

POWERBOX MICRO DSP AMPLIFIER

Digital • Signal • Processing



Experience the ultimate versatility of the POWERBOX65.4MDSP – a remarkable upgrade to the already exceptional POWERBOX65.4M. Harnessing the power of a robust DSP (digital signal processor), this cutting-edge system builder sets a new standard in the industry.

With a wide range of inputs including Optical, High-level, and Bluetooth, the POWERBOX65.4MDSP effortlessly transforms any factory sound system into a Bluetooth receiver, enabling seamless wireless music streaming while you're on the go.

Take full command of your audio experience through our intuitive smart-phone app. Unlock a myriad of settings such as gain control, crossover configuration, time alignment, a 31-band parametric EQ, and an array of other functions, providing you with complete control over every aspect of your sound.

Enhanced by an integrated mixer, the POWERBOX65.4MDSP intelligently combines input signals and seamlessly distributes them to your desired channels. This feature is especially ideal for setups with four speakers, optimizing audio quality even when only a stereo input is available.

Step into the digital frontier, where the future shines brightly. Embrace the POWERBOX65.4MDSP and embrace a new era of exceptional audio.



Model	POWERBOX65.4-8MDSP-V3
Configuration	4 channel
Dimensions (H x W x D)	1.5" x 7.4" x 3.2" (37mm x 187mm x 82mm)
RMS @ 4Ω Stereo	4 x 65 watts
RMS @ 2Ω Stereo	N/A
RMS @ 4Ω Mono	N/A
Maximum Power	520 watts
Frequency Response	20Hz - 20kHz
Crossover Type	HP / Full
Crossover Range	50Hz
Topology	Micro Class D

PERFECT FIT - Experience unparalleled sound enhancement with the POWERBOX DSP micro amplifier, designed with a plug-and-play style fitment that seamlessly integrates into any scenario, whether it's OEM or aftermarket installations.

LOADED WITH FEATURES - Our latest Powerbox amplifier is packed with an impressive array of features, including a powerful DSP, signal output capabilities, remote output functionality, auto turn-on feature, complete setup and control through a user-friendly app, and even the ability to wirelessly stream music directly to the amplifier.

UNRIVALLED POWER - Boasting an impressive 65 watts RMS per channel, the POWERBOX65.4 DSP stands as the most powerful plug-and-play amplifier available in the market. Prepare yourself for an extraordinary audio experience.

EFFORTLESS USAGE - Our in-house designed app makes utilizing the DSP features a breeze. It offers an intuitive and user-friendly interface, ensuring effortless operation to achieve optimal results from your audio upgrade.



AUTO SENSE

For easy integration we have included auto-sense turn on, this means for OEM installations there is no need to find a remote turn on signal when installing into any vehicle.



RCA OUTPUT

The new Powerbox DSP amplifier features 4 RCA outputs each with full DSP control from the built in 8 channel DSP chip.



HIGH LEVEL INPUT

When installing into an OEM headunit Our DSP amplifier has high level input, meaning this box can be installed easily without an aftermarket head-unit



REMOTE OUTPUT

The Powerbox Micro DSP amplifier also features a remote output trigger feed, this will allow the turn on of another amplifier in your system such as a Powerbox400.1m



DSP APP

Brand new DSP app for total system control which is available on both Android and IOS. EQ, Time alignment, Crossovers, level adjustment and much more.



MICRO SIZE

Based on the footprint of the original Powerbox65.4m the New DSP model is super small and compact and can be installed and fit in locations many standard amplifiers cant.



DOWNLOADS



PHOTO'S

POWERBOX DSP APPLICATION

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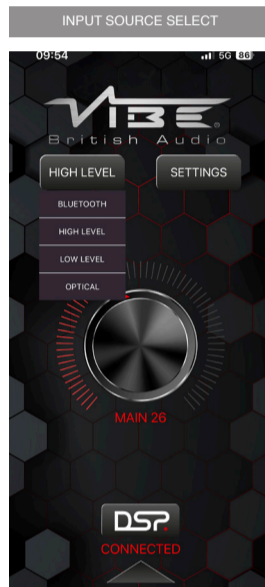
Available to download on both IOS and Android VIBE introduces our brand new in house developed DSP app for mobile devices.

