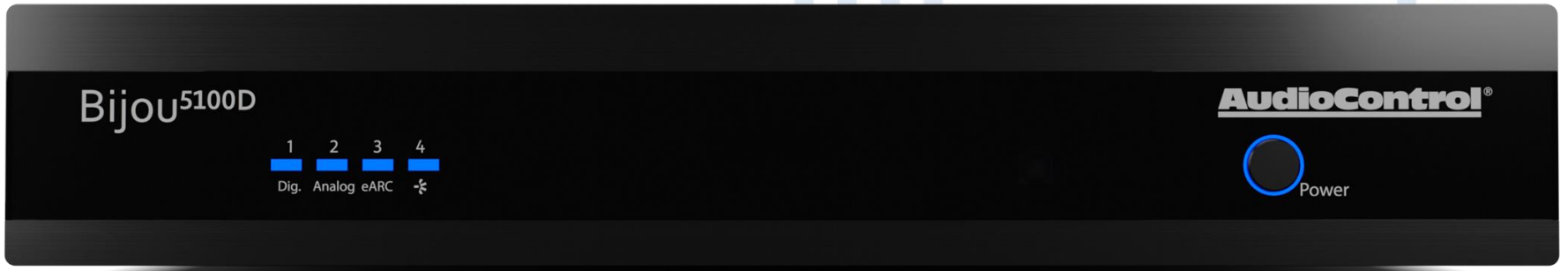
Port Comparison



Bijou Amplifier Series

- Designed for the custom installer
- eArc integrated multi-channel amplifier
- Dolby Atmos and DTS support
- GaN amplifier technology – cool running, highly efficient, quiet
- CEC controlled – no need for a control system

- Highly customizable
  - Web GUI for configuration
  - EQ
  - Signal Sense switching
  - Flexible speaker configuration
- Dante enabled – 5100D only



Bijou 2100/3100

Inputs

- eArc
- Digital – Toslink or Coax
- Analog – unbalanced RCA

- Input switching
  - Direct command via IP or IR
  - Signal Sense
    - Input priority

