

**XSCACE**

SIZE DEFYING SOUND

INSTALLATION MANUAL

# Xylem 4

*4-Channel DSP Amplifier*

**XSCACE**

SKU XAM-DSP-XLM4 · Xylem Series

READ ALL INSTRUCTIONS  
BEFORE INSTALLATION

02

## WHAT'S IN THE BOX

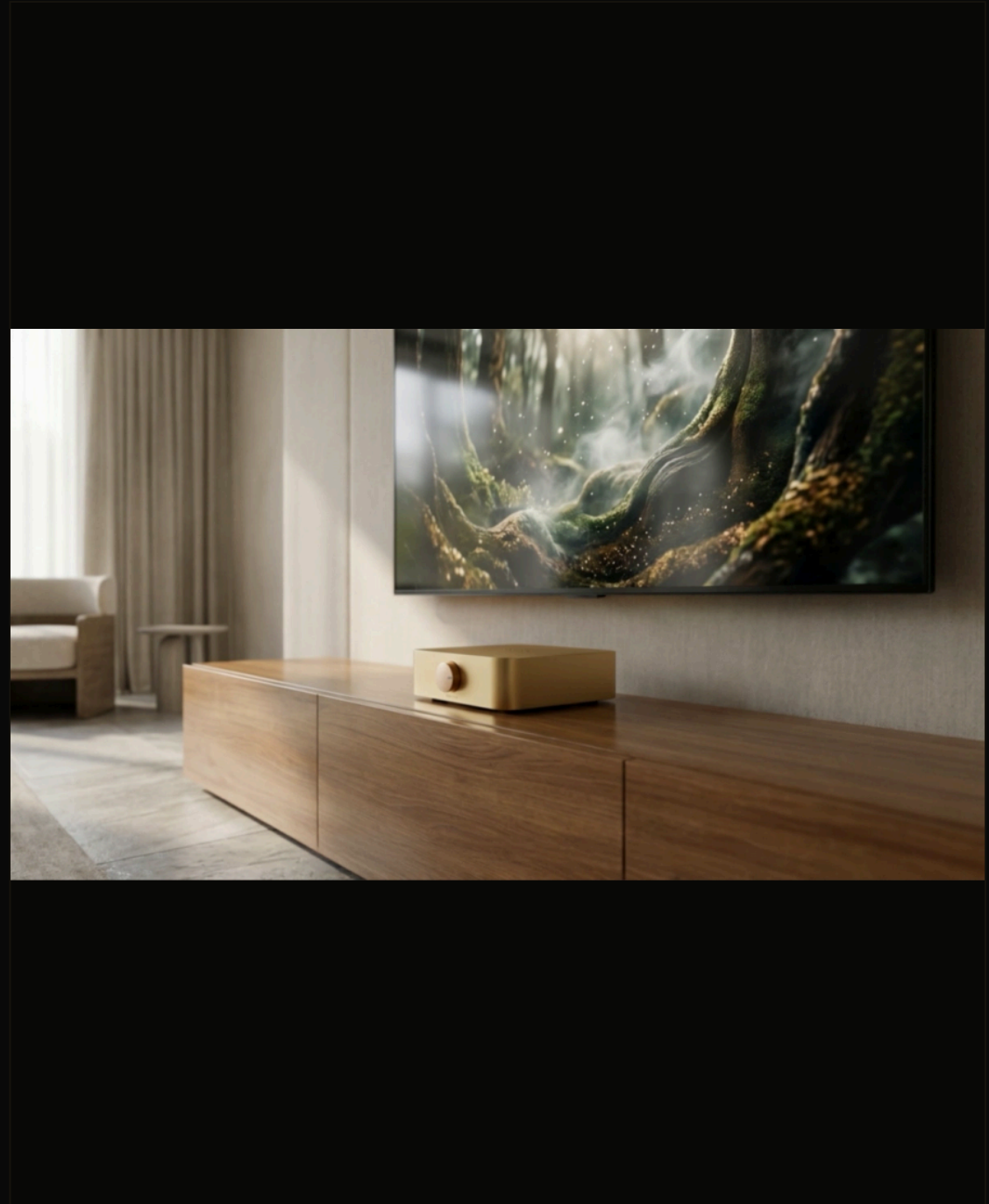
- Amplifier unit
- Power cable
- Wire connectors

