



HiFi
Hear It.... Feel It....

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It is the customer's responsibility to validate that a particular product with the properties described
in the product specification is suitable for use in a particular application.



FREEDOM | ENJOY | MUSIC





[Who is listening]

A sincere call from the music world

[Who is leading]

A group of technocrats pursuing the ultimate music

[Who is awakening]

A pile of long silent cold parts

[Who is playing]

An absolutely immersive hearing feast

[Who is coming to us]

FEM Audio breaking the shackles of time and space

Freedom | Enjoy | Music

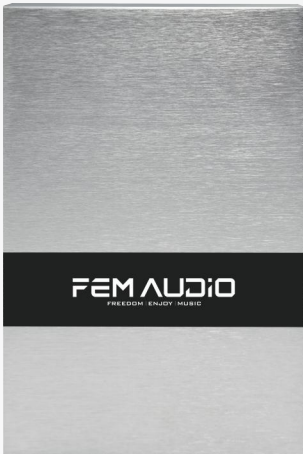
FEM Audio

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DSP 480.6C



Product Advantages

- ◆ Texas Instruments (TI) chip set, processing capacity of 135MIPS
- ◆ Qualcomm top grade dual mode solution Bluetooth 5.0
- ◆ Vehicle Regulation Level certified FLASH. More than 100000 erasure-able
- ◆ Professional ARM Cortex-M3 32-bit core processor
- ◆ 25 Bands EQ adjustment, accurately control each frequency band and Q factor.
- ◆ Smart intelligent signals summing technology
- ◆ Support electronic Gain input sensitivity adjustment and system Turn On & Off timing delay adjustment.
- ◆ Support original vehicle wiring harness, friendly and easy Plug & Play installation, easily upgrade the OEM audio system.

Product Parameters

Product Model: DSP 480.6c	THD: ≤ 0.1%
SNR: ≥ 86db	EQ Bands: 25 Bands
Channel: 4 high level Input, 4 power Output, 2 RCA low level Output	
Power: 4 x 80W@4 Ω	Frequency response range: 20Hz-20KHz
Size: 105x155x50mm	Power Amplifier: Class D design

DSP 480.6Pro



Product Advantages

- ◆ Texas Instruments (TI) chip set, processing capacity of 135MIPS
- ◆ Support APTX-HD Bluetooth, Master Tape grade Hi-Res wireless audio quality
- ◆ Vehicle Regulation Level certified FLASH. More than 100000 erasure-able
- ◆ Professional ARM Cortex-M3 32-bit core processor
- ◆ 25 Bands EQ adjustment, accurately control each frequency band and Q factor.
- ◆ Smart intelligent signals summing technology
- ◆ Support electronic Gain input sensitivity adjustment and system Turn On & Off timing delay adjustment.
- ◆ Support original vehicle wiring harness, friendly and easy Plug & Play installation, easily upgrade the OEM audio system.

Product Parameters

Product model: DSP 480.6 Pro	THD: ≤ 0.1%
SNR: ≥86db	EQ Band: 25 Bands
Channel: 4 high level Input, 4 power Output, 6 RCA low level Output	
Power :4x80W@4 Ω	Frequency Response Range: 20Hz-20KHz
Size: 120x155x50mm	Power Amplifier Category: Class D design

DSP 680.8Pro



Product Advantages

- ◆ Dual DSP chips design, processing capacity of 270MIPS
- ◆ USA Ti high performance differential Input and Output Audio CODEC
- ◆ Audiophile grade OPA operational amplifier, Ti Audiophile Grade Digital Power Amplifier
- ◆ Vehicle Regulation Level certified FLASH. More than 100000 erasure-able
- ◆ Low noise and high power, with 6 x 80W power amplifier Output & 8CH RCA Output
- ◆ Professional ARM Cortex-M3 32-bit Core Processor
- ◆ Support APTX-HD Bluetooth, Master Tape Grade Hi-Res wireless sound quality
- ◆ 31 Bands EQ adjustment, accurately control each frequency band and Q factor.
- ◆ Smart intelligent signals summing technology
- ◆ Support electronic Gain input sensitivity adjustment and system Turn On & Off timing delay adjustment.
- ◆ Support original vehicle wiring harness, friendly and easy Plug & Play installation, easily upgrade the OEM audio system.