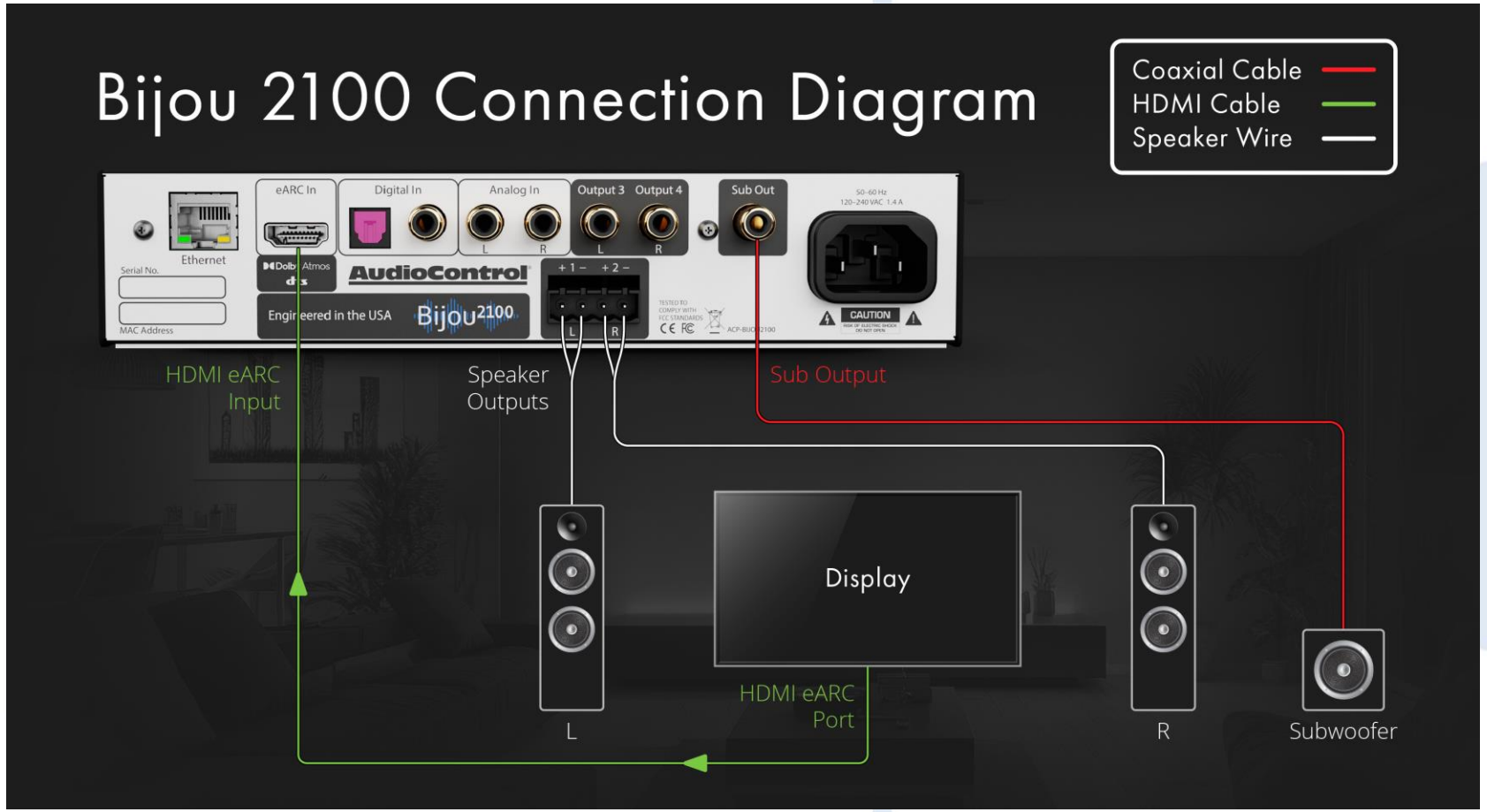


Bijou 2100/3100

Outputs

- 2/3 amplified output channels
- 2 line level unbalanced outputs – assignable
- Subwoofer line output



