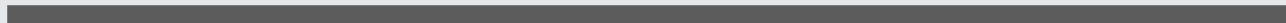
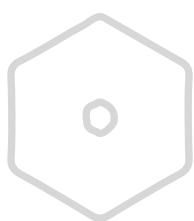


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**AudioControl**<sup>®</sup>

**Bijou 5100D/3100/2100  
Input Switching Logic  
Reference Guide**



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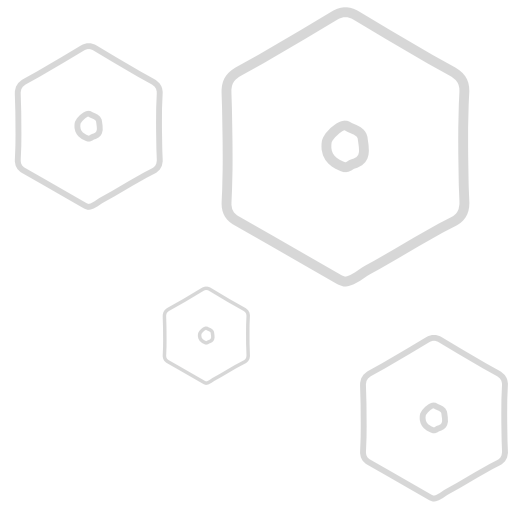
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# Bijou Series Overview

The Bijou series is capable of automatically switching between its audio inputs based on which sources are active. Understanding this behavior is key to setting up the unit correctly and explaining it confidently to customers.



The unit has four inputs:

- eARC (HDMI - typically used for a TV or display)
- Digital (Optical TOSLINK or Coax S/PDIF - streaming devices, set-top boxes, etc.)
- Analog (Stereo RCA - CD players, turntables, legacy sources)
- Dante (Network audio - professional / commercial AV systems)
  - Please note, Dante inputs are only available on the 5100D model

Two independent features govern automatic input switching:

- Signal Sense - wakes the Bijou from standby when a source starts playing.
- Priority Input - tells the Bijou which input should take over when it becomes active while the unit is already on

eARC has its own built-in auto-switch behavior that always takes precedence, driven by the CEC handshake with the TV.

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# The Two Key Settings

## 2.1 Signal Sense

Signal Sense is a per-input toggle found in the Input Setup page of the Web GUI (available for Digital, Analog, and Dante inputs - not eARC).

<b>Signal Sense</b>	<p>When enabled, the Bijou monitors this input for an audio signal while the unit is in standby. As soon as a signal is detected, the unit powers on and switches to that input automatically.</p> <p><i>Note: Signal Sense is about waking the unit up. It does not control what happens between inputs when the unit is already on.</i></p>
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Practical example: A Sonos player is connected to the Digital input with Signal Sense ON. The Bijou is in standby. When the customer presses Play on Sonos, the Bijou wakes up and switches straight to the Digital input - no remote needed.



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# The Two Key Settings (cont.)

## 2.2 Priority Input

Priority Input is a global setting at the top of the Input Setup page. It is a single dropdown that lets you designate one input (Digital, Analog, or Dante) as the priority source.

<b>Priority Sense</b>	<p>When the Bijou is already on and playing audio from any input, and a signal appears on the Priority Input, the unit will automatically switch to the Priority Input. When that signal disappears (e.g. music is paused), the unit switches back to the previously active input after approximately 10 seconds.</p> <p><i>Note: Priority Input is about switching between active sources. It requires the unit to already be powered on.</i></p>
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Practical example: The Digital input is set as Priority Input. The customer is watching TV via eARC. They press Play on Sonos (Digital). The Bijou auto-switches to the Digital input immediately. When they pause Sonos, the Bijou switches back to eARC after ~10 seconds.



---

# The Two Key Settings (cont.)



## 2.3 eARC – Always the Master

The eARC input behaves differently from all other inputs. Because it communicates directly with the TV via HDMI CEC, the Bijou responds automatically whenever the TV begins outputting audio:

- When the TV turns on and outputs audio, the Bijou powers on (if in standby) and switches to eARC - regardless of what other inputs are doing.
- When the TV is on and eARC is active, eARC always takes precedence over the Priority Input setting.
- There is no Signal Sense toggle for eARC - the CEC/eARC protocol handles wake-up natively.

In effect: eARC > Priority Input > Signal Sense, in terms of hierarchy.

---

# If This, Then That

## Scenario Guide

The following scenarios are based on a common installation setup: TV connected via eARC, and a streaming source (e.g. Sonos) connected to the Digital input with both Signal Sense and Priority Input enabled.

<b>SCENARIO A</b>		<b>Unit is in standby. Customer turns the TV on.</b>
<b>IF THIS...</b>		<b>THEN THAT.</b>
TV is turned on and outputs audio via eARC		Bijou powers on automatically and switches to the eARC input.
TV is turned off again		Bijou returns to standby after the Power Off Timer elapses (configurable in System Settings)

<b>SCENARIO B</b>		<b>Unit is on. TV is playing via eARC. Customer starts music on Sonos (Digital, Priority enabled).</b>
<b>IF THIS...</b>		<b>THEN THAT.</b>
Customer presses Play on Sonos		Bijou detects signal on the Priority Input (Digital) and auto-switches to Sonos
Customer pauses Sonos		After ~10 seconds with no signal on the Digital input, Bijou switches back to eARC automatically.
Customer unpauses Sonos		Bijou switches back to Digital (Priority Input) as soon as signal reappears.

