

ACE

INSTALLATION MANUAL

X182A

Powered Subwoofer

XSCACE

SKU - Subwoofer Series

READ ALL INSTRUCTIONS
BEFORE INSTALLATION

WHAT'S IN THE BOX

- Subwoofer unit
- Weather cover
- XSCACE Studio interface module (externally mounted)
- AC power cable

TOOLS REQUIRED

— Pencil / marker	— Spirit level
— Tape measure	— Cable stripper / cutters
— XLR / RCA cable	— Power outlet access

BEFORE YOU BEGIN

Always isolate power before making electrical connections. Site the cabinet on a level, load-bearing surface and leave the ventilation path clear. XSCACE accepts no responsibility for damage resulting from incorrect installation.



Weight: 82 kg · 739 × 624 × 806 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.

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.



SYSTEM CONNECTION OVERVIEW

INSTALLATION STEPS

How to install your X182A.

- 1

Place the subwoofer on a solid floor. Corner placement reinforces bass; away from walls gives a flatter response.
- 2

Connect the LFE signal: run an RCA cable from your amplifier's subwoofer output (LFE out) into the subwoofer's Line In. If no sub output is available, use the amplifier's pre-out.
- 3

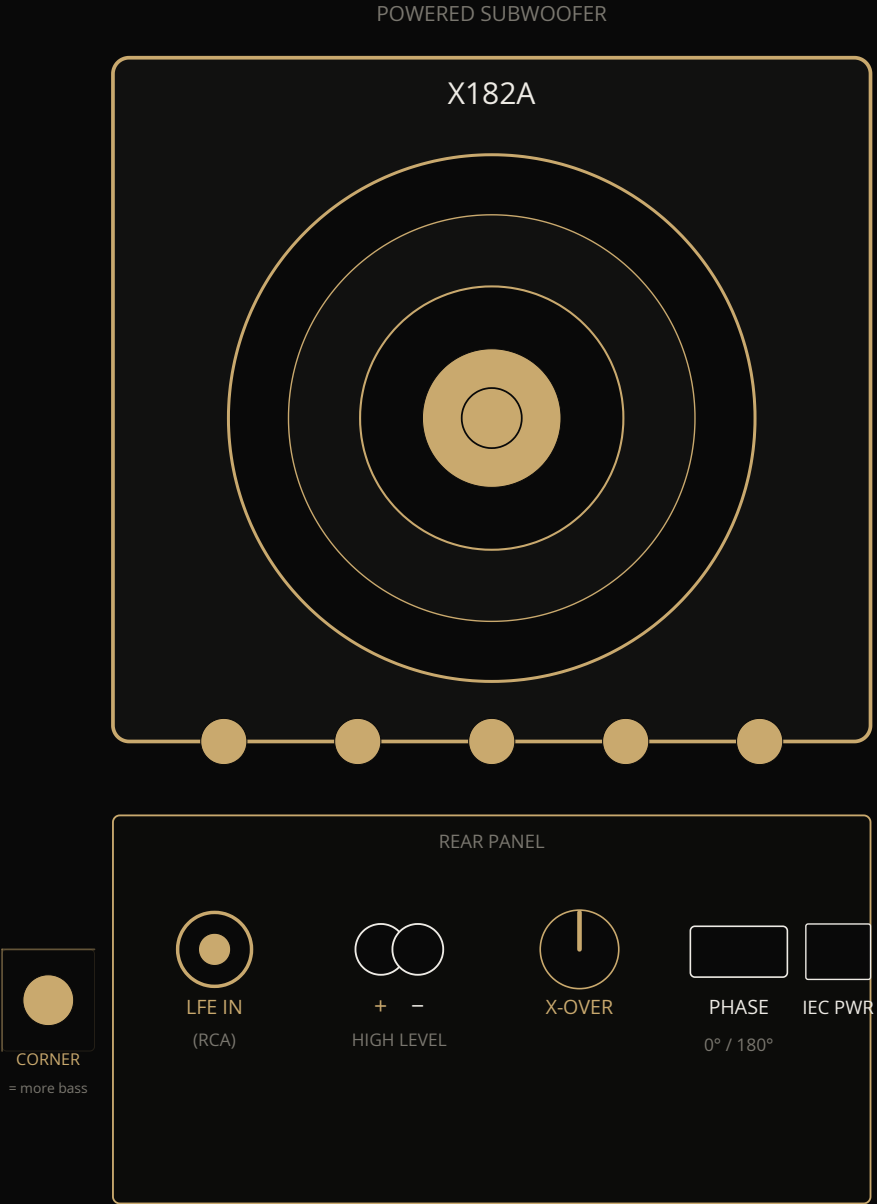
Set the input level trim on the subwoofer rear panel to match your amplifier's output level.
- 4

Connect power: plug the supplied IEC cable into the subwoofer rear and into a grounded outlet.
- 5

Set the low-pass crossover to match your main speakers. Bonsai/Cane/Ghost: 150–200Hz. Cedar/Camphor/Oak/Willow: 80–120Hz.
- 6

Set phase to 0°. If bass sounds hollow at the MLP, switch to 180°.
- 7

Power on. Adjust the volume trim until bass blends naturally with the main speakers.



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.

Signal input	RCA Line In or High Level Speaker Input
Wire gauge	12 AWG for satellite runs over 10 m, 14 AWG below
Impedance	8Ω
Crossover	200Hz low-pass
Power	IEC power cable — grounded outlet

Built-in amplifier — only LFE signal input required.

SYSTEM DESIGN & 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.

xscace.com/planner

SUPPORT

support@xscace.com
xscace.com

PRODUCT REFERENCE

Series	Subwoofer Series
Impedance	8Ω
Power RMS	600W
Weight	82kg