



CREATIONS

# ARCHIPEL SOUND SYSTEM FIJI 2.1

Specification sheet



1.3 m  
Reference Listening Position

6 m<sup>2</sup>  
Sweet Spot

20 m<sup>2</sup>  
Concert Level Area (up to)

2.1  
Audio Format

> 117 dB  
Peak Sound Level

2,400 W  
Output Power

Fiji 2.1 is a versatile and compact, yet powerful sound system designed for intimate residential and working spaces. The components of Fiji are typically deployed by audio professionals for musical theater applications or in upscale hospitality venues. Our design team has assembled these very same building blocks into a residential package to bring you concert-grade sound at home. With Fiji 2.1, you will experience the realism and physical sensation of a live concert: sound pressure and powerful dynamics delivered with laser-like precision.

## APPLICATIONS



Fiji 2.1 will perform best as a wall-mounted system paired with a screen, a bookshelf system, a headphones-free music listening lounge, or a premium desktop sound reinforcement system for computer-based media and gaming. Connect your playback devices seamlessly to Fiji 2.1 and enjoy your preferred audio and audiovisual content.

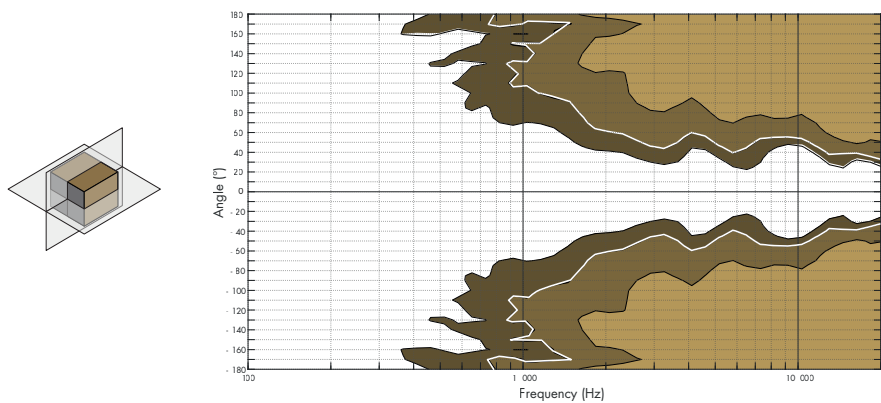
GENERAL SPECIFICATIONS

Audio system performance

Peak sound level	> 117 dB	Peak SPL unweighted at sweet spot using pink noise with 12 dB crest factor
Frequency bandwidth	20 Hz - 20 kHz	Range of frequencies within 10 dB of HF plateau, calibrated by factory preset
Frequency contour	+15 dB @ 40 Hz	Flat above pivot point and +5 dB/octave slope below, according to L-Acoustics sonic signature
Output power	2,400 W	RMS power delivered by LA2Xi via 4 channels of amplification

Technology

Loudspeaker technology	Concentric Driver Technology	Coaxial transducer designed for short throw applications
Loudspeaker transducer	4" LF + 1.4" HF	HF diaphragm compression driver mounted on neodymium LF transducer
Loudspeaker directivity	110° axisymmetric	At -6 dB from on-axis response, averaged over 1 - 10 kHz range
Subwoofer technology	Laminar vented enclosure	L-Acoustics low-turbulence progressive vent design
Subwoofer transducer	1 x 10"	Ultra-compact high-power transducer

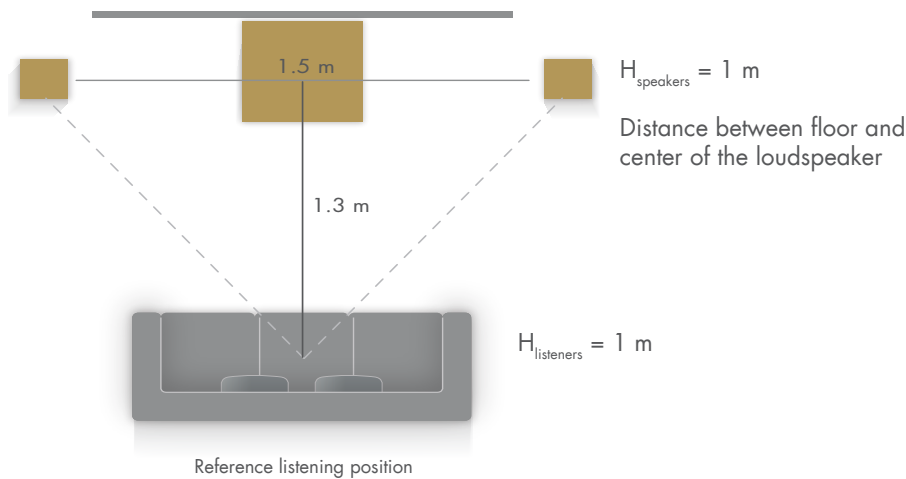


Loudspeaker directivity in vertical and horizontal planes using lines of equal sound pressure at -3 dB, -6 dB, -12 dB.