## TOOLS REQUIRED

- |                         |                                |
|-------------------------|--------------------------------|
| — Pencil / marker       | — Spirit level                 |
| — Tape measure          | — Cable stripper / cutters     |
| — XLR cables            | — Speakon / speaker wire       |
| — Laptop (DSP software) | — Rack screws if rack mounting |

## BEFORE YOU BEGIN

Always isolate power before making electrical connections. Ensure all wall fixings are rated for the combined weight of the speaker and accessories. If in doubt about wall or ceiling construction, engage a structural professional before cutting or drilling. XSCACE accepts no responsibility for damage resulting from incorrect installation.

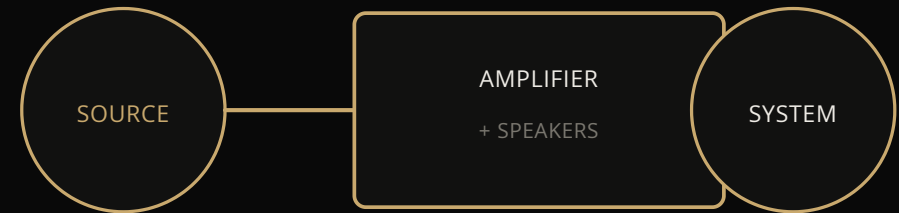


Weight: 1.7 kg · 482.9 × 43.9 × 324.9 mm · Powered

## PLACEMENT

# Finding your ideal sound stage.

- Place near the main system rack with easy access to power and signal connections.
- Ensure adequate ventilation — do not enclose without airflow.
- Keep signal cables away from power cables to minimise interference.



