



EP8.8 Pro

Premium 8 Channel DSP

Built-in 7x50Wrms + 1x250Wrms
Class D amplifier

RICH MAN SERIES
EP8.8 Pro



AKM audiophile grade DSP chip

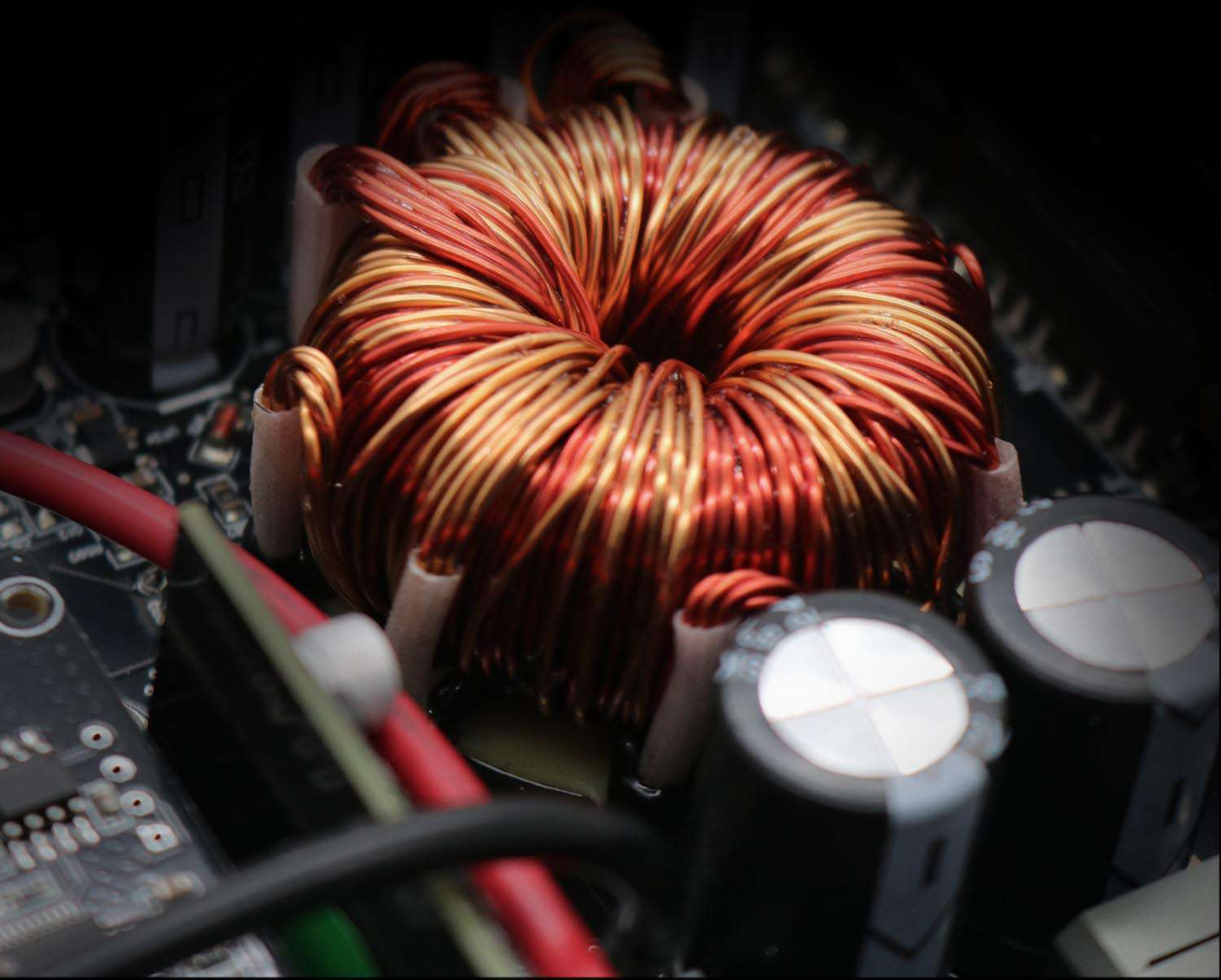
Hi Fi grade ADC/DAC



MCU control Intelligent power supply

Adaptive current output control,
extremely low standby current.