<b>SCENARIO C</b>		<b>Unit is in standby. The TV is off. Customer starts music on Sonos (Signal Sense + Priority enabled)</b>
<b>IF THIS...</b>		<b>THEN THAT.</b>
Customer presses Play on Sonos		Signal Sense detects audio on the Digital input. Bijou powers on and switches to Digital.
While Sonos is playing, customer turns the TV on		eARC becomes active. Bijou immediately overrides and switches to eARC – the TV always wins.
Customer wants to get back to Sonos while TV is still on		Stop Sonos completely, then press Play again. The new signal on the Priority Input (Digital) triggers the auto-switch routine and Bijou switches back to Sonos.
Customer turns the TV off to listen to Sonos uninterrupted		With eARC gone, Bijou follows the priority Input. As long as Sonos is playing, Bijou stays on Digital.

# If This, Then That

## Scenario Guide (cont.)

SCENARIO D	Two non-eARC inputs both have Signal Sense enabled (e.g. Digital and Analog)	
IF THIS...	THEN THAT.	
Unit is in standby. Customer presses Play on Analog source	Signal Sense wakes the Bijou and switches to Analog.	
While Analog is playing, customer presses Play on Digital (Priority Input).	Because Digital is the Priority Input, Bijou auto-switches to Digital.	
While Analog is playing, customer presses Play on Digital (NO Priority Input set).	Nothing happens automatically. Bijou stays Analog. Customer must switch manually.	
Unit is in standby. Both sources start playing simultaneously.	The first signal detected wakes the unit. Priority Input then governs which input is selected if both are active.	

SCENARIO E	No Priority Input is set. Unit is on and playing Digital.	
IF THIS...	THEN THAT.	
Signal appears on the Analog input	Nothing happens automatically. Bijou stays on Digital. Manual switch required	
Signal disappears from the Digital input	Bijou stays on Digital (silent). It does not auto-switch to Analog.	
Customer switches manually to Analog via remote or Web GUI	Bijou switches to Analog. It will stay there until manually changed or until another auto-trigger occurs.	

# Quick Reference Rules



Keep these rules in mind when explaining the Bijou to a customer or configuring an installation:

1	eARC always wins. When the TV outputs audio via eARC, the Bijou will switch to it regardless of what else is playing.
2	Signal Sense is about waking up. It only matters when the unit is in standby. It is not a priority system.
3	Priority Input is about switching while on. It only activates when the Bijou is already powered on and another source is active.
4	Only one Priority Input can be set at a time. You choose one input from the dropdown – not multiple.
5	Pausing a priority source = returning to the previous input after ~10 seconds. Pressing Play again = switching back.
6	To get back to a priority source that was overridden by eARC: stop and restart the source. A fresh signal re-triggers the auto-switch.
7	If no Priority Input is set, there is no automatic switching between the non-eARC inputs. All switching must be manual.

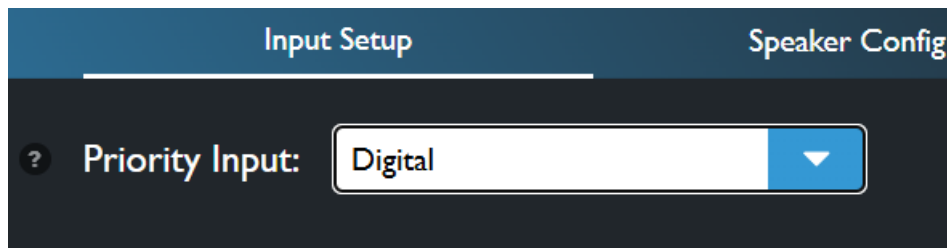
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# How to Configure in the Web GUI

Access the Bijou device Web GUI by entering the unit's IP address into a browser on the same network. The IP address is shown on the front panel display when the unit powers on.

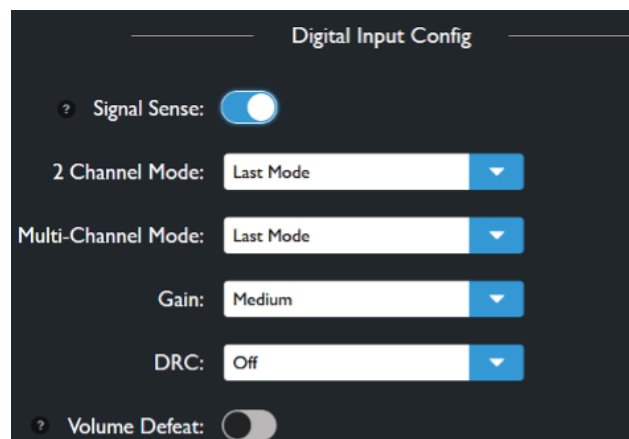
## Setting Priority Input

- Navigate to the Input Setup tab.
- At the top of the page, find the Priority Input dropdown.
- Select the input you want to act as the priority source (Digital, Analog or Dante).
- Leave it set to None if no automatic switching between non-eARC inputs is required



## Enabling Signal Sense

- Navigate to the Input Setup tab.
- Scroll down to the config section for the relevant input (Digital, Analog, or Dante).
- Toggle Signal Sense ON for any input that should be able to wake the unit from standby.
- Signal Sense can be enabled on multiple inputs simultaneously.



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# Recommended Setup: TV + Streaming Source

For the most common scenario (TV on eARC, streaming player on Digital):

Setting	Value	Why
Priority Input	Digital	Streaming player auto-switches the Bijou when music starts, even if TV is active
Digital Signal Sense	ON	Streaming player wakes the Bijou from standby when music starts



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Thank  
You!



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