

# Certificate of Constancy of Performance

**Intertek**

## 0359-CPR-00623

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

**Product(s):** Range of AD-C4T and AD-C6T Ceiling Loudspeakers  
(refer to attached appendix for details and conditions)

**placed on the market under the name or trade mark of:** QSC, LLC  
1675 MacArthur Blvd., Costa Mesa, California, 92626, United States of America

**and produced in the manufacturing plant(s):** Meida Technology (Suzhou) Co., Ltd (MEIDATCN.01)  
No. 5 Chun-Shen-Hu East Road, Xiang-Cheng District, Suzhou, JiangSu 215131, China

**Intended use:** Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

**EN54-24:2008**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on **16<sup>th</sup> June 2017** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

**Notified Body**

**0359**

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Date 16/06/2017  
Issue 1



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## 0359-CPR-00623

### Appendix to Certificate of Constancy of Performance 0359-CPR-00623

The details and conditions of use for the Range of AD-C4T and AD-C6T Ceiling Loudspeakers, placed on the market under the name or trade mark of:

**QSC, LLC**

1675 MacArthur Blvd., Costa Mesa, California, 92626, United States of America

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

**Products compliant with EN54-24:2008**

Model	Manufacturing Location	Description
AD-C4T-BK	MEIDATCN.01	30 W Ceiling Loudspeaker - Black
AD-C4T-WH	MEIDATCN.01	30 W Ceiling Loudspeaker - White
AD-C6T-BK	MEIDATCN.01	60 W Ceiling Loudspeaker - Black
AD-C6T-WH	MEIDATCN.01	60 W Ceiling Loudspeaker - White

**Conditions of use:**

Suitable for indoor (Type A) applications only

The following equalisation settings must be applied in all EN54 installations:-

Model	EN54-24 Equalisation Settings
AD-C4T-BK, AD-C4T-WH	High Pass, 24 dB/oct, Butterworth, Fc: 70 Hz Low Shelf, 12 dB/oct, (Q) 1.2 / (BW) 1.17, Fc: 340 Hz, Gain: -5 dB High Shelf, 12 dB/oct, (Q) 0.8 / (BW) 1.70, Fc: 6 kHz, Gain: +5 dB
AD-C6T-BK, AD-C6T-WH	High Pass, 12 dB/oct, Butterworth, Fc: 200 Hz High Shelf, 12 dB/oct, (Q) 1 / (BW) 1.38, Fc: 8 kHz, Gain: +4 dB

**Approved settings:**

The following transformer power settings and direct-coupled rated impedance settings have been approved:-

Model	Transformer Power Settings		Direct-coupled Rated Impedance Settings
	70 V	100 V	
AD-C4T-BK, AD-C4T-WH	3.75 W, 7.5 W, 15 W, 30 W	7.5 W, 15 W, 30 W	16 Ω
AD-C6T-BK, AD-C6T-WH	7.5 W, 15 W, 30 W, 60 W	15 W, 30 W, 60 W	

**General notes:**

- No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.