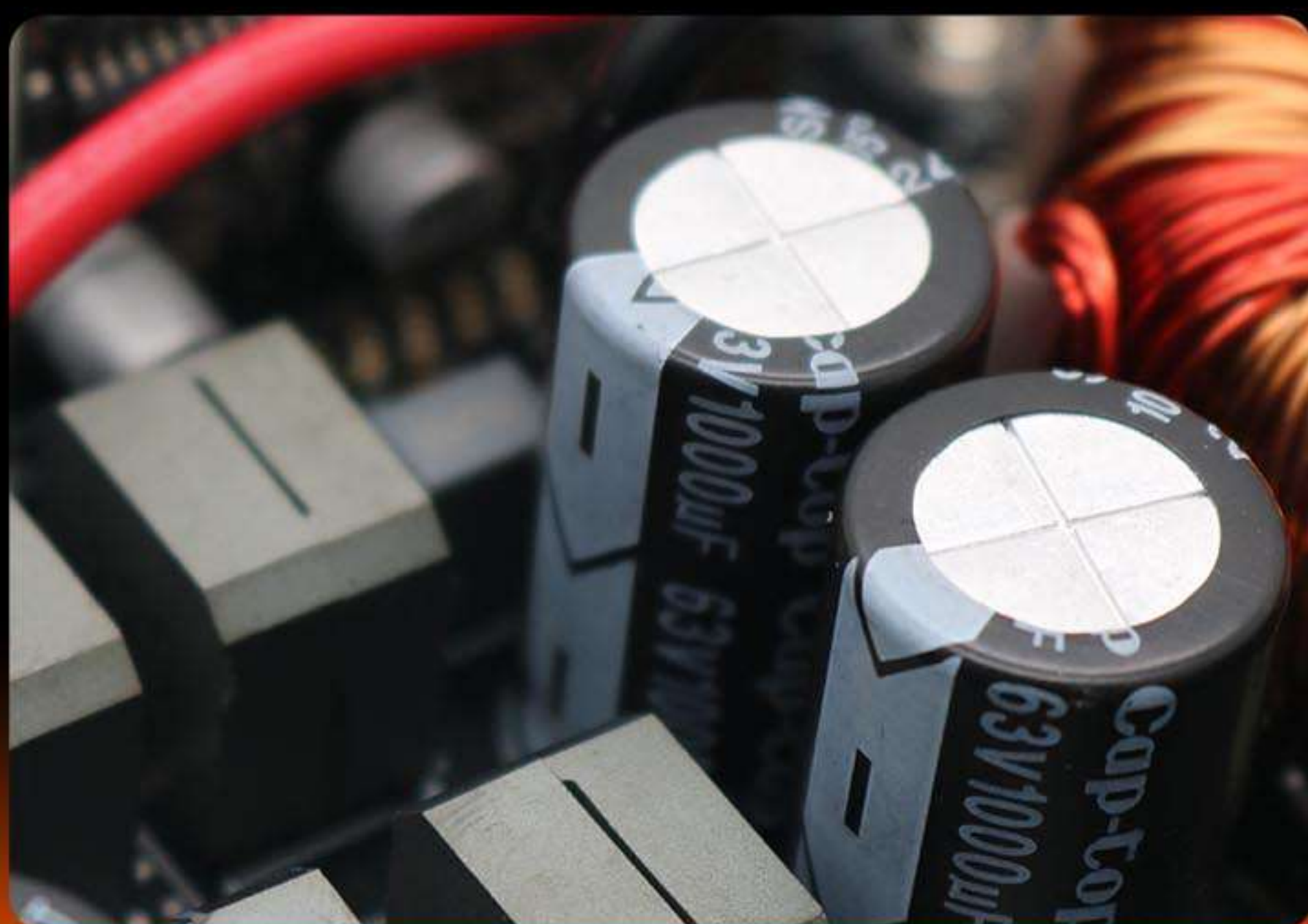
Intelligent protections to Short-circuit,
Overload, Overheat, Over-current, Over-voltage and
under-voltage.



Japanese Rubycon audio dedicated filter capacitor



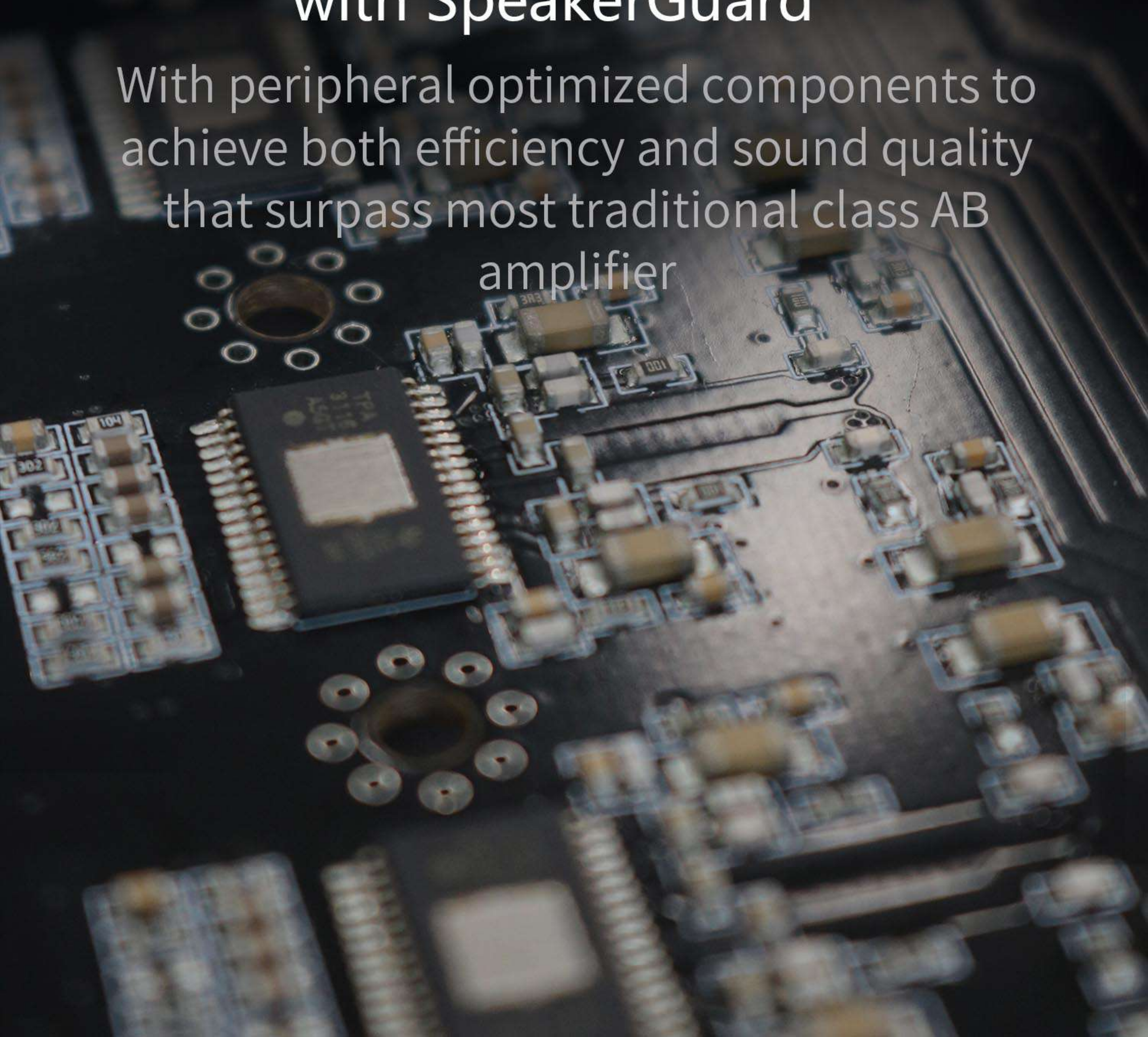
- LOW ESR
- LOW DISTORTION
- LOW TEMPERATURE DRIFT