The app gives you full control of your amplifier right from the palm of your hand allowing the adjustment and set up of all areas of your system.

Below details all the functions of the DSP app.



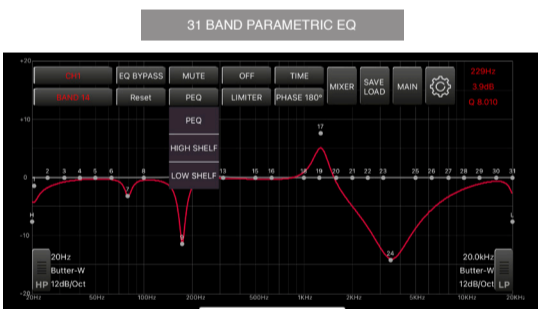
Controls the master volume for all channels from the home page of the DSP amps



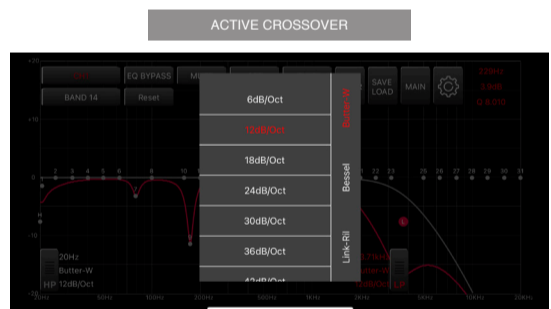
Select the input source from the DSP amp. Choose from high level, BT, Low level and optical



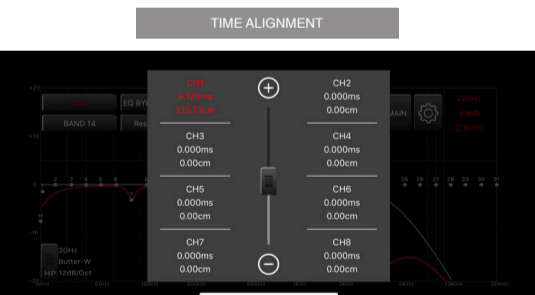
Create multiple presets for different users and store them in 6 available preset blanks



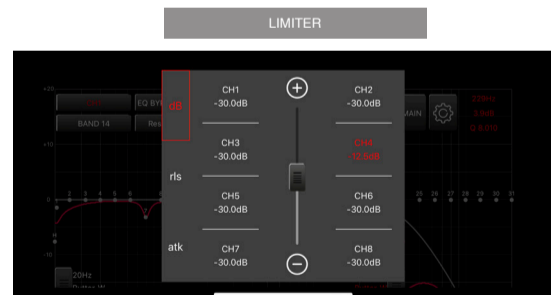
31 Band equaliser adjustable with your fingertips, gestures allow full control over both frequency and Q factors



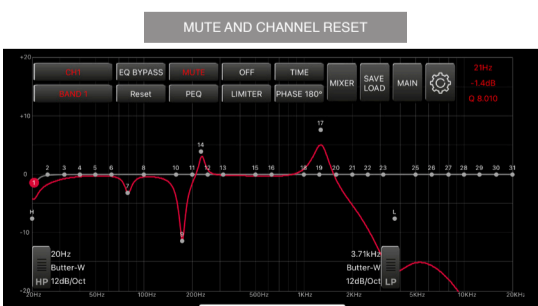
Active crossover allows HPF (high pass filter), LPF (low pass filter) and BPF (band pass filter) with the full 20Hz-20Khz available to all bands. The crossover slope is also variable between 6dB and 48dB Octaves.



Time alignment allows each individual channel to be adjusted independently in either time (ms) or distance (cm)



Audio limited is similar to a compressor and allows the user to keep the signal for each channel consistent. Limit level (dB) attack (ATK) and Releaser (RLS) are all adjustable for each individual channel.



Mute individual channels for ease of setup and reset buttons of you need to return to default settings.



Mixer allows any input channel to be mapped to any output channel. Especially useful when you need the full 10 channel output from a stereo source such as a phone.