LA3C

Immersive auditoriums | Post production | Premium large format

Ribbon driver line array ceiling surround loudspeaker for cinema auditoriums

Key features:

- True to the source – accurate reproduction of the soundtrack using low mass drivers
- Expanded sweet spot – up to four times the optimal listening area than competing systems
- Easy to install – versatile installation with variety of M8 and M10 fittings
- Extended listening comfort – distortion-free signal reproduction for no listening fatigue through the movie
- Exceptional acoustics – clear and expansive sound with higher dynamic range
- Delivers emotion in every scene – greater impact when loud, better detail when quiet

PLANAR RIBBON DRIVERS

Ultra-low mass high frequency drivers with 10x less distortion

SINGLE CABINET DESIGN

Christie’s Cinema-centric line array for superior coverage and focused sound

PATENTED PARABOLIC ARRAY

Exceeding the most demanding immersive format performance requirements

christiedigital.com/cinema
**Specifications Christie LA3C (145-111104-02)**

**System type**
- Fixed articulate ribbon driver line array, 2-way, passive, in a single sealed enclosure

**Driver components**
- 12 x 3.5" ribbon drivers with Kapton® diaphragm and Neodymium magnets
- 8 x 5.25" paper Kevlar composite mid-bass cone drivers

**Crossover**
- Linear phase, 2-way, passive @ 1.5kHz, 24dB/octave

**Frequency response**
- 80Hz-20kHz @ -6dB

**Maximum SPL**
- 124.5dB (AES) continuous
- 136.5dB peak

**System coverage**
- 120° horizontal dispersion
- 120° vertical dispersion

**Sensitivity**
- 95.5dB (200Hz-3kHz)

**Power handling**
- 800W (AES) continuous
- 1600W (IEC) short term

**Recommended amplifier power**
- 640-1160W (FTC) @ 6 ohms

**Rated impedance**
- 3 ohms

**Input connectors**
- Screw terminal barrier strip

**Enclosure**
- Closed box alignment
- 18mm marine plywood
- Heavily damped and braced
- Rated for overhead applications

**Mounting options**
- Ceiling mounted using 4 x M8 points
- Flown using 4 x M10 fly points

**Accessories (optional)**
- Allen Products MultiMount MM-3DRX-18 (111-683209-01) for ceiling mounting
- 1 x Allen Products RK-4C Rigging Kit 4 x Cable (111-685201-01) for flying
- 18" Safety Cable (003-006320-01)
- 72" Safety Cable (003-006321-01)

**Dimensions**
- (LxWxH) 15.1 x 9.4 x 37.5" (383 x 238 x 954mm)

**Net weight**
- 48.5lbs (22kg)

**Warranty**
- Limited 5-year warranty

---

1 Measured at distances of 4m and 8m in simulated, free field and ground plane conditions. Sensitivity is calculated based on measured SPL response averaged in 200Hz-8kHz range and scaled back to 1m.

2 AES refers to AES2-2012 standard. IEC refers to IEC 60268-5 standard. Max SPL calculated based on sensitivity and power handling. IEC short-term power tested using IEC pink noise with 9dB crest factor. The crest factor was specifically increased to reflect real-life parameters of digital cinema sound tracks. Maximum peak SPL calculated using peak voltage during IEC short-term power test.

3 Averaged in 500Hz-16kHz range, at -6dB.

4 4 cables required when flown. See User Manual for details.

---

**Corporate offices**
- Christie Digital Systems USA, Inc.
  - Cypress: ph: 714 236 8610
- Christie Digital Systems Canada Inc.
  - Kitchener: ph: 519 744 8005

**Worldwide offices**
- Australia: ph: +61 (0) 7 3624 4888
- Brazil: ph: +55 (11) 2548 4753
- China (Beijing): ph: +86 10 6551 0240
- China (Shanghai): ph: +86 21 6030 0500
- Colombia: ph: +57 (0)1 477 3179
- Eastern Europe: ph: +36 (0)1 47 48 138
- France: ph: +33 (0)1 41 21 44 04
- Germany: ph: +49 221 919 512-0
- India: ph: +91 (0)80 6708 9999
- Italy: ph: +39 (0) 2 9902 1161
- Mexico: ph: +52 55 4744 1790
- Singapore: ph: +65 6777 8790
- South Korea: ph: +82 2 702 1601
- Spain: ph: +34 91 633 9990
- United Arab Emirates: ph: +971 (0) 4 503 8800
- United Kingdom: ph: +44 (0) 118 977 8000
- United States (Arizona): ph: 602 943 5700
- United States (Arizona): ph: +1 520 943 5700
- United States (Florida): ph: +1 954 6708 9999
- United States (New York): ph: +1 914 633 9990
- United States (Texas): ph: +1 773 877 8790
- United States (Washington): ph: +1 800 221 1171

---

**Independent sales consultant offices**
- Australia: ph: +61 (0) 7 3624 4888
- Brazil: ph: +55 (11) 2548 4753
- China (Beijing): ph: +86 10 6551 0240
- China (Shanghai): ph: +86 21 6030 0500
- Colombia: ph: +57 (0)1 477 3179
- Eastern Europe: ph: +36 (0)1 47 48 138
- France: ph: +33 (0)1 41 21 44 04
- Germany: ph: +49 221 919 512-0
- India: ph: +91 (0)80 6708 9999
- Italy: ph: +39 (0) 2 9902 1161
- Mexico: ph: +52 55 4744 1790
- Singapore: ph: +65 6777 8790
- South Korea: ph: +82 2 702 1601
- Spain: ph: +34 91 633 9990
- United Arab Emirates: ph: +971 (0) 4 503 8800
- United Kingdom: ph: +44 (0) 118 977 8000
- United States (Arizona): ph: 602 943 5700
- United States (Arizona): ph: +1 520 943 5700
- United States (Florida): ph: +1 954 6708 9999
- United States (New York): ph: +1 914 633 9990
- United States (Texas): ph: +1 773 877 8790
- United States (Washington): ph: +1 800 221 1171

---

For the most current specification information, please visit christiedigital.com

Copyright 2020 Christie Digital Systems USA, Inc. All rights reserved. All brand names and product names are trademarks, registered trademarks or trademarks of their respective holders. Performance specifications are typical. Due to constant research, specifications are subject to change without notice.

CINE0118-LA3C Datasheet-Jan-2020-EN-US