- COMPACT SIZE
- LONG LIFESPAN
- HIGH STABILITY

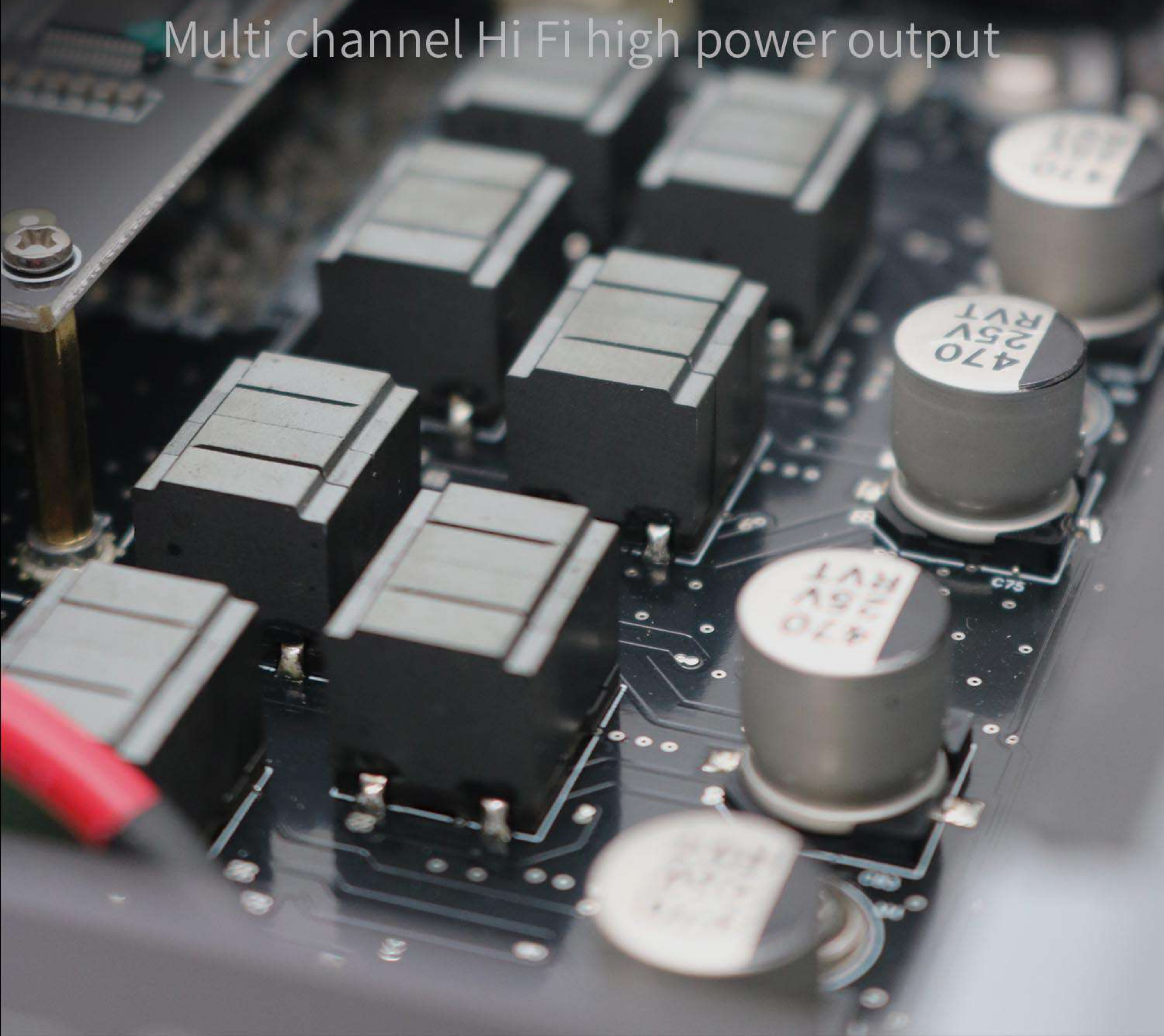
Texas Instruments High-efficiency, Audiophile-grade Class D power amplifier chip equipped with SpeakerGuard™

With peripheral optimized components to
achieve both efficiency and sound quality
that surpass most traditional class AB
amplifier