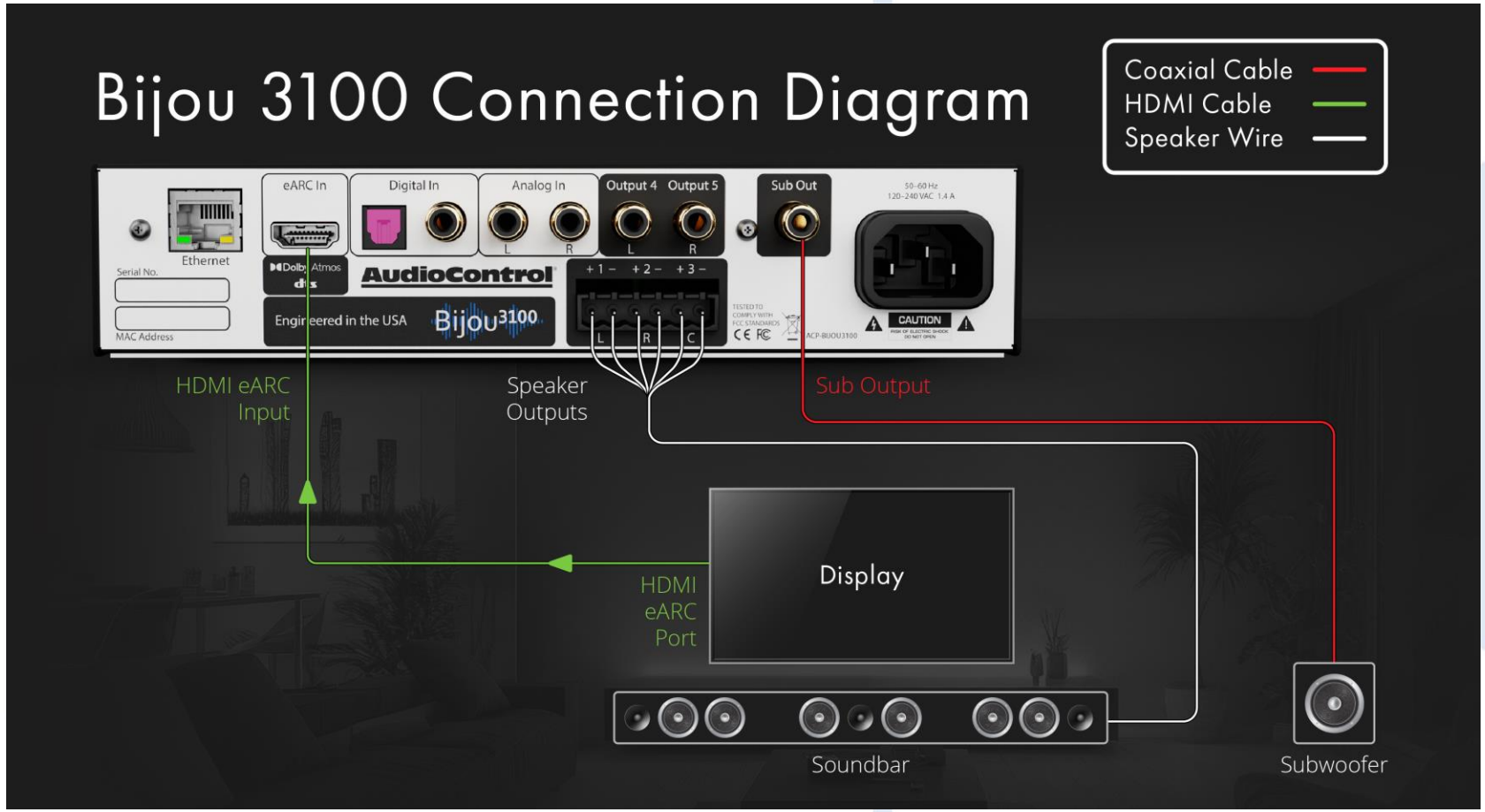


Connect this to any eARC TV in the:

- Bedroom
- Living Room
- Family Room
- Patio
- Kitchen
- Garage

Music Heads

- 2 Channel Stereo



The Perfect Choice when using a three-channel Sound Bar inside your:

- Bedroom
- Living Room
- Family Room
- Patio
- Kitchen
- Garage

The best solutions for passive sound bars

Bijou 5100D

Dante®

Inputs

- eArc
- Digital – Toslink or Coax
- Analog – unbalanced RCA
- Dante – 2 x channels

- Input switching
  - Direct command via IP or IR
  - Signal Sense
    - Input priority



