ARC AUDIO ®
PSM Pro

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.

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

Features and Specs

Analog Inputs - 6 CH. Differential in (RCA or Speaker Level)	Crossovers - Phase Correct AP/HP/LP/BP all channels
Input Sensitivity - 2V - 16V RMS	Crossover Slopes - 6dB, 12dB, 18dB, 24dB, 30dB, 36dB, 42dB, 48dB.
Digital Input - Coaxial	Crossover Types - Butterworth, Linkwitz-Riley, Bessel, Chebyshev
Auto-sense Turn-On - DC (BTL) (Uses Ch 1 Inputs Only)	Crossover selectable frequencies - 10Hz - 20kHz Every Channel
Outputs (RCA) - 8-Channels	Input Signal Equalization - 12 Bands Parametric Per Channel
Outputs Voltage (RCA) - Up to 3.5V	Input Equalization Include All Pass and Shelving Filters
S/N Ratio 1V 1:1 - 86dB	Input Signal Delay - Up to 15 ms per channel input
S/N 4V 1:1 - 90dB	Presets - Up to 4-Presets
Operating Voltage - 6V - 17.0V (Start Stop Compliance to 4.5V)	External Remote Level Control - Yes (LR1 Sold Separately)
Equalization - 31 Band + 6 (37 Band) X 8 Parametric EQ, Highpass Shelf, Lowpass Shelf, 1st & 2nd order Allpass.	Maestro AR Module interface capable - Requires Maestro T-Harness.
	OS compatibility - 64 bit Windows 10, Windows 11
Output Signal Delay - Up to 40ms per channel	Dimensions - 3.75"(L) x 3.0"(W) x 1.35"(H)

Orange RCA - Digital Input
Purple/Purple Black - Input 4
Green/Green Black - Input 3
Red RCA - Input 6
Black RCA - Input 5
Gray/Gray Black -Input 2
White/White Black - Input 1
Red - Turn-On/ACC
Yellow - 12V+ Batt
Blue - Turn-On Output
Black - Ground

Output 1 - White RCA
Output 2 - Red RCA
Output 3 - White RCA
Output 4 - Red RCA
Output 5 - White RCA
Output 6 - Red RCA
Output 7 - White RCA
Output 8 - Red RCA

Power Light
DC Auto Detect Turn-On
Maestro IData Link

USB- C
LR-1 - Remote Level
Orange - Preset 2
Gray - Preset 3
Both = Preset 4
Ground Triggered