

## EC-CERTIFICATE OF CONFORMITY

**1134 - CPD - 110**

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

**Voice alarm control and indicating equipment**

**TOA VX-2000**

(Details of the composition see annex n° 1)

**Fixed fire fighting systems – Fire Detection and Fire alarm Systems**

placed on the market by

**TOA ELECTRONICS EUROPE GMBH**

**Süderstraße 282  
20537 HAMBURG  
GERMANY**

and produced in the factories

**ACOUS Corporation  
113 Buma,  
Maibara-city  
Shiga-ken 521-0224  
JAPAN**

**DYNATRON Industrial Co., Ltd  
3F No.223 Chung Yang Road  
Nan Kang,  
Taipei  
TAIWAN**

**DYNATECH  
Fulong 2 Rd, Fulong Industrial,  
ShaJing Town, BaoAn  
Shenzhen 518125  
CHINA**

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the approved body ANPI has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard (*resp. in*)

**EN 54-16:2008**

were applied and that the product fulfils all the prescribed requirements.

This certificate was issued on **30-03-2011** and remains valid as long as the conditions laid down in the harmonized technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Brussels, the 30<sup>th</sup> of March, 2011

  
**Ing. M. VANDENDOREN  
Secrétaire Général of ANPI**

## ANNEX N° 1 to EC-CERTIFICATE OF CONFORMITY

**1134 - CPD - 110**  
**2011-03-30**

*The Voice alarm control and indicating equipment TOA VX-2000 includes also the following options with requirements of the EN 54-16:2008:*

7.3	<i>Audible warning</i>
7.6.2	<i>Manual silencing of the voice alarm condition</i>
7.7.2	<i>Manual reset of the voice alarm condition</i>
7.9	<i>Voice alarm condition output</i>
8.4	<i>Indication of faults related to voice alarm zones</i>
10	<i>Voice alarm manual control</i>
12	<i>Emergency microphone(s)</i>
13.14	<i>Redundant power amplifiers</i>

*Composition of the Voice alarm control and indicating equipment TOA VX-2000:*

Reference	Description	Quantity
VX-2000	system manager	1
VX-2000SF	surveillance frame	At least 1
VX-200SZ	audio signal output module with speaker line impedance surveillance	At least 1 of these 4
VX-200SZ-2	dual audio signal output module with speaker line impedance surveillance	
VX-200SP	audio signal output module with speaker line pilot tone surveillance	
VX-200SP-2	audio signal output module with end-of-line speaker line surveillance	
VX-200SI	control input unit	Optional
VX-200SO	control output unit	Optional
VP-2064	4 channel amplifier, 4x45 W	At least 1 of these 4
VP-2122	2 channel amplifier, 2x90 W	
VP-2241	1 channel amplifier, 180 W	
VP-2421	1 channel amplifier, 320 W	
VP-200VX	amplifier input module	At least 1 for VP-2064, VP-2122, VP-2241 and VP2241
VP-200VX-BGM	amplifier input module with BGM input	Optional, instead of VP-200VX
VX-200XI	audio input module with control input	Optional
VX200XR	remote microphone input module	At least 1
RM-200XF	fireman (emergency) microphone	Optional
RM-200X	desktop remote microphone	At least 1
RM-210	button expansion for microphones	Optional
VX-200SE	equalizer card	Optional
EV-200M	voice announcement board	At least 1
VX-2000DS	power manager	At least 1
VX-2000PF	power supply frame for 3 VX-200PS	At least 1
VX-200PS	power supply unit	At least 1
Panasonic LC-X1265	battery, 12V, 65 Ah	At least 2
CR-15/22/27/35/40/44	cabinet rack	At least 1

Brussels, the 30<sup>th</sup> of March, 2011

  
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