XROUND™

XPUMP features a patented digital signal processing algorithm called XROUND™, which identifies and analyzes an audio source in real-time, then reconstructs the sound field to add detail and aural space, to give the user the most immersive listening experience.

XPUMP SPECIFICATION

Inputs	3.5mm AUX analog audio
Output	3.5mm AUX analog audio
Processor	Dual core audio processors with clock speed of 55.3MHz
Sample Rates & Bit Depths	48KHz / 16bit
Frequency Response	20Hz-20KHz, +/-0.1dB
Maximum Output power	25mW into 32 - Ω load
THD	< 0.01%, 20Hz - 20KHz, at max output
S/N	> 85dB, unweighted
Crosstalk	- 80dB, 20 - 20kHz
Power Supply	Rechargeable battery (400mah Lithium-ion battery with UL1642 compliance)
Size	9.2 x 2.7 x 1.55 mm
Weight	35g
Accessories	Gold plated AUX audio jack (100cm) USB charging cable (100cm) XROUND sleeve bag
M.S.R.P.	$119 USD

XROUND

910% FUNDED
KICK STARTER

EMBRACE
AUDIO LAB
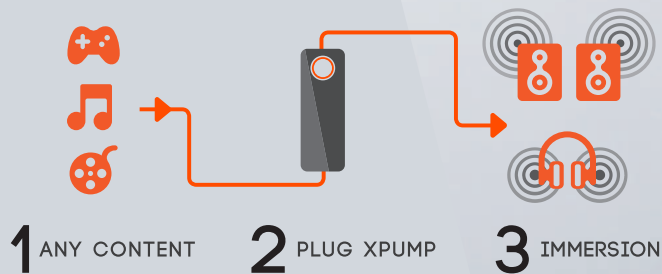
service@embracelab.com

www.xroundaudio.com

XPUMP
REDEFINE SOUND EXPERIENCE

CROWDFUNDING STATUS

Reached **KICK STARTER** funding goal in **8** hours

XPUMP was **910%** funded in **45** days

XPUMP BRINGS YOUR SPEAKERS
AND HEADPHONES ALIVE

XPUMP
XROUND
IN

1 ANY CONTENT   2 PLUG XPUMP   3 IMMERSION

XPUMP FEATURES

▪ Spherical Sound Field Expansion Technology

that expands a stereo sound field by 200 percent while enhancing signal depth, width, and detail.

SPHERICAL SOUND FIELD
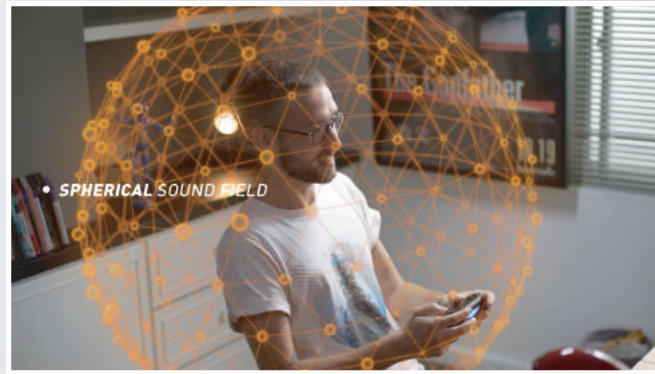
▪ Soundstage Elevation

that unlocks the richness of an audio track, giving listeners the ability to discern different instruments, voices, and sound effects.

▪ Real-Time Boosting

XPUMP processes the audio signal every microsecond.

REAL-TIME DETAIL BOOSTING

▪ Psychoacoustic Bass Enhancement

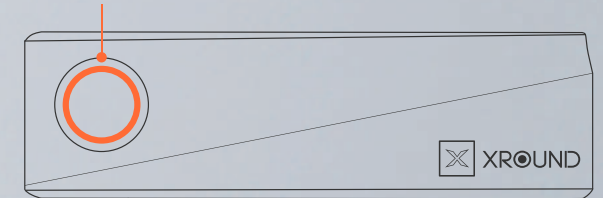increases the perception of bass frequencies.

USER MANUAL

XROUND™ effect switch

Users are free to select from level 1 & 2 to fit their own preference

Level 1   with a white light-- detail booster and good for all types of music

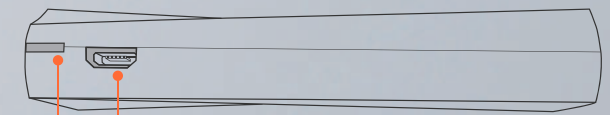Level 2   with an orange light-- full-scale enhancement designed for movies, games, and music

XROUND

Volume + (up) and – (down)   Power OFF

Speaker mode to pair with 2.0 or more speakers, soundbars and amplifiers/ audio systems

Headphone mode to pair with headphones

Micro-USB charging port

LED notification light

☐ White light : power-on

▬ Red light : battery recharging; light off when fully charged

▬ Red flashing light : low battery indicator

INPUT

IN

Connect the 3.5mm audio cable into any sound source and play the music, movies, games that you intend to enjoy

OUTPUT

OUT

3.5mm audio output to link with 2.0 or more speakers, soundbars, headphones, amplifiers, or audio systems