

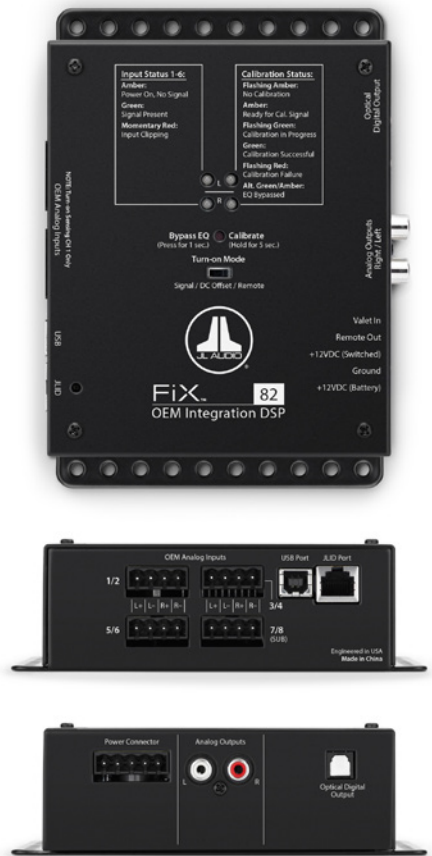


FiX™ 82

OEM Integration DSP

Position:

Great sound using the OEM source has never been this easy to achieve! Groundbreaking delay correction makes FiX™ unique among integration processors, ensuring correct summing and equalization of factory signals.



SUMMARY:

The most powerful OEM signal interface ever devised makes creating great audio with OEM sources easier than ever!

#1 The first OEM interface that automatically corrects delay in factory signals!

- FiX™ 82 is the first DSP that automatically performs time delay corrections prior to signal summing and EQ correction. This is essential for achieving proper summing and equalization of the signals.

#2 A single button press delivers powerful results like never before!

- Connect up to eight channels of OEM analog audio signals, from low-voltage, line-level to high power, amplified speaker-level outputs (up to 30V RMS).
- Time-delayed factory audio signals are automatically synchronized before summing.
- 2-way, 3-way or 4-way factory outputs are then summed into two full-range stereo signals, with automatic level matching.
- In the final step, dual 1/3 octave equalizers automatically correct the frequency response of the delay-corrected and summed factory signal.
- Powerful DSP with 24 bit / 48 kHz resolution performs all processing in approximately 30 seconds. No special equipment is needed!
- Calibration CD is included.

#3 Analog and Digital Outputs

- Choose from a stereo pair of 4-volt line-level RCA jacks, or a digital optical (Toslink) output, supporting PCM audio (S/PDIF) 24bit / 48 kHz.

#4 Flexible activation options with a dedicated turn-on output for your equipment

- FiX™ 82 can be turned on with a conventional 12-volt trigger, or via automatic Signal-Sensing, or DC Offset-Sensing.
- A dedicated remote turn-on output provides voltage to activate your aftermarket amplifiers or signal processors.

#5 JLID Port delivers added functionality and convenience from the driver's seat

- Connecting the optional DRC-100 Digital Remote Controller (sold separately) to the JLID Port adds the following functions, all within easy reach of the driver.

Master Volume Control: Maintains linear frequency response at all volume levels and delivers optimum signal-to-noise performance.

Handsfree Optimization: Improves audio clarity of your vehicle's handsfree telephony system, if equipped, by disabling the FiX™ 82's time correction functions and applying a 100 Hz high-pass filter. This mode is activated by pressing the control knob when a call comes in and pressing it again to return to normal operation.

LED Status Reporting: The DRC-100's multi-color LED will illuminate to indicate the FiX™ 82's overall condition, as well as Valet/Handsfree mode activation and input signal clipping.