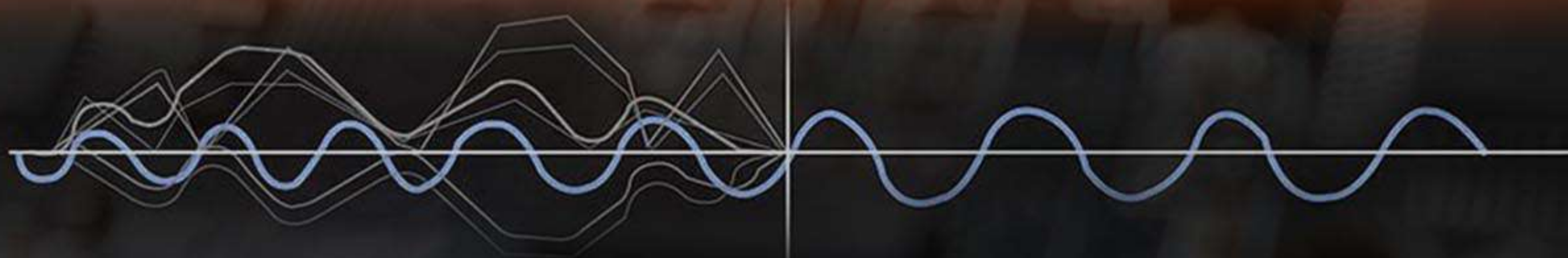
Audio-grade wide temperature range low distortion inductor

Ultra-high purity oxygen-free copper flat wire
double shielded output inductor
Multi channel Hi Fi high power output



Four-layer copper foil printed circuit board

Ultra-high signal-to-noise ratio
and less EMC interference.



