## **Certificate of Test**





Issue#1: 17<sup>th</sup> May 2018

This document is hereby issued by Hursley EMC Services Limited to the named manufacturer. It is valid only for the product identified below in respect, either in part or in full, to the relevant electromagnetic requirements necessary for compliance with the EMC Directive 2014/30/EU and other national requirements.

**PRODUCT:** C & M Series Professional Audio Amplifiers with DSP

Model: Eight channel 88C10 & Four channel 44M20 with Dante option fitted

Serial numbers: 0AD1500-01-050 and 0AD1458-01-001

44C20, 44C10, 44C06, 88C10, 88C06 & 88C03, 44M20, 44M10, 44M06, 44M03, **Alternate models:** 

48M10, 48M06 & 48M03

These models are either electrically similar or less complex than the 88C10 & 44M20.

The model 88C10 and 44M20 were used for all testing.

Product build level: Production

Product manufacturer: Linea Research Limited Product modifications: None to sample submitted

Ref. Job sheets 18J207 & 18J208 defining product & support equipment Product build description:

Customer: Linea Research Limited

No.1 Marquis Business Centre, Royston Road, Baldock,

Hertfordshire, SG7 6XL. United Kingdom

Test commissioned by: Ben Ver, Engineering Director, Linea Research Ltd

*Test date(s):* 18<sup>th</sup> to the 25<sup>th</sup> April 2018

Test deviation The latest test referenced standard dates were used in place of those listed in the test standard

EMC measurement site: Hursley EMC Services Ltd

Trafalgar House, Trafalgar Close, Chandlers Ford, Hampshire

Multimedia Equipment *Equipment category:* 

## Applied and met EMC test standards:

**Emissions: EN 55032:2015** Radiated emissions & - CISPR 32:2015, Class A

Conducted emissions

FCC/CFR 47:Part 15 Radiated emissions & - ANSI C63.4:2014, Class A

Conducted emissions

Canadian Standard ICES-003:Issue 6 Radiated emissions & - CISPR 22:2008

Conducted emissions

EN 61000-3-2:2014 Professional equipment exemption Mains voltage flicker (dmax=4%) EN 61000-3-3:2013

**Immunity: EN 55035:2017** - EN 61000-4-2:2009 Electrostatic discharge

> - EN 61000-4-3:2006 inc A1:2008 & A2:2010 Radiated RF immunity

Fast transient bursts - EN 61000-4-4:2012 - EN 61000-4-5:2014 - EN 61000-4-6:2014 Conducted immunity Voltage dips and interruptions - EN 61000-4-11:2010

UKAS uncertainty statement: The uncertainty measurement for each test has been included to support a level of confidence of approximately 95%.

This product complies with the technical requirements concerning the applied sections of the above test standards.

This certificate relates to the product as tested and may not represent the entire population. Test data and product details for reporting purposes are filed (ref. 18J207 & 18J208) at Hursley EMC Services Ltd.

Note I: IEC 61000-4-8, Magnetic Power Field testing at the rated power frequency, was not performed for the reason that the EUT did not have any magnetically sensitive components.

Note II: The Class A warning should be placed in the product's user manual

Approved signatories: R. P. St. John James ( ) J. A. Jones (✓) D. Tiroke ()

The above named are authorised Hursley EMC Services signatories







APPROVAL SIGNATORY

PROJECT ENGINEER:

**Trafalgar House Trafalgar Close** Chandlers Ford, Eastleigh Hampshire. UK. SO53 4BW

**Hursley EMC Services Ltd.**