



EC DECLARATION OF PERFORMANCE

WE, MANUFACTURER

COTINA CO., LTD.

Registered in Taiwan VAT No. : 12428303

5F, NO.515, SEC.3, MING CHIN ROAD, TAI SHAN DISTRICT, NEW TAIPEI CITY, TAIWAN

DECLARE THE PRODUCTS OF LOUDERSPEAKER FOR VOICE ALARM SYSTEM ITEM NO.:

CS-5206EN,CS-5210EN,CS-6106EN,CS-6110EN,CS-6206EN,CS-6210EN,CSF-5206EN,CSF-6206EN

EN54-24 CERTIFICATE NO. : 1488-CPD-0320/W DATED : 17.01.2013

CERTIFIED BY : BUILDING RESEARCH INSTITUTE

Ul. FILTROWA 1,00-611 WARSZAWA, POLAND

TEL:48(22)5796167 FAX:48(22)5796295 Website : www.itb.pl

TO WHICH THIS DECLARATION RELATES IS IN CONFORMITY WITH EN54-24:2008
DECLARED PERFORMANCE :

| Essential characteristics | Reference / Test method | Performance |
|--|-------------------------|-------------|
| Compliance | PN-EN54-24 Point 4.1 | Positive |
| Frequency response limits | PN-EN54-24 Point 4.2 | Positive |
| Durability | PN-EN54-24 Point 4.3 | Positive |
| Construction | PN-EN54-24 Point 4.4 | Positive |
| Marking and data | PN-EN54-24 Point 4.5 | Positive |
| Reproducibility | PN-EN54-24 Point 5.2 | Positive |
| Rated impedance | PN-EN54-24 Point 5.3 | Positive |
| Horizontal and vertical coverage angles | PN-EN54-24 Point 5.4 | Positive |
| Maximum sound pressure level | PN-EN54-24 Point 5.5 | Positive |
| Rated noise power (durability) for 100 hours | PN-EN54-24 Point 5.6 | Positive |
| Dry heat (operational) | PN-EN54-24 Point 5.7 | Positive |
| Dry heat (endurance) | PN-EN54-24 Point 5.8 | Positive |
| Cold (operational) | PN-EN54-24 Point 5.9 | Positive |
| Damp heat, cyclic (operational) | PN-EN54-24 Point 5.10 | Positive |
| Damp heat, cyclic (steady state) | PN-EN54-24 Point 5.11 | Positive |
| Damp heat, cyclic (endurance) | PN-EN54-24 Point 5.12 | Positive |
| SO ₂ corrosion (endurance) | PN-EN54-24 Point 5.13 | Positive |
| Shock (operational) | PN-EN54-24 Point 5.14 | Positive |
| Impact (operational) | PN-EN54-24 Point 5.15 | Positive |
| Vibration, sinusoidal (operation) | PN-EN54-24 Point 5.16 | Positive |
| Vibration, sinusoidal (endurance) | PN-EN54-24 Point 5.17 | Positive |
| Enclosure protection (IP 21C) | PN-EN54-24 Point 5.18 | Positive |

This declaration of performance is issued under the sole responsibility of Cotina Co., Ltd.

Signed on behalf of Cotina Co., Ltd :

Signature :

Cheng, Liang-Chih

General Manager

Date : Dec. 06, 2013

