



technologies
vivid mobile audio X

2140C SPECIFICATIONS

Watts Per Channel @ 4Ω	2 x 70
Watts Per Channel @ 2Ω	2 x 140
Watts Per Channel @ 4Ω Bridged	1 x 280
Frequency Response:	5 Hz to 50 kHz +/- 1 dB
Distortion (THD):	< .04%
Signal to Noise Ratio:	> 100 dB
Damping Factor:	> 200 @ 100 Hz with 4Ω load
Input Sensitivity (unbalanced source):	100 mV to 8.5 V RMS
Input Sensitivity (balanced source):	100 mV to 17 V RMS
Input to Line Output Gain:	0 dB +/- 20 dB, 10 dB steps
Operational Voltage:	11 to 15 Volts
On-Board Crossover:	12 dB per Octave "Butterworth"
Module Port(s):	1 - Accessory Port 1 - Balanced Line Port
Power Supply:	Fully Regulated, PWM
Fusing:	50 Amp

2140C FEATURES DISCONTINUED DECEMBER 1997

- Fully regulated, PWM power supply.
- Doubling of power from 4 to 2 Ω loads.
- Hand-matched, complementary MOSFETS for better performance and sound quality.
- Fully discrete power amp.
- Independent amplifier channel gain adjustment.
- Forced air convection cooling.
- Over-current and thermal protection circuitry.
- Input sensitivity (100 mV to 8 V RMS) adjustable in 10 dB steps.
- Balanced line input ports - designed to accept our (optional) BLM 1 module.
- One accessory port - designed to accept our (optional) accessory modules.
- Built-in noise gate with threshold adjustment control.
- 13 frequencies available for each amplifier.
- RCA line level outputs controlled by on-board crossovers.
- On-board crossover has 3 modes of operation - high pass, low pass, or bypass.
- Amp may be run in "Mixed Mono" mode using passive crossovers.
- 4 year parts and labor warranty when installed by an authorized Xtant dealer.

