



Fosi Audio

Redefining HiFi with Unmatched Value.

Fosi Audio CA30

Redefining Sound Quality in Car Amplifiers



HiFi Sound

Compact Size

88% High Efficiency

Cooling design



Highlight Summary

Impressive Sound Performance

Fosi's first car amplifier brings eight years of home-audio engineering into the automotive world, achieving HiFi-grade tuning and performance. With a **Noise Floor $\leq 200\mu\text{V}$** , **THD+N $\leq 0.008\%$** , and **SNR $> 100\text{ dB}$** , it delivers sound quality that goes far beyond its class.

Born for All Vehicles

The CA30 is compatible with 99% of vehicles—both gasoline and electric models that support 10–16V power.

Compact Size, Giant Sound

- Compact at just **$7.3 \times 3.9 \times 1.7$ inches**, it can be easily tucked under a seat or inside the glovebox.
- Powered by the Infineon IR4322 Class-D amplifier chipset, it delivers up to **88% efficiency** with low heat output.
- Rated at $100\text{W}4\Omega \times 4$ and supporting bridged operation, it effortlessly drives 4Ω subwoofers (bridged only) and $2\text{--}8\Omega$ mid/high-frequency speakers.

Thoughtful Design

- Aluminum-alloy chassis with sculpted cooling grooves ensure efficient heat dissipation and stable audio performance.
- Supports synchronized power on/off with the head unit via the REM input. A delayed-mute circuit eliminates turn-on and turn-off pops.
- Includes dedicated protection and clipping indicators: red for overheat, off for short-circuit, and orange for when distortion reaches 1%.



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Product Gallery





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Specifications

Amplifier chip	Infinion IR4322
Op-amps	JRC NJM4580E/ ST TJM4558CDT
RMS Power@4Ω	100Wx4
RMS Power@2Ω	160Wx4
Bridge Power@4Ω	320Wx2
Frequency Response	10Hz-40kHz
Low Pass Frequency Crossover	50Hz-250Hz
High Pass Frequency Crossover	50Hz-250Hz
Power/Protection Indicator	Blue / Red
Clipping Indicator	Yellow
Damping Coefficient (100Hz @10W)	≥140
Input Sensitivity	0.75 – 8V
Interference@1kHz	≥60dB
SNR	>100dB
SINAD	≥80dB
Remaining Noise	≤200μV
THD@5W	≤ 0.008%
Fuse	30A×2 (Internal)
Price	USD 139.99

About Fosi Audio

Established in 2017, Fosi Audio is dedicated to the development, manufacturing, and global sales of high-quality HiFi audio products. The name FOSI embodies our four core principles:

Foresight – thinking further ahead;
Openness – embracing users' voices;
Sincerity – serving you wholeheartedly;
Innovation – upholding technical excellence.

Driven by these values, we have built a comprehensive lineup of audio equipment, including home audio amplifiers, preamps, DACs, speakers, turntables, CD players, headphones, desktop and portable headphone DAC amps, etc.

As a rising star in the HiFi audio world, Fosi Audio has earned widespread recognition and trust from audiophiles and music lovers. With a distribution network spanning over 100 countries, we are delivering exceptional sound experiences across the globe.

We believe every sound matters. With cutting-edge innovation, we make every note clear, real, and full of emotion, empowering you to “Hear the Unheard”. Driven by our mission to redefine HiFi with unmatched value, Fosi Audio continues to fuel its passion for the HiFi industry, ramp up R&D efforts, and co-create new HiFi equipment with users. We pledge to bring more amazing HiFi gear with cutting-edge technology, innovative design, and premium quality to users worldwide.

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Official Forum: community.fosiaudio.com
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