



Quick Setup Guide

What's in the Box

PSM-Pro DSP Module	- 1
6ft USB-C Cable	- 1
Input Harness /Power Harness	- 1
8-CH Output Harness	- 1
Profile Line Harness	- 1

The ARC Audio PSM Pro digital sound processor is a small but powerful device that is designed to enhance the audio quality of your car or motorcycle's sound system. It is an upgraded version of the PSM offering even better performance and 8 channels of output.

The PSM Pro uses advanced 32-bit DSP technology and has 8 Channels of 31 Band EQs Plus 6 "Bonus Bands" to use however you need. All EQ bands include Parametric, Allpass and Shelving options. Open architecture crossover selection, signal delay, and phase control. This allows you to tune your audio system to your personal taste and improve the quality of your listening experience.

The ARC Audio PSM Pro is an affordable and powerful solution for enhancing the audio quality of your car or motorcycle. It offers advanced features of larger DSPs and can be easily integrated with any vehicle by using the iData Maestro AR or the advanced Integration Input DSP.

Features and Specs

Analog Inputs - 6 CH. Differential in (RCA or Speaker Level)

Input Sensitivity - 2V - 16V RMS

Digital Input - Coaxial

Auto-sense Turn-On - DC (BTL) (Uses Ch 1 Inputs Only)

Outputs (RCA) - 8-Channels

Outputs Voltage (RCA) - Up to 3.5V

S/N Ratio 1V 1:1 - 86dB

S/N 4V 1:1 - 90dB

Operating Voltage - 6V - 17.0V (Start Stop Compliance to 4.5V)

Equalization - 31 Band + 6 (37 Band) X 8 Parametric EQ, Highpass Shelf, Lowpass Shelf, 1st & 2nd order Allpass.

Output Signal Delay - Up to 30ms per channel

Crossovers - Phase Correct AP/HP/LP/BP all channels

Crossover Slopes - 6dB, 12dB, 18dB, 24dB, 30dB, 36dB, 42dB, 48dB.

Crossover Types - Butterworth, Linkwitz-Riley, Bessel, Chebyshev

Crossover selectable frequencies - 10Hz - 20kHz Every Channel

Input Signal Equalization - 12 Bands Parametric Per Channel

Input Equalization Include All Pass and Shelving Filters

Input Signal Delay - Up to 11.04ms per channel input

Presets - Up to 4-Presets

External Remote Level Control - Yes (LR1 Sold Separately)

Maestro AR Module interface capable - Requires Maestro T-Harness.

OS compatibility - 64 bit Windows 8- 8.1, Windows 10, Windows 11

Dimensions - 3.75"(L) x 3.0"(W) x 1.35"(H)

