

PR01200X

zenith entertainment machine™
hdtv-compatible front projector

*Up to 1080p HDTV Display
Format*

*SXGA Data Resolution
(1280 x 1024)*

Adaptive Digital Comb Filter

*ProVerge™ Auto
Convergence System*

*8" Liquid Coupled CRTs
with Electromagnetic Focus*

*High Definition, Color
Corrected HD 215 Lenses*

Contrast Modulation

*Multi-Standard Video
System*

*Multi-Aspect Ratio
(4:3, 16:9)*

*Front/Rear, Floor/Ceiling
Projection Options*

*CRT Drive in 3 Modes;
Normal, Economy; Boost*

*Multi-Language
On-Screen Menus*

*LDI (Linear Digital
Interpolation)*

*IR Remote Control Doubles
as Installation Remote*

*Built-In Projection
Distance Calculator*

Optional Ceiling Mount



zenith 

PRO1200X

Dimensions – 14.25"H x 23.23"W x 42.38"D

Weight – 148 lbs.

Finish: – Black

The Zenith PRO1200X is a performance video projector designed to project crystal clear images from a wide range of high resolution video sources from NTSC to HDTV on screens from 4.6 ft. to 20 ft. wide. The Zenith 1200X is ideally suited for home theatre applications as well as a data display.

OUTSTANDING IMAGE QUALITY

The Zenith PRO1200X renders large screen images with unprecedented visual fidelity using High Resolution 8" CRTs with electromagnetic focus and High Definition, Color Corrected HD215 lenses.

BROAD COMPATIBILITY

- Horizontal autolock scan frequency range of 15-75 kHz
- Vertical scan frequency of 37-200 Hz autolock
- RGB bandwidth of 75 MHz
- A full complement of signal input connections

BUILT-IN CONVERGENCE

Using the built-in camera, the ProVerge™ Automatic Convergence system aligns on-screen convergence in less than 2.5 minutes with more accuracy than ever before possible through the conventional manual convergence process.

SPECIAL FEATURES

- Contrast Modulation to improve brightness and color uniformity
- CRT drive in 3 modes: normal mode, economy mode for longer CRT life, and boost mode
- Multi-language on-screen menus: English, French German and Spanish
- 32 frequency-related memory banks (up to 8 per frequency)
- LDI (linear digital interpolation)
- Effective on-screen display guides the setup process
- Automatic storing of all adjustments
- Ability to set parameters to mid position
- Color temperature adjustment (3200K, 4900K, 6500K, 9300K or custom)
- Built-in projection distance calculator
- "Seagull" correction to improve corner geometry
- RS232 Data Communication Port

DETAILED SPECIFICATIONS

Scan Frequencies	Horizontal: 15 - 75 kHz autolock Vertical: 37 - 200 Hz autolock
RGB Bandwidth	75 MHz [-3dB]
CRTs	High brightness, high definition liquid cooled 8" electromagnetic focus.
Lenses	High definition, fully color corrected, HD-215 lenses, with center + edge focus adjustment.
Optical Resolution	10 lp/mm at 50% MTF throughout the field.
Inputs	RGB or Component (R-Y, B-Y, Y) input on 5 BNC-connectors, with sync on green or separate sync, automatic sync detection and sync polarity. RGB analog input on D9-connector, with automatic sync detection and polarity. Video (PAL/SECAM/NTSC 3.58/TSC 4.43), loop-through (2xBNC) with 75 Ohm termination switch. S-Video input (4-pin mini-DIN), loop through with 75 Ohm termination switch.
Screen Sizes	Min: 1.4m x 1.05m (4.6' x 3.45') Max: 6.0m x 4.5m(20' x 15')
Retrace Time	Horizontal: <2.5ms Vertical: <300ms
Horizontal Linearity	<1.5% distortion throughout the full horizontal frequency range.
Power Consumption	500 watts max.
Operating Environment	Temperature: 0 - 40 degrees Celsius Humidity: 0 - 90 percent non-condensing Storage: -10 - 50 degrees Celsius
Safety and Regulations	UL: Complies with UL 1950 and NOM IEC: Governed by IEC 950 CSA: Complies with CSA 950 FCC: Complies with FCC Class "B" European: CE Mark (PRO910) Japan: VCCI (PRO910) DHHS: Complies
Electromagnetic Interference	Complies with FCC part 15 Class B.

COMMERCIAL WARRANTY

Zenith Electronics Corporation warrants to the purchaser that it will supply a new or equivalent re-manufactured Zenith part to replace any part which proves to be factory-defective within two years from the date of initial installation. Any such replacement or repaired part is only warranted for the unexpired portion of the original warranty period. Service labor necessary for such replacement or repair will also be paid for a period of two years from the date of installation. Adjustment of user controls, installation or repair or antenna systems, or damage due to misuse, abuse or negligence are not covered by warranty. Any alteration of the product after manufacture voids this warranty in its entirety.

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