

8 CHANNEL DSP PROCESSOR

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Our R&D team have extensive experience of what makes a great DSP. Using our own hands on approach to DSP development we soon exhausted every product available from vendors across the globe and set about developing our own product from the ground up.

Our initial starting point was simple. Create a user interface that was intuitive with an extensive options list. To not only help the novice installer build their skills, but also include enough options to satisfy the experts. A single user interface and DSP design which could be added to full catalogue of products.

That means that our community of installers and consumers need only learn and understand one platform across a number of products. We are proud to release this new DSP design which will be available in entry level plug and play amplifiers all the way through to specialist stand alone DSP designed for SQ tuning and competition installation.

Our new software is available on android and IOS and has been developed to use on hand held devices such as phones and tablets. The wireless connection aids in vehicle tuning and the wireless connectivity gives music streaming options as standard.

Setup app features

- Master volume control
- 4 x user definable presets
- 1/3 octave 31 band parametric equaliser
- Bandpass crossover with variable slope
- Phase adjustment
- Limiter (audio compressor)
- IO mixer
- Time alignment
- Mute and channel reset

The all new EDSDSP8 DSP processor delivers the most powerful and flexible processing solution in the EDGE range.

The EDSDSP8 is a stand alone 8 channel DSP processor which allows the user to simply turn any existing amplifier into a DSP powered beast!

With multiple inputs such as Optical digital and audio streaming, the EDSDSP8 turns any factory headunit into an audio receiver allowing you to wirelessly stream your music while on the move.

The smartphone app allows full control of all settings such as gain, crossover, time alignment, 31 band parametric Eq and many more functions.

The inbuilt mixer allows the input signal to be summed and distributed to any desired channels, perfect for a multiple speaker setup where only a stereo input exists

Features

- Cast aluminium chassis
- Auto turn on circuit
- High and low level input
- Optical and coaxial digital input
- Audio streaming receiver
- 8 channel RCA output
- Master volume control via smartphone app .
- Source input switching from High level, RCA, optical digital and wireless streaming.
- 1/3 octave parametric equaliser with variable Q .
- High pass, low pass and bandpass crossover for each channel with variable crossover slope up to 48dB per octave.
- Phase control.
- Time alignment for each channel.
- Powerful mixer allows summing of input signal and distribution to any channel.
- Limiter allows full control over system dynamics.
- Real time adjustment from the drivers seat allowing easy setup after installation.
- All features can be adjusted with intuitive gesture control.
- Available for iOS and Android.



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Model	EDSDSP8-E3
Configuration	8 channel DSP processor
Dimensions (H x W x D)	1.6" x 5.3" x 5.2" (40 x 135 x 131mm)
Frequency Response	10Hz - 30kHz
Crossover Type	LP / HP / BP / Flat
LP Crossover range	20Hz - 20kHz
HP Crossover Range	20Hz - 20kHz

