



CREATIONS

ARCHIPEL SOUND SYSTEM FIJI 2.1

Specification sheet



1.3 m
Optimal Listener Position

6 m²
Sweet Spot

20 m²
Listening Area

124 dB
Maximum SPL

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 2.1 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.

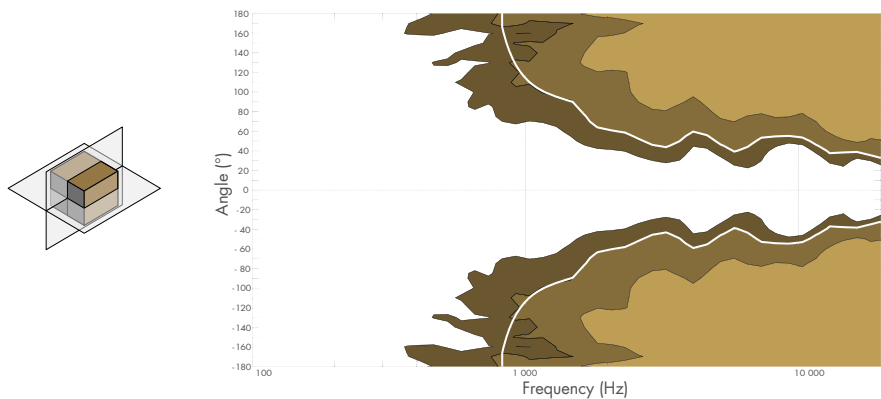
GENERAL SPECIFICATIONS

Audio system performance

Maximum SPL	124 dB	Peak SPL at 1 m 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 12"	High-power transducer with extra-long excursion 40 mm peak to peak

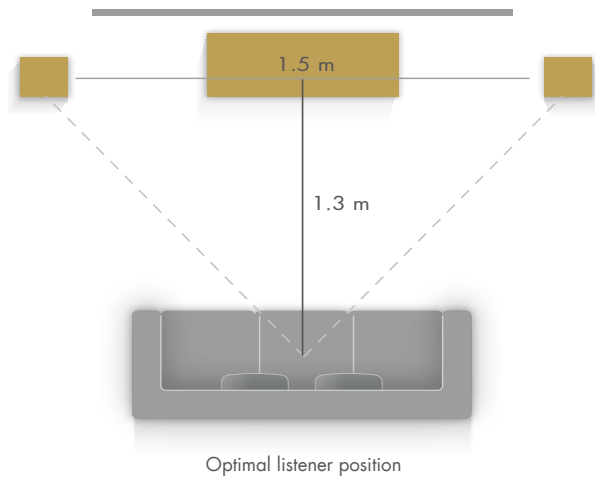


Loudspeaker directivity in vertical and horizontal planes using lines of equal sound pressure at -3 dB, -6 dB, -12 dB.

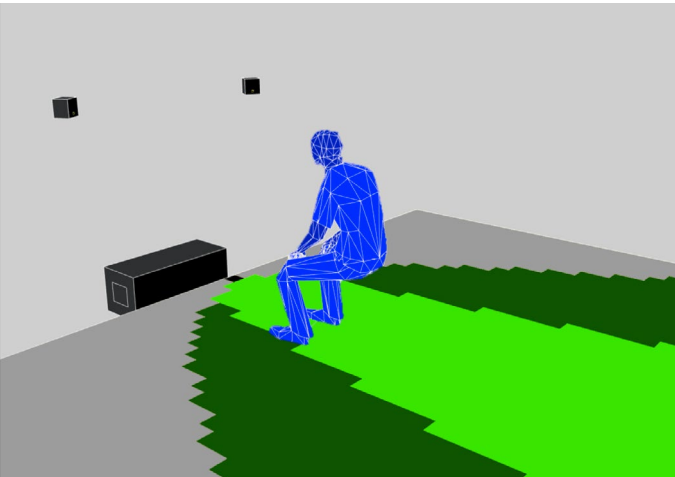
Listening space

Optimal listener 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 ¹
Sweet spot	6 m²	Area of spatialization and full stereophony equivalent to the mixing area at a concert
Listening area	20 m²	Area defined by the system coverage in which nominal SPL can exceed 90 dB SPL A-weighted