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Making Good Sound Great™

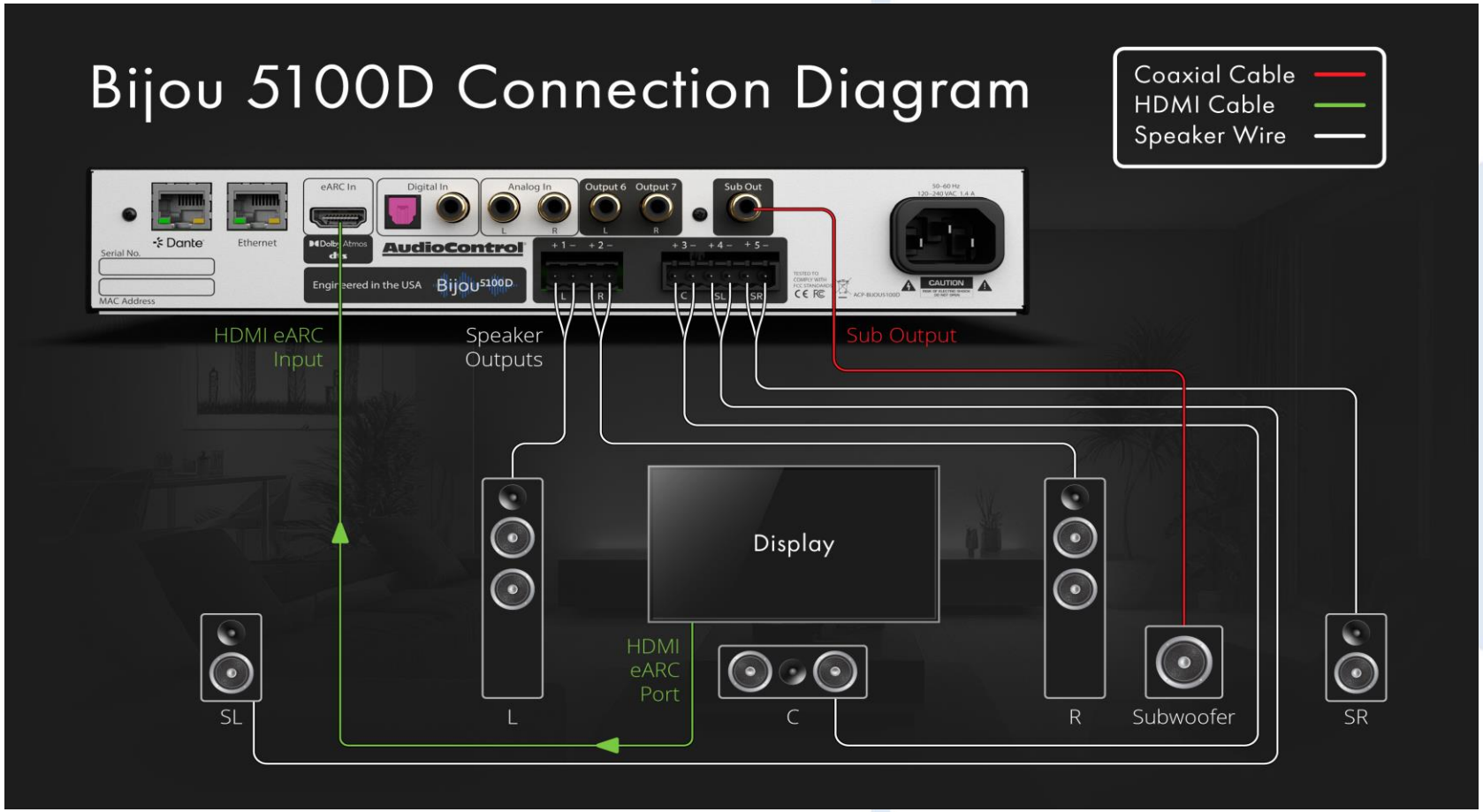
Bijou 5100D

Dante®

Outputs

- 5 amplified output channels
- 2 line level unbalanced outputs – assignable
- Subwoofer line output
- Dante – 2 x channels
  - Downmix of multi-channel eArc signal





The Perfect Choice for compact Home Theater surround sound in:

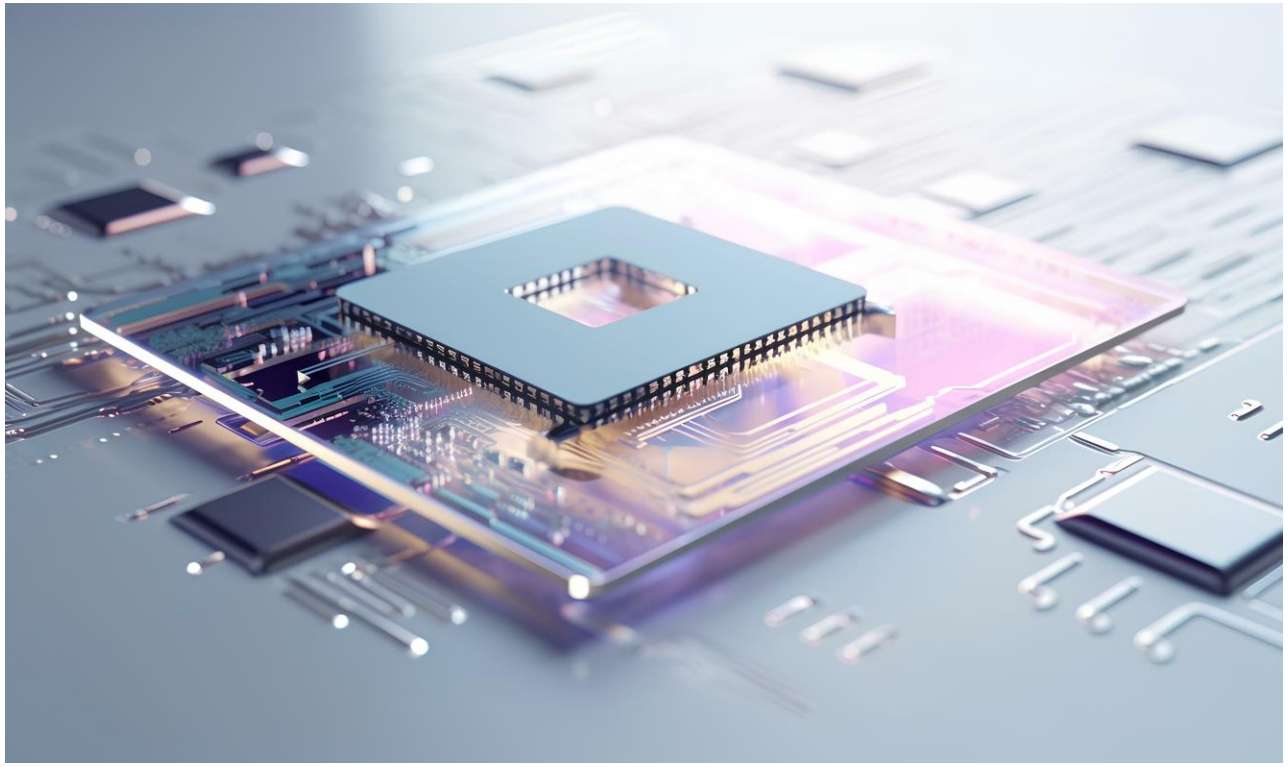
- Bedroom
- Living Room
- Family Room
- Patio
- Kitchen
- Garage

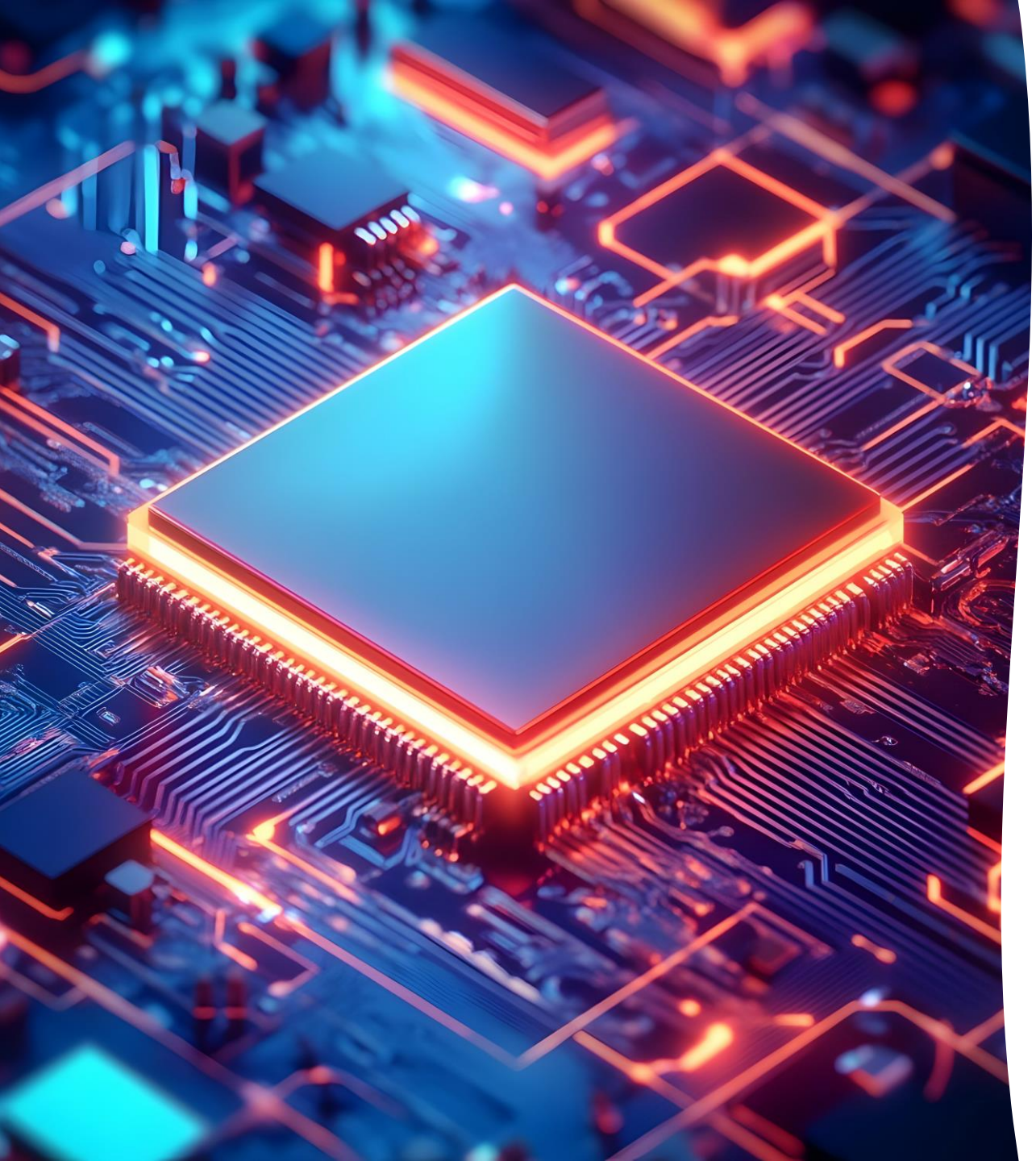
Dante can work as one part of a larger audio network and share sources with other Dante devices.

