



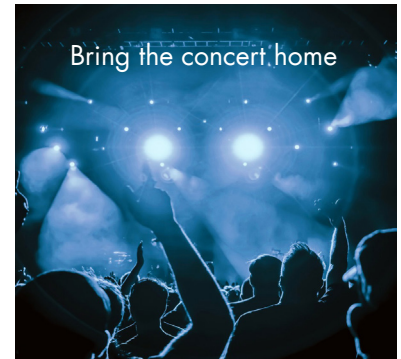
FRONT-END EQUIPMENT FOR ARCHIPEL SOUND SYSTEMS FEATURE OVERVIEW

WHY A FRONT-END SOLUTION ?

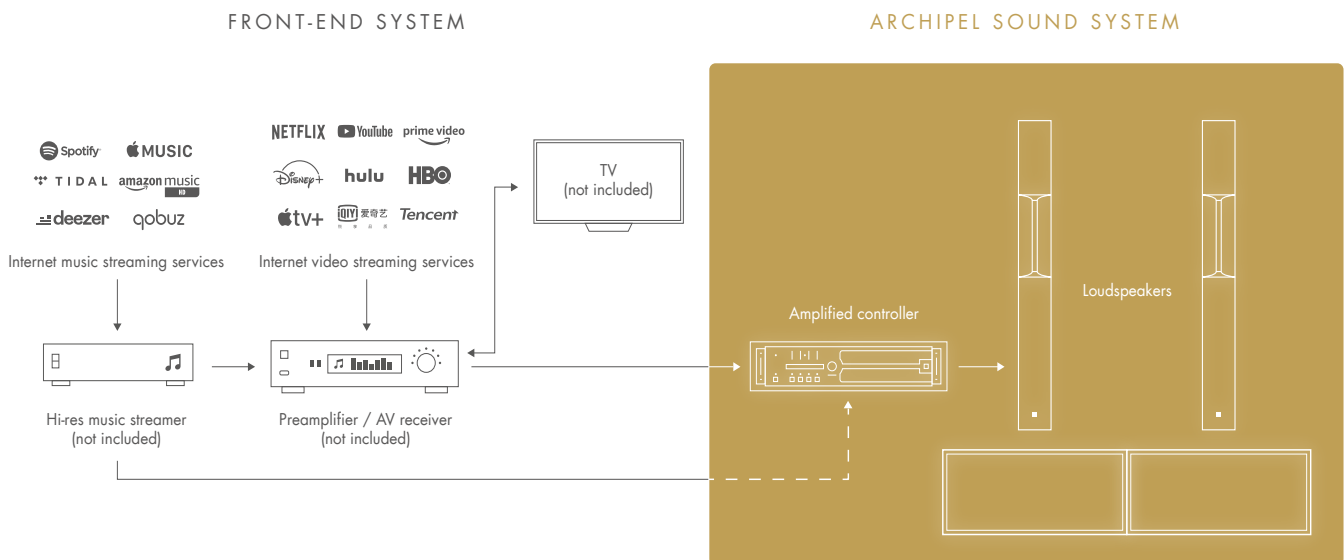
The Archipel sound systems have been developed to bring the concert experience home. Each system includes an amplified controller with integrated signal processing, a set of signal and loudspeaker cables, the loudspeakers and the accessories for integration.

We distinguish two main types of application for Archipel sound systems: Hi-res music reproduction and AV material reproduction. Each application requires a front-end product to deliver content: a Hi-res music streamer for music or an AV receiver for audio-video material.

The Archipel sound systems can be integrated into an existing installation and solely require an analog or preferably a digital source signal via an XLR connector only. For new installations, it is recommended to complement an Archipel sound system with a premium front-end solution.



L-Acoustics has conducted a series of tests to validate front-end solutions compatible with Archipel sound systems. L-Acoustics does not provide, sell or rent any front-end equipment. This document offers recommendations for front-end solutions best suited to your application.



WHAT FRONT-END SOLUTION ?

Minimum requirements

All proposed solutions have been carefully selected for the quality of their components and the absence of audio degradation at any stage. The selection was also based on important minimum requirements that devices needed to fulfill such as Hi-res streaming capability, input and output format, upmix ability, output volume control and compatibility with popular cinema surround formats.





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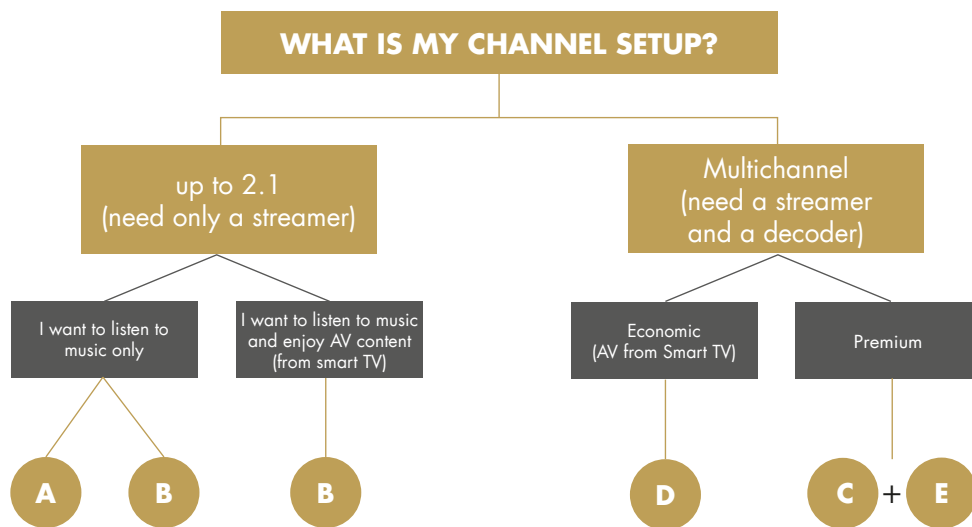
Considerations

The choice of a front-end system is dictated by various considerations:

- Number and format of sources (inputs) to be controlled and managed
- Decoding and upmixing capabilities (Dolby Digital or Atmos, DTS:X ...)
- Output channels configuration (2.1, 5.1, 7.1.4, ...)
- Main use: music, home-theater or both
- Additional functionalities (HDMI eARC, Multiroom flexibility, ...)
- Existing equipment

Decision tree

The following decision tree is a straightforward tool to help choosing the best front-end solution for your needs:
(If your decision is not clear or doesn't fit the scope of this document please request further info from your Integration partner)



A	Audio streamer (up to 2.1)	Sonos Port	Link
B	Audio streamer (up to 2.1 with eArc)	Bluesound Node	Link
C	Audio/Video streamer (Dolby Atmos compatible)	Apple TV NVIDIA Shield	Link Link
D	AV receiver (up to 11 ch, High-res BluOS enabled)	NAD T778	Link
E	AV receiver (up to 24 ch) AV receiver (up to 32 ch)	Storm Audio ISP MK3 Trinnov Altitude 32	Link Link