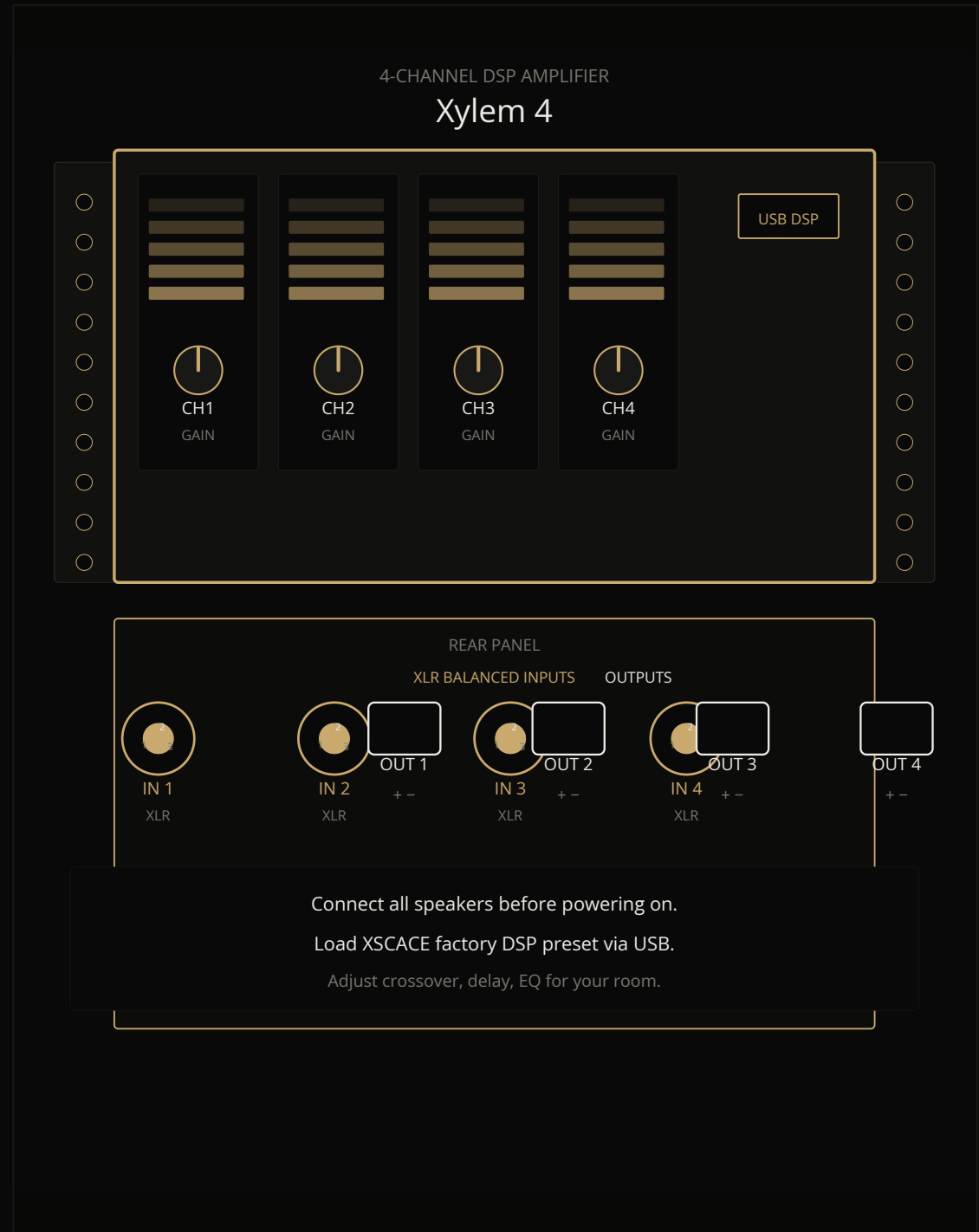
SYSTEM CONNECTION OVERVIEW

Sub placement: corner positions reinforce bass. "Sub crawl" technique: place sub at MLP, walk the room until bass sounds most even — that is the ideal position.

## INSTALLATION STEPS

# How to install your Xylem 4.

- 1 **Rack mounting:** the Xylem 4 is 1U rack-mountable. Slide into a 19-inch rack and secure with rack screws. Allow at least 1U clearance above for airflow.
- 2 **Connect inputs:** run XLR balanced cables from your source into the amplifier XLR inputs. CH1/CH2 = L/R main speakers; CH3/CH4 = additional channels or subwoofers.
- 3 **Connect power:** plug IEC cable into the amplifier rear and into a grounded outlet. Do not power on until all speaker connections are complete.
- 4 **DSP configuration:** connect a laptop via front USB. Open SigmaStudio (by Analog Devices). Load the XSCACE factory preset for your speaker model.
- 5 **Power on.** Start at low volume and verify all channels before raising levels.



## SAFETY

Isolate power before electrical connections. Ensure all fixings are adequate for the system weight. When in doubt, consult a structural professional. XSCACE accepts no responsibility for incorrect installation.

## CONNECTING TO YOUR SYSTEM

# Signal & power connections.

Inputs	Line In, High Level Speaker Input
Outputs	Line Out, DSP Port (optional), High Level Speaker Output, 5V Output
Speaker wire	14 AWG
Load impedance	8Ω

Connect all speaker cables before powering on. Never connect or disconnect speakers while the amplifier is running.

## SYSTEM DESIGN &amp; WIRING

For amplifier selection, subwoofer integration, multi-room layout, and interactive wiring diagrams — open the XSCACE Configurator:

## XSCACE Configurator



Scan with your phone camera. Select your products, receive a wiring diagram and bill of quantities.

[configurator.xscace.com](https://configurator.xscace.com)

## SUPPORT

[support@xscace.com](mailto:support@xscace.com)

[xscace.com](https://xscace.com)

## PRODUCT REFERENCE

SKU	XAM-DSP-XLM4
Series	Xylem Series
Impedance	8Ω
Power RMS	400W
Weight	1.7kg