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



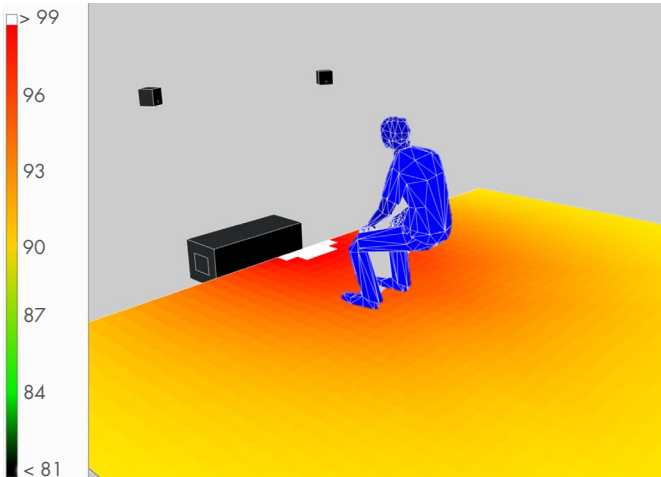
Coverage



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

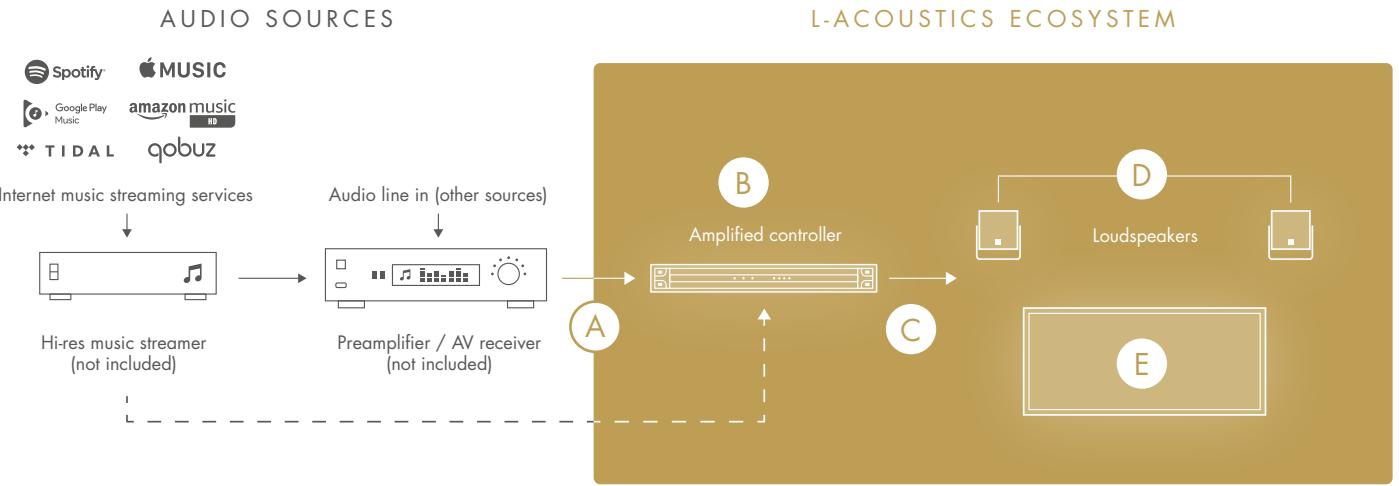
■ Sweet spot ■ Listening area

SPL (dba)



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

COMPONENTS AND SYSTEM DIAGRAM



A	Signal cables	1 × SPDIF2 XLR: SPDIF to 1 × XLRM (2 m)	1 × AES2 XLR: 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: 2 × 2.5 mm ² , NL4 connectors (5 m)	1 × SP-Y5 EPA: Y-split 2 × 2.5 mm ² , NL4 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	
E	Subwoofer	1 × Syva Sub infra low frequency subwoofer: 1 × 12" LF	

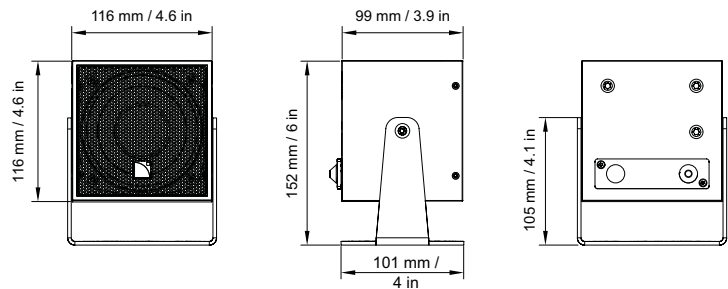
For detailed connection diagram and installation procedure, please refer to the Setup guide.

ARCHITECTURAL SPECIFICATIONS

Dimensions and weights

X4i

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



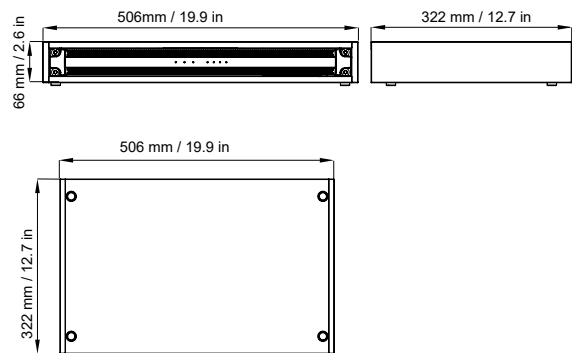
Syva Sub

Weight (net)	27 kg / 60 lb
IP Rating	55



LA2Xi with case

Weight (net)	6.4 kg / 14.1 lb
IP Rating	2x



FINISHES

The X4i and Syva Sub 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