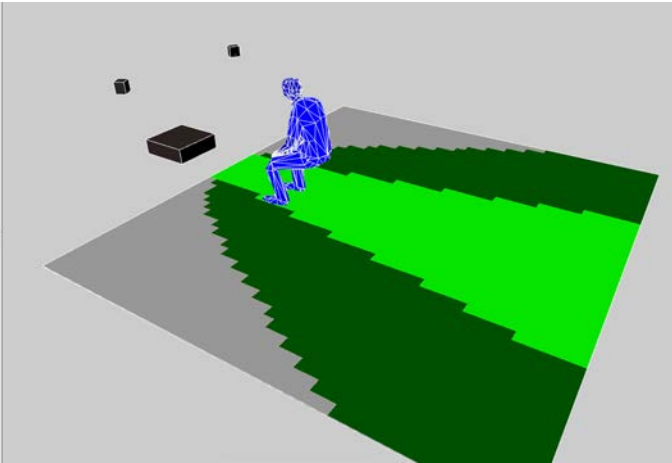
Listening space

Reference listening position	1.3 m	Equivalent to the mixing engineer position with full, concert-like dynamics and capable of SPL levels of more than 105 dB SPL A weighted <sup>1</sup>
Sweet spot	6 m²	Area of spatialization and full stereophony equivalent to the mixing area at a concert
Concert level area (up to)	20 m²	Area defined by the system coverage in which nominal SPL can exceed 90 dB SPL A-weighted

<sup>1</sup> Beware of sound levels. Loudspeaker systems are capable of producing very high sound pressure levels which can lead to hearing damage.

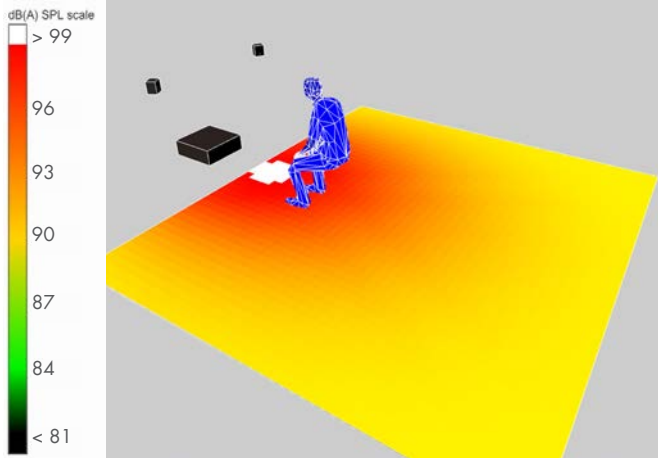


Coverage



■ Sweet spot: spatialized zone mapping modeled in L-Acoustics Soundvision software represented by the central light green area

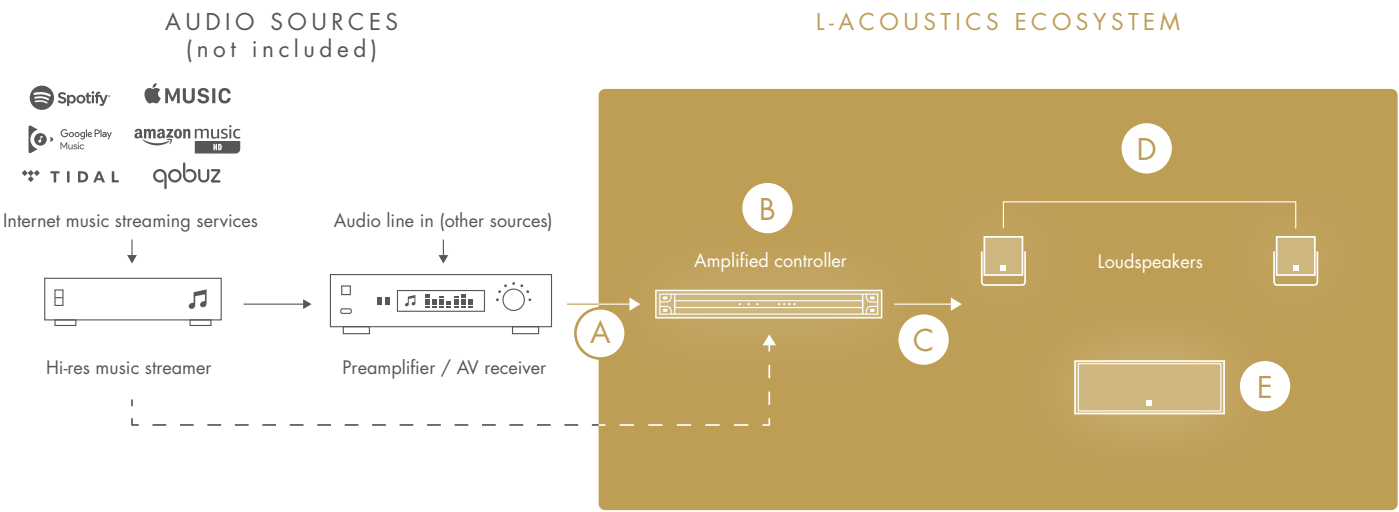
SPL (dBA)



