

ELECTROHOME

ECP® 3000

HIGH BRIGHTNESS DATA/GRAPHICS PROJECTION SYSTEM

Benson Telecommunications

Source of Revenue

Network Services Group	35%
Local Services	20%
Networks	15%
Toll Services	10%
Billing	8%
Enterprise Group	7%

Use of Revenue

Other	10%
Service	25%
Depreciation	15%
Taxes	10%
Benefits	8%
Overhead	12%
Salaries	15%

FULL ZONE DIGITAL CONVERGENCE

LARGE SCREEN DISPLAY SOLUTIONS

ECP® 3000 PERFORMANCE DATA and SPECIFICATIONS

Optics

- High definition F1.0 hybrid lens

Resolution

- Maximum resolution 1800 x 1350 pixels or 1350 lines

Brightness

Maximum

- 650 lumens peak light output
- 370 foot lamberts on a 6' diagonal 10 gain screen total light output

Focused Data

- 480 lumens peak light output
- 280 foot lamberts on a 6' diagonal 10 gain screen total light output

Display

- Functional 3 lens design allows simple adjustment for flat, curved or rear screens from 5 to 25 feet diagonal
- Electronic pincushion circuits separately correct top, bottom and sides for flat, curved, or rear screen applications
- Keystone circuitry to correct pictures for angles up to ± 15 degrees vertically from screen axis

Video Circuits

Input

- Input level 0.5 to 2.0 volts p-p, 75ohms $\pm 1\%$ terminated
- Automatically switches to separate sync or sync on green
- Separate sync is automatically accepted in either polarity

Frequency Response

- 60MHz bandwidth ± 3 dB
- Linear non-differential amplifier accommodates 8 nanosecond pixels and digital clock rates over 130MHz

D.C. Restoration

- Keyed clamp

Gain

- Minimum video gain 40dB or 100X
- Maximum video output 130 volts p-p-drive

Deflection Circuits

Vertical Deflection

- Size: automatically regulated over frequency range and adjustable from 20% underscan to 10% overscan
- Frequency Range: automatically locks from 45 Hz to 120 Hz
- Retrace Time: less than 300 microseconds

Horizontal Deflection

- Size: automatically regulated over frequency range and adjustable to 10% overscan 10% underscan
- Frequency Range: automatically locks from 15KHz to 50KHz
- Retrace Time: 3.6 microseconds

High Voltage

- 34.0Kv regulated to better than $\pm 1\%$

Power Requirements

- 90 VAC to 132 VAC can be externally reconnected for 180 VAC to 264 VAC
- Line frequency 50 to 60Hz nominal
- Power 450 watts maximum

Operating and Service Controls

Infrared Remote Control

- Power
- Contrast
- Brightness
- Color
- Tint
- Detail
- Volume
- Mute
- Standby
- Reset
- Recall
- Help
- Source #
- Convergence
- Pincushion
- Bow
- Size
- Focus
- Keystone
- Move
- Vert. Blank
- Horiz. Hold
- Vert. Hold
- Fast/Slow Sync
- Projector #
- Exit
- Optional remote control receiver can be connected to projector for rear screen applications
- On screen display prompting assists set-up with step-by-step alphanumeric instructions and graphic focus aids

Service Controls (Screwdriver Adjust)

- RGB Drive Levels
- RGB Screen Controls
- RGB Cut-Off Switches
- RGB Electrical Focus
- Vertical Linearity

Indicators

- Power On
- Ready
- Error
- Vertical Hold Manual
- Horizontal Hold Manual
- Vertical Scan Fail
- Horizontal Scan Fail

Environment

Inputs

Unit comes with 1 input module allowing 2 RGB sources to be connected and Quad Standard Decoder module.

Optional Source Selection

The Electrohome IR Remote Video/Data Switcher allows use of 6 additional input modules for master control of projector.

Maximum Operating Range

- Temperature: 0 to 35 degrees C
- Humidity: 0 to 90% non-condensing
- Altitude: 0 to 3000m (0-10,000 ft.)

Storage

- Temperature -30C to 65 degrees C

Mounting

- The ECP® 3000 can be ceiling mounted on its optional ceiling mount or on a castered cart for portable applications.

Weight

- 99 lb./45 kg
- Shipping Weight 120 lb./54.4 kg

Accessories Included

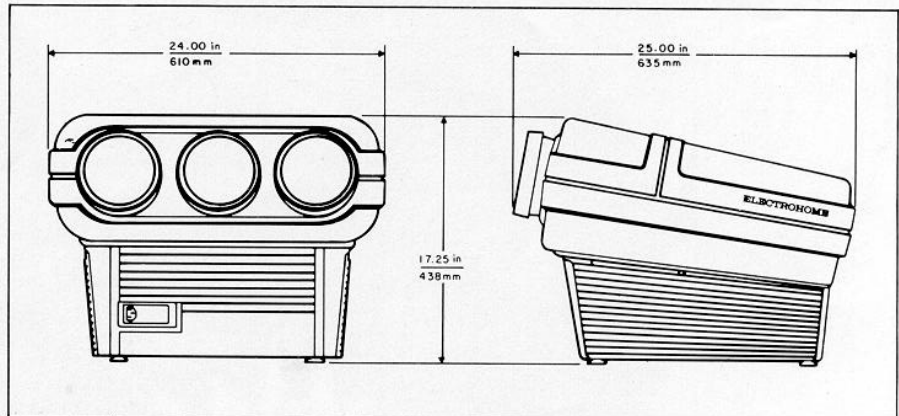
- 25' signal cable, 10 pin keyed
- RGB and Sync splitter for BNC connections
- IR Remote control keypad

Regulatory Approvals

- Model #XX-B09640-XX
- Meets FCC Class A, DHHS and HWC requirements
- CSA certified

One year parts and labour WARRANTY

Due to constant research, specifications are subject to change without notice.
ECP is a registered trademark of Electrohome Limited.



ELECTROHOME

PROJECTION PRODUCTS

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