GaN Power Output

We are using GaN Power Amplification, the next step in semiconductor technology:

- 2100/3100 – 100w @ 8 ohms, 200 w @ 4 ohms
- 5100D – 65w @ 8 ohms, 130 @ 4 ohms
- All Channels Driven





Why GaN?

- More than 100 times the efficiency of Silicon transistors
- Cool running and high efficiency contribute to device stability and longevity
- Reliably operates at higher voltages and temperatures
- GaN switches exponentially faster
- The increased speed enables the GaN transistor to more accurately reproduce the waveform
- Resulting in Higher fidelity!

Features

- eARC – Higher bandwidth, uncompressed audio (1 Mbps to 38 Mbps)
  - Decodes Dolby Atmos and DTS
  - Can control the Bijou from the native TV remote via CEC
  - Backward compatible with ARC if connecting to an older display



5100D Dante Capability

- Dante 2x2 chipset
- Accepts Stereo input from Dante network
- Outputs stereo source via Dante network
- Downmixes multi-ch sources from eArc and sends out a stereo downmix
- Dante can NOT be used for surround channels
  - i.e. Sending surround backs via Dante to an amp on the other
  - side of the room
- Can take any source from Bijou and route via Dante to any other
- AC Dante amp
  - Example
    - Bijou sends audio from cable box via Dante to CM dante amp
    - powering outdoor speakers

Signal Sense switching

- Can assign priority switching to either analog or digital input
- Use case:
  - Sonos port connected to the digital input
  - Bijou defaults to eArc input
  - The customer turns on Streaming via the Sonos app
  - Bijou automatically switches to digital input as soon as music starts playing
  - When the music stops, Bijou automatically switches back to eArc input
  - You can also set up the digital or analog input to accept variable signal
    - Thus allowing the volume to be controlled by the source, not the Bijou

Applications Review

- The primary source is eArc input from the TV
  - All video sources connected to the TV, plus any TV apps
  - CEC control enables control via the native TV remote
    - There is no need to program a universal remote or implement a control system
  - Suboutput to a powered subwoofer or to separate amp to power in wall passive sub
  - 2100 – powering two in-wall speakers, bookshelf speakers, towers
  - 3100 – 3 channel soundbar, Left/Center/Right speakers



Thank You

Orders: Orderdesk@audiocontrolpro.com
Tech Support: support@audiocontrolpro.com or support@avproglobal.com