Concert level area: SPL (Sound Pressure Level) mapping modeled in L-Acoustics Soundvision software

COMPONENTS AND SYSTEM DIAGRAM

Fiji 2.1 includes an amplified controller with integrated signal processing, loudspeakers, signal and loudspeaker cables, and accessories for integration. Audio content is delivered through a front-end system – which is not included in Fiji 2.1 – such as a hi-res music streamer or an AV receiver. Refer to the *Recommended front-end system* document available on the L-Acoustics Creations website for the device that best suits your application.



A	Signal cables	1 × RCA-XLR2: RCA to 1 × XLRM (2 m)	1 × XLR2: XLR AES (2 m)
B	Amplification and processing	1 × LA2Xi class D four-channel amplified controller, with connector panel and case	
C	Speaker cables	1 × SP5 BTL-BE: 2 × 2.5 mm <sup>2</sup> , speakON BTL to bare ends (5 m)	1 × SP-Y5 BE: Y-split 2 × 2.5 mm <sup>2</sup> , speakON to bare ends (5 m)
D	Full range loudspeakers	2 × X4i 2-way passive coaxial loudspeakers: 4" LF + 1.4" HF diaphragm, with base plate (stands not included)	
E	Subwoofer	1 × SB10i infra low frequency subwoofer: 1 × 10" LF	

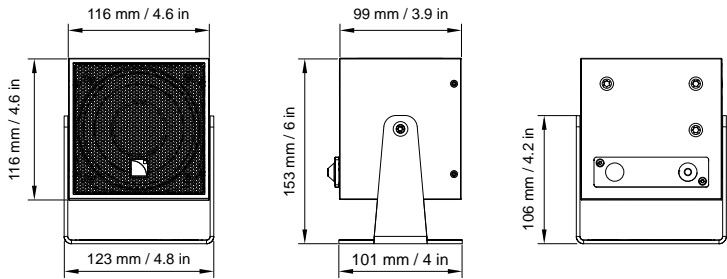
For detailed connection diagram and installation procedure, please refer to the Setup guide.

ARCHITECTURAL SPECIFICATIONS

Dimensions and weights

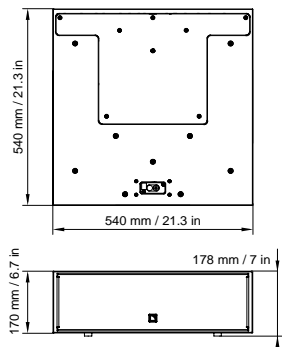
X4i

Weight (net)	1 kg / 2.2 lb
IP Rating	55



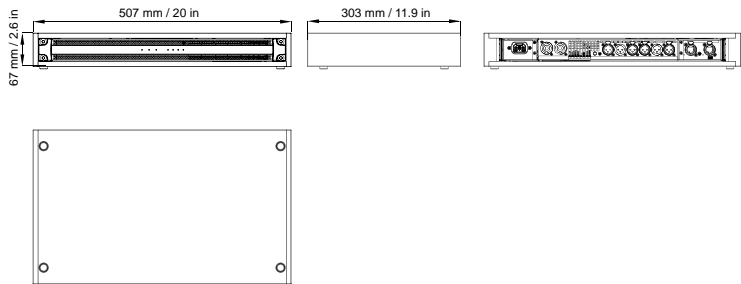
SB10i

Weight (net)	15 kg / 33 lb
IP Rating	55



LA2Xi with case

Weight (net)	7.4 kg / 16.3 lb
IP Rating	2x



FINISHES

The X4i and SB10i cabinets are made of premium grade Baltic birch plywood, protected with a bi-component hard coating for indoor and outdoor use. The loudspeakers exist in two exterior finishes: Dark Grey Brown and Pure White.



Dark Grey Brown



Pure White