Certificate of
constancy of performance
0560-CPR-182190006
Issue: 02

Issued	11-04-2025	**Replaces**	0560-CPR-182190006 / 01
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In compliance with 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:

Product description:	PFL VACIE
Trademark:	PFL VACIE
Type designation:	EN54-16 VACIE
Serial No:	1
Hardware / Software:	1.3 / 1.3
Conditions and essential characteristics:	See Annex 1
Variants:	See Annex 1

placed on the market under the name or trademark of:

Name of the manufacturer:	Pava Facilities Ltd.
Address:	44 Mount Ephraim
City:	TN4 8AU Tunbridge Wells
Country:	GB

and produced in the manufacturing plant(s):

Manufacturing plant:	Pava Facilities Ltd.
Address:	44 Mount Ephraim
City:	TN4 8AU Tunbridge Wells
Country:	GB

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

EN 54-16:2008

under system 1 for the performances 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 07-02-2020 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Ron Scheepers
Managing director

Remarks and observations