BEFORE ADOPTING 4-LAYER PCB BOARD

IT WAS FILLED WITH NOISE AND ECHOES

AFTER ADOPTING 4-LAYER PCB BOARD

CLEAR SOUND CAN BE CAPTURED

RICH MAN SERIES
EP8.8 Pro



Global Hi-Fi Level Components

Big power

Large dynamics range

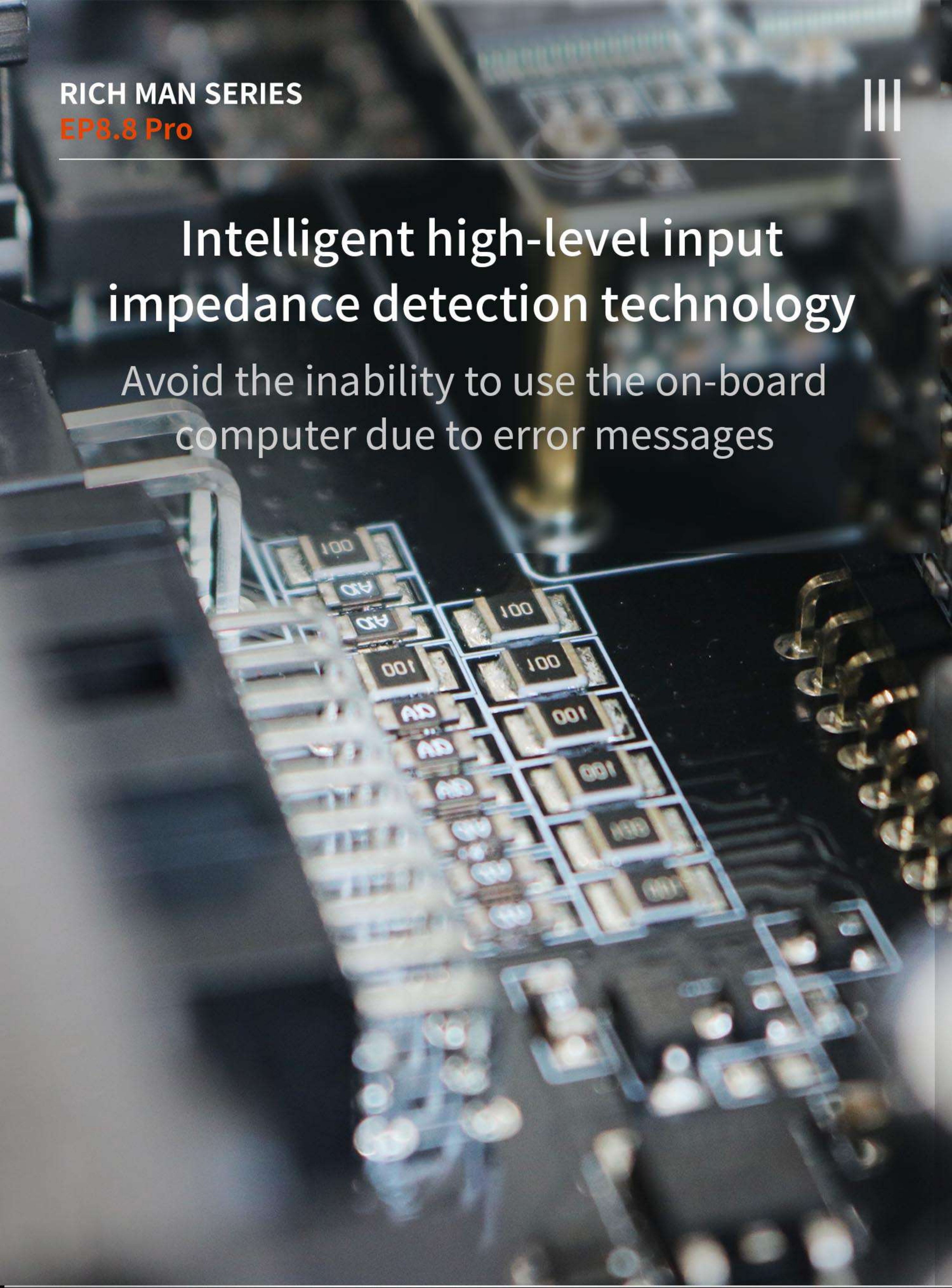
Reproduce more musical details

**20Hz-
20KHz**
Frequency
Response



Intelligent high-level input impedance detection technology

Avoid the inability to use the on-board
computer due to error messages



Main / auxiliary sound source intelligent mixing

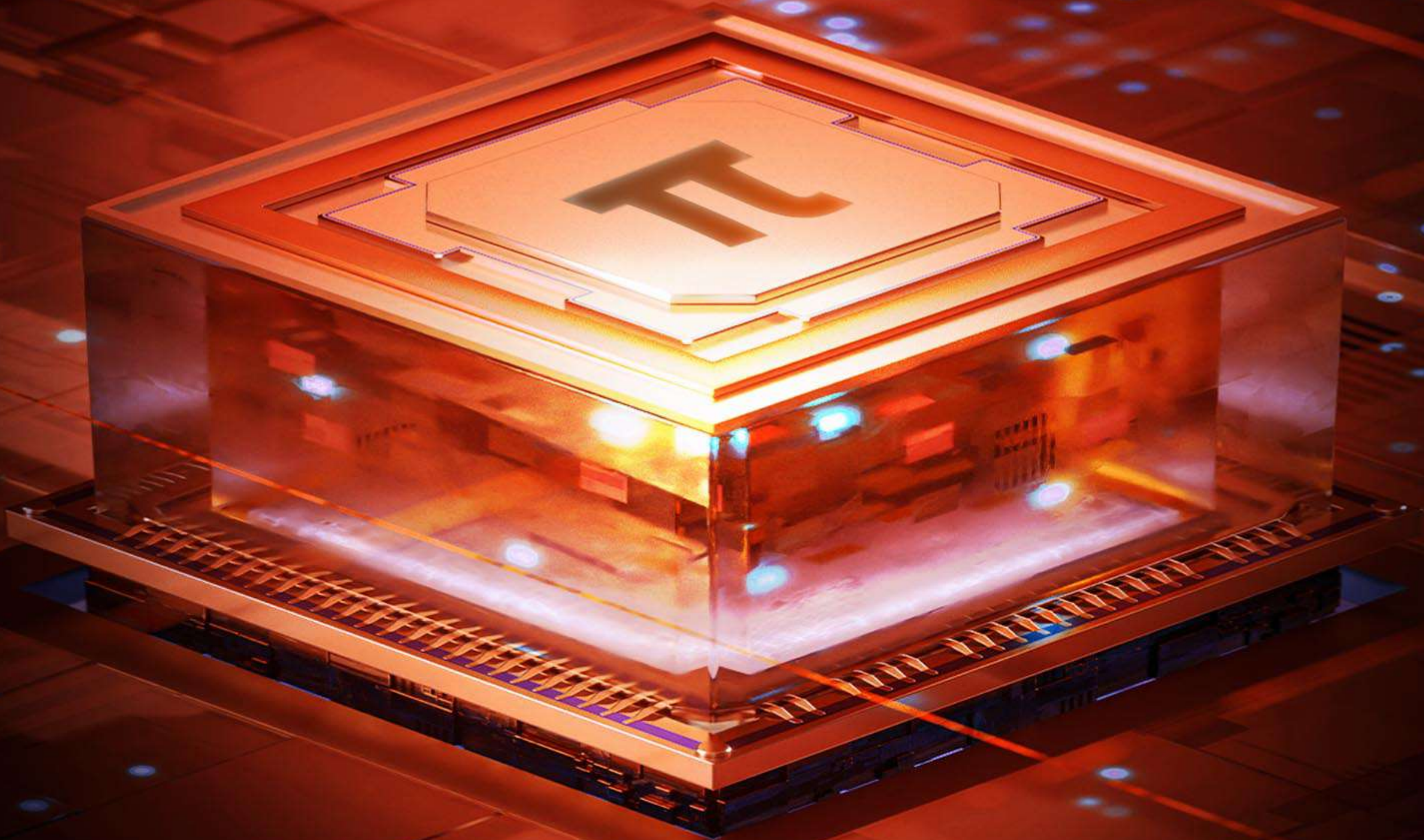
Automatically detects the original car sound source signal
and the later installed sound source signal,
achieving free switching and automatic mixing.



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EP8.8 Pro



**All EP DSP products has
built in Bluetooth 5.1 module**
Digital audio direct transmission



Optional external CSR Bluetooth 5.0 module

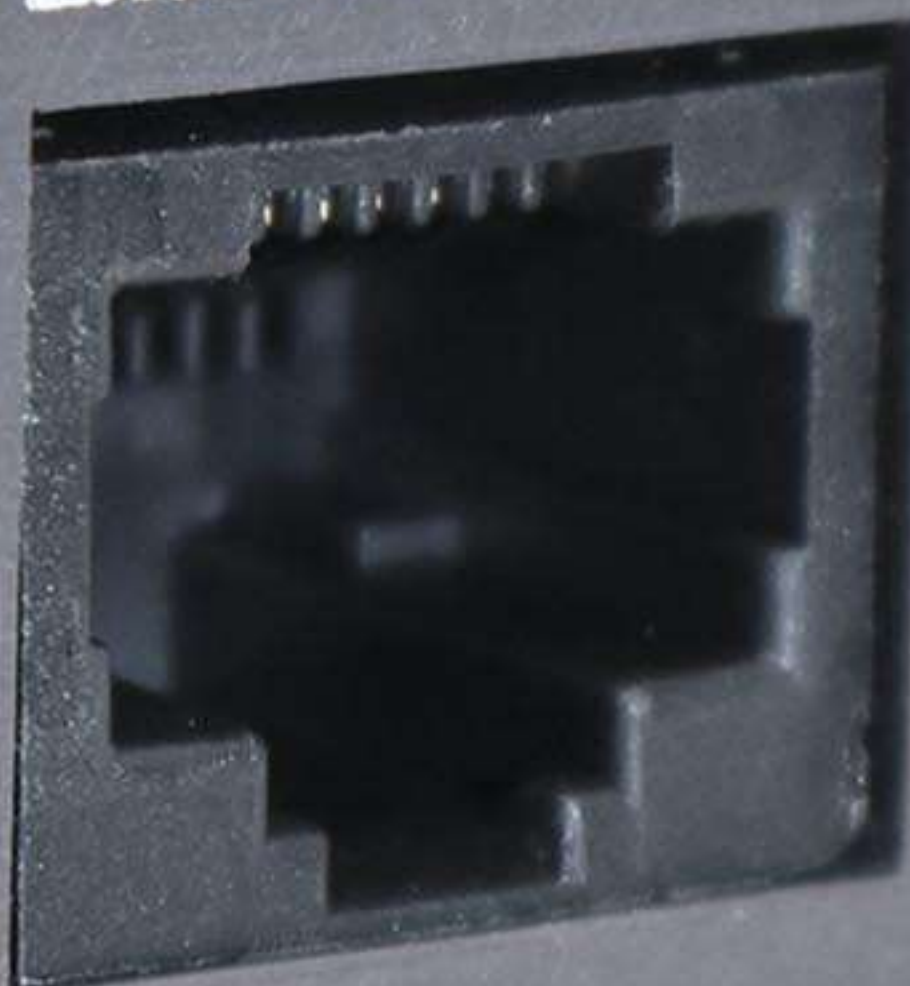
Support AAC, APTX-L, APTX-LL, APT-HD,
MP3, SBC and other protocols.

Support iOS/Android phone app
wireless tuning & remote control.

CONTROLLER



External Bluetooth



The eighth built-in channel is a high-power amplifier output, which can directly drive a high-power subwoofer speaker.

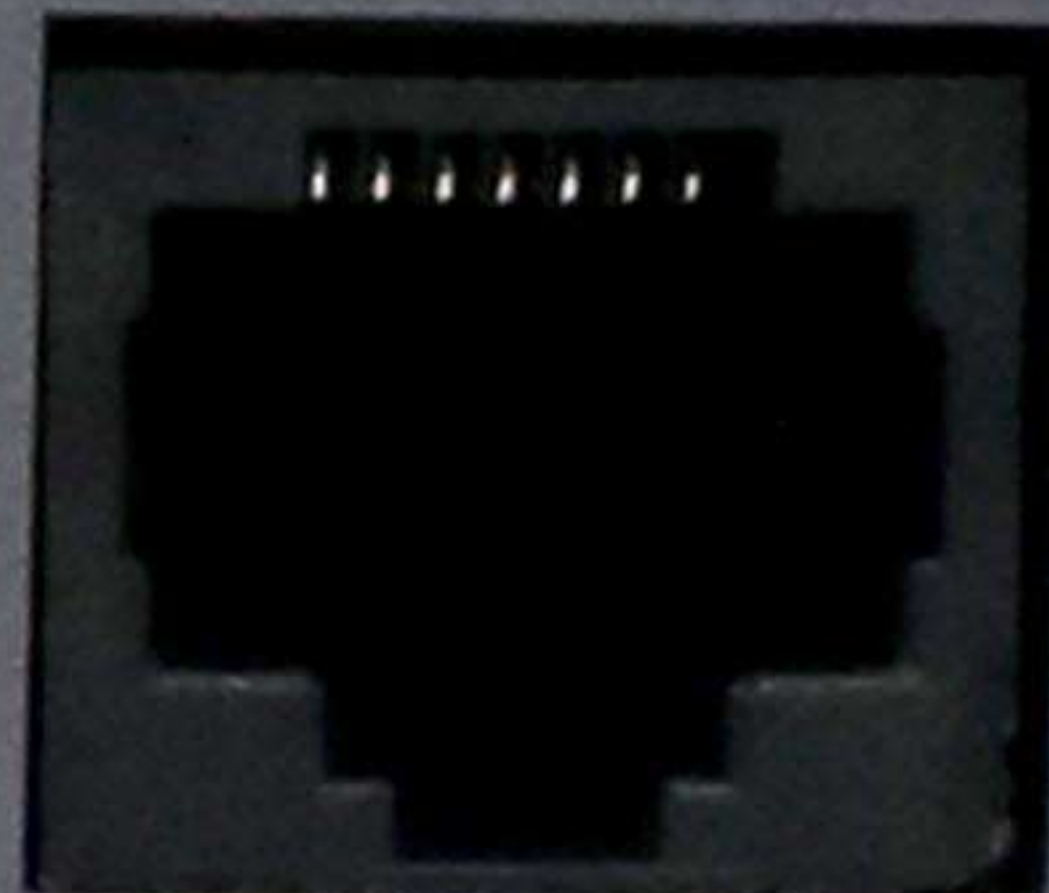


Optional Wired remote control
for Main / Subwoofer volume control,
sound source selection
and presets recall.

CONTROLLER



External Bluetooth

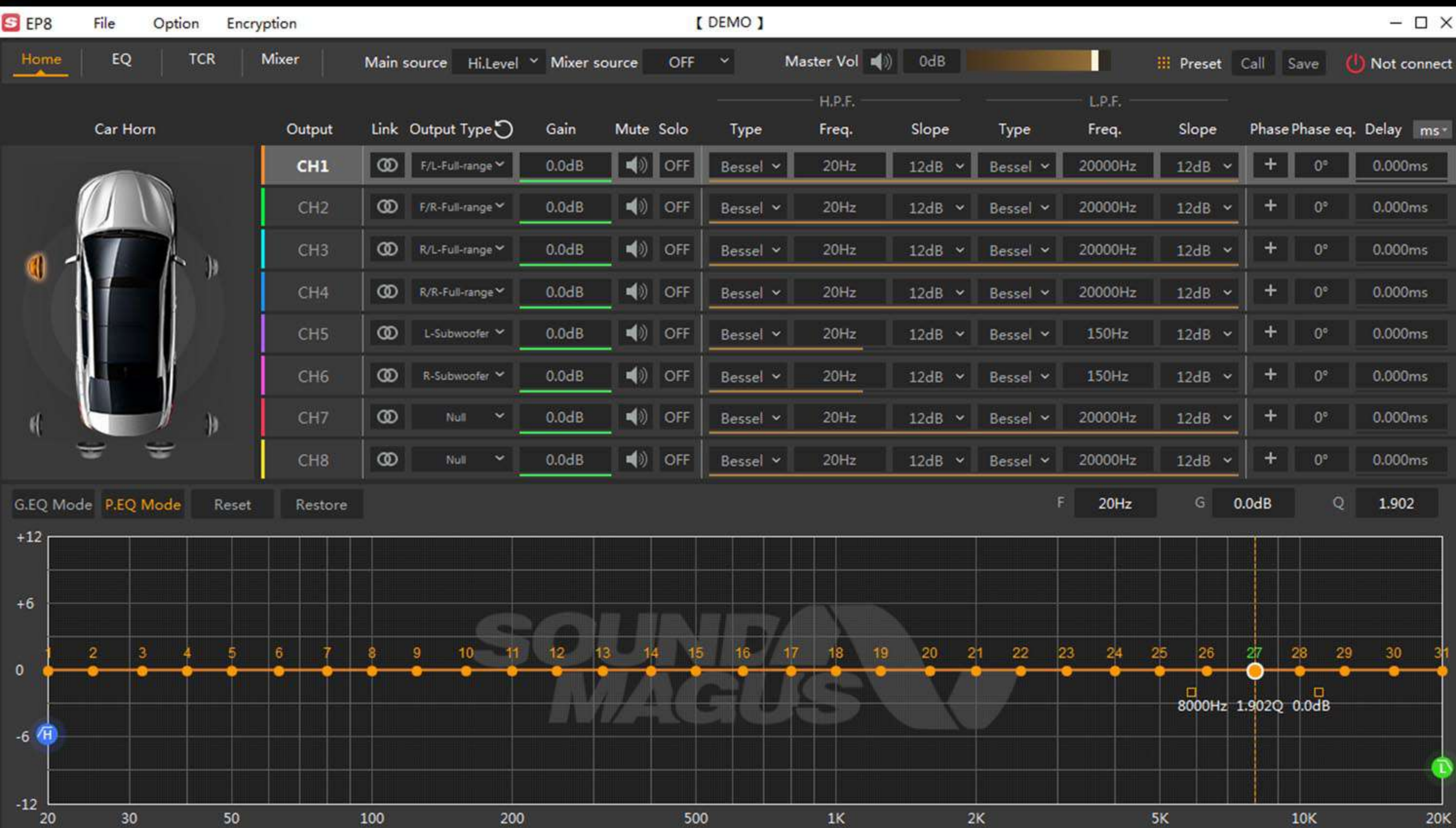


Support iOS / Android phone app tuning



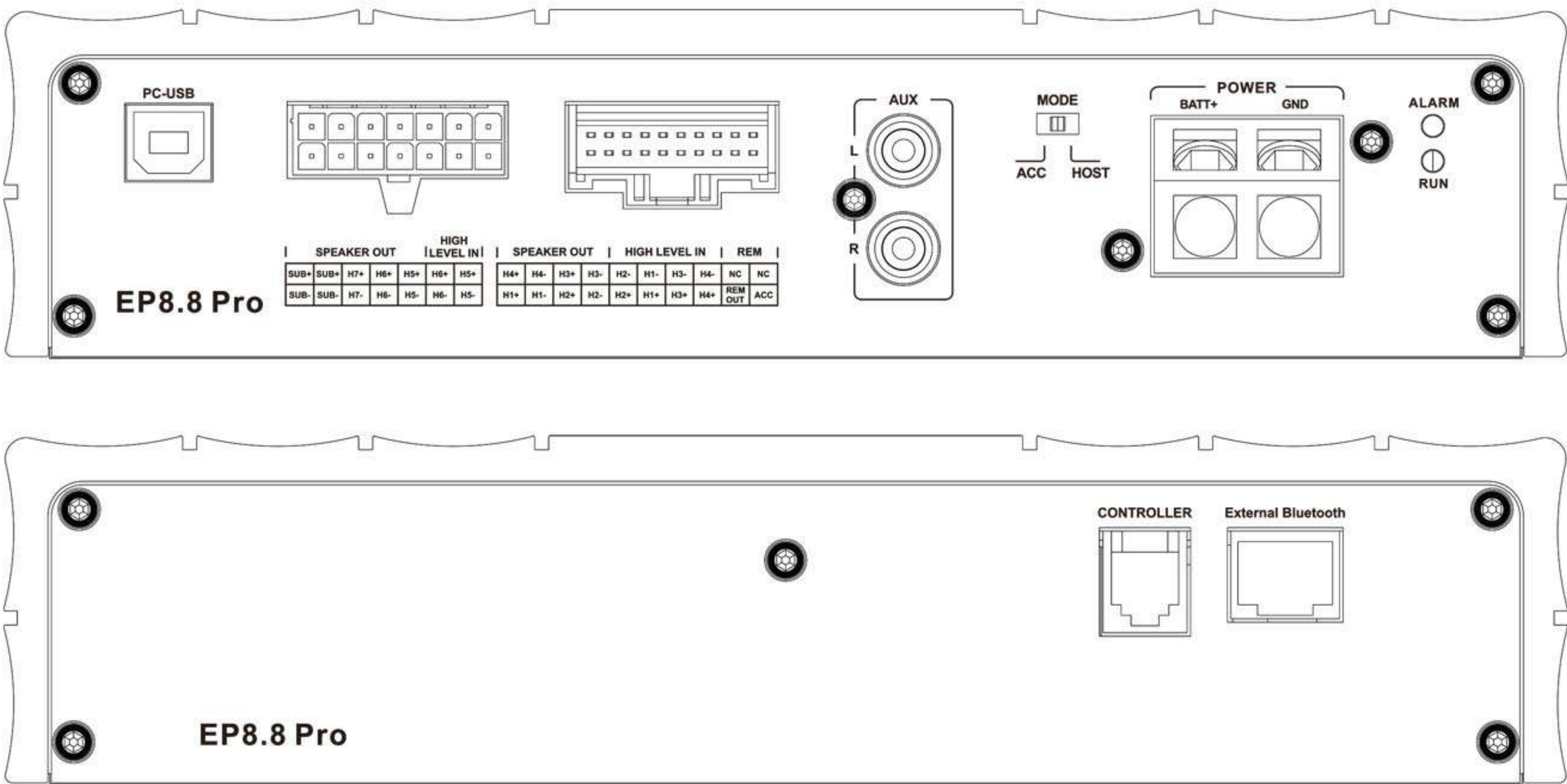
Adaptive full screen graphical UI intelligent Windows PC tuning software.

- Main/auxiliary sound source;
- Multiple high-level signal inputs, supporting arbitrary mixing between multiple channels.
- Each channel supports 31-band EQ; support customize multiple groups of joint adjustments on EQ, X-over, phase, delay.
- Customize output channel type
- Dynamic bass enhancement
- Support encrypting DSP settings to prevent unauthorized modifications.



EP8.8 Pro product specifications

Input & Output interface



Specifications

Power supply	
Operating Voltage range	7.5 - 16V DC
Auto Turn On	ACC / DC OFFSET (High level input CH1 only)
Standby current	<5mA
Ldling current	1.45A
REM OUT output voltage	12V DC (380mA)
Input	
Analog input	6 Channel High Level / 10Vrms
	2 Channel Low Level (AUX) / 2.0Vrms
Input Impedane	20K Ohm (Low Level) / 4.7 Ohm(High-Level)
Bluetooth	Built-in Bluetooth 5.1, supports SBC / AAC protocols
	External Bluetooth 5.0, supports AAC, APTX-L, APTX-LL, APT-HD, MP3, SBC and other protocols
Output	
Output Channel	8 Channel High Level
Low level output channel	NA
High level output RMS power	7 x 50W + 1 x 250W (14.4V , 4Ω , 1KHz , 1%THD)
High level output MAX power	7 x 100W + 1 x 500W (14.4V , 4Ω , 1KHz , 10%THD)
Frequency Response ragnge	20Hz ~ 20KHz (-3dB)
THD (1KHz, 1Vrms output)	0.04%
S/N Ratio(1KHz A-wt.TH=1%)	>94dB
Channel Separation @1KHz	>75dB
Output signal Crossover	Independent HPF, LPF filter for each channel
	Filter type: Link-Ril, Bessel, Butter-W
	Filter frequency: 20Hz~20KHz (1Hz steps)
	Filter slope: 6dB/Oct~48dB/Oct
Output Signal Equalizer	31 independent equalizers per channel. Type: Parametric / Graphic Equalizer
	Frequency: 20Hz~20KHz (1Hz steps)
	Q Value: 0.404~28.852
	Gain: -12.0dB~+12.0dB (0.1dB steps)
Output Phase	Normal phase or reverse phase (0°~360°)
Output Delay	0.000~10.000ms;0~346cm;0~136.4 inch
Output volume	Each channel independent adjustment: -60dB/Oct~0dB/Oct (0.1dB steps)
	Total volume adjustment: -60dB/Oct~6dB/Oct (0.1dB steps)
Shutdown delay	0~255S
Control	
DSP Tuning	PC software (Installation free) / Smart phone app tuning (External Bluetooth module required)
Remote control	Wired controller / Smart phone app control (External Bluetooth module required)
Dimension	
Net weight	1.8kg
Dimension	159mm x 223mm x 50 mm(L x W x H)

※ SOUNDMAGUS reserves the right to modify specifications or change product design without notice.