Technical Parameters

Product Model: DSP 680.8Pro	THD: ≤ 0.1%
SNR: ≥ 86db	EQ Bands: 31 Bands
Channel: 6 high level Input, 2 low level Input, 6 power Output, 8 RCA low level Output	
Power: 6x80W@4Ω	Frequency response range: 20Hz-20kHz
Size: 150x180x50mm	Power Amplifier: Class D design

SUBWOOFER SERIES USS-F68



Technical Parameters

Product Model: USS-F68	Rated Power: 80W
Size: 265 x 195 x 72mm	Peak Power: 160W
Impedance: 4 Ω	THD:: < 0.5%
Fuse Rating: 15A	SNR: > 90dB
Unit Specification: 6 x 8 "	Frequency Response Range: 20Hz - 180Hz
Subwoofer Gain: 0 - 12dB	Input Sensitivity (High Level): 1.0V
Subwoofer Filter: 20Hz (Fixed)	Input Sensitivity (Low Level): 300mV
Low Pass Filter: 50Hz - 180hz	

SUBWOOFER SERIES
USS-F10



Technical Parameters

Product Model: USS-F10	Rated Power: 150W
Size: 344 x 244 x 79mm	Peak Power: 300W
Impedance: 4 Ω	THD: < 0.2%
Fuse Rating: 25A	SNR: > 90dB
Unit Specification: 10"	Frequency Response Range: 20Hz - 180Hz
Subwoofer Gain: 0 - 12dB	Input Sensitivity (High Level): 1.0V
Subwoofer Filter: 20Hz (Fixed)	Input Sensitivity (Low Level): 300mV
Low Pass Filter: 50Hz - 180Hz	

SUBWOOFER SERIES
STS-F12



Technical Parameters

Product Model: STS-F12	Rated Power: 250W
Size: 365 x 365 x 124.5mm	Peak Power: 500W
Impedance: 2 Ω	THD: < 0.5%
Fuse Rating: 30A	SNR: > 95dB
Unit Specification: 12"	Frequency Response Range: 20Hz - 150Hz
Subwoofer Gain: 0 - 12dB	Input Sensitivity (Hug Level): 1.0V
Subwoofer Filter: 20Hz (Fixed)	Input Sensitivity (Low Level): 300mV
Low Pass Filter: 50Hz - 150Hz	

CENTER SPEAKER
C17



Product Advantages

- ◆ Streamlined shape, two-way dual-speaker design.
- ◆ All-cast aluminum shell, compact and thick structure.
- ◆ Ultra-thin midrange + silk dome tweeter, taking into account the sound field and sound quality.
- ◆ Easy to install, fixed by the Nano Tape Pad.
- ◆ The appearance is technologically fashionable, and the perfect combination of acoustics and aesthetics.

Technical Parameters

Product Model: C17	Power Rating (RMS/Max.): 15W/30W
Size: 111 x 82 x 33 mm	Recommended Xover: >350Hz 12dB/Oct
Impedance: 4 Ohm	Free Air Resonance : 385Hz
Frequency Response: 250Hz ~ 20kHz	

CENTER SPEAKER
C25



Product Advantages

- ◆ Spherical design, eliminates cavity standing waves.
- ◆ Rubber edge full-range speakers, taking into account the sound field and sound quality.
- ◆ All-cast aluminum shell, compact and thick structure.
- ◆ The installation method is flexible and reliable, and it can be glued or screwed.
- ◆ The appearance is technologically fashionable, and the perfect combination of acoustics and aesthetics.

Technical Parameters

Product Model: C25	Power Rating (RMS/Max.): 15W/30W
Size: 80 x 79 x 74 mm	Recommended Xover: >350Hz 12dB/Oct
Impedance: 4 Ohm	Free Air Resonance : 350Hz
Frequency Response: 230Hz ~ 20kHz	

MONO POWER AMPLIFIER
AC1200



Product Advantages

Size:	254×112×57mm
Out Power@2Ω:	260W×1CH
Out Power@4Ω:	200W×1CH
THD:	<0.02%
Frequency Response Range :	10Hz~30KHz
SNR:	=>96dB
Sensitivity:	0.35mV~8V
Fuse :	30A×2

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