



# EVPU®

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0501

In compliance with the Regulation 305/2011/EU 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

**Voice alarm control and indicating equipment  
GLOBALCOM® 5400 Series**

For specifications see Annex

produced by

**Innovative Electronic Designs, LLC  
9701 Taylorsville Road, Louisville, KY 40299, USA**

and produced in the manufacturing plant

**Innovative Electronic Designs, LLC  
9701 Taylorsville Road, Louisville, KY 40299, USA  
MediasPro Medientechnik GmbH  
Forstrasse 21a, 954 88 Eckersdorf, Germany**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

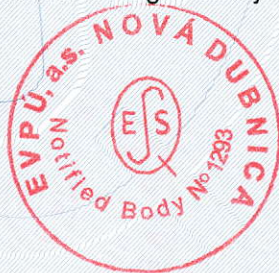
**EN 54-16: 2008**

under system 1 are applied and that

**the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on September 09<sup>th</sup>, 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Nová Dubnica, September 09<sup>th</sup>, 2015



Marek H u d á k  
Director NB

The   
**1293**  
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Marking may only be used if conformity with all relevant and effective Directives of EP and Council is attested.



**Annex to Certificate No. 1293 - CPR – 0501 from September 09<sup>th</sup>, 2015**

**Technical Specifications:**

Standard Power: 230V~/400V~, 50Hz  
Backup battery: 24VDC

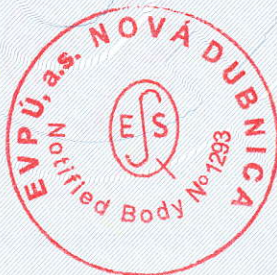
**Voice alarm control and indicating equipment consisted of one or more of the following components:**

- IED5400ACS (Announcement Controller)
- IED5404DZM (4-Channel Digital Zone Manager)
- IED5432DZM (32-Channel Digital Zone Manager)
- IED5450CS-G (touch screen mic station for gooseneck)
- IED5450CS-H (touch screen mic station for handheld)
- IED5416CS-G (16-button mic station for gooseneck)
- IED5416CS-H (16-button mic station for handheld)
- IED5400G-EN (gooseneck microphone)
- IED501HH (hand-held microphone w/ magnet)
- IED5411EOL (high power end of line module)
- IED5410EOL (low power end of line module)
- IED1516LI (logic input module)
- IED1516LI-E (logic input module expansion)
- IED1522LR (logic input/relay module)
- ZDSO400-DR4 (power supply with battery charger)
- ZDSO400-DR2 (backup power supply with battery charger)
- backup battery
- 5434AMP (power amplifier 4ch x 300 W)
- 5414AMP (power amplifier 4ch x 100 W)
- 5454AMP (backup power amplifier 4ch x 500 W)

**List of optional functions with requirements included in the VACIE**

**EN 54-16**

- |       |  |
|-------|--|
| 7.4   | Delays to entering the voice alarm condition                     |
| 7.5   | Phased evacuation  |
| 7.6.2 | Manual silencing of the voice alarm condition                    |
| 7.7.2 | Manual reset of the voice alarm condition                        |
| 7.9   | Voice alarm condition output                                     |
| 8.3   | Indication of faults related to the transmission path to the CIE |
| 8.4   | Indication of faults related to voice alarm zones                |
| 9     | Disablement condition  |
| 10    | Voice alarm manual control                                       |
| 11    | Interface to external control device(s)                          |
| 12    | Emergency microphone(s)  |
| 13.14 | Redundant power amplifiers                                       |





Annex to Certificate No. 1293 - CPR – 0501 from September 09<sup>th</sup>, 2015

**Products parameters:**

Essential characteristics	Test specification	Harmonised technical specifications	Performance
Performance under fire conditions	cl. 4, 5, 7, 10, 12, 16.5 to 16.7	EN 54-16:2008	P
Response delay (response time to fire)	cl. 7.1, 7.4, 12	EN 54-16:2008	P
Operational reliability	cl. 4 to 9, 11 to 14	EN 54-16:2008	P
Durability of operational reliability and response delay: temperature resistance	cl. 16.4, 16.8	EN 54-16:2008	P
Durability of operational reliability: vibration resistance	cl. 16.11 to 16.13	EN 54-16:2008	P
Durability of operational reliability: electrical stability	cl. 16.14, 16.15	EN 54-16:2008	P
Durability of operational reliability: humidity resistance	cl. 16.9, 16.10	EN 54-16:2008	P

Nová Dubnica, September 09<sup>th</sup>, 2015



Marek H u d á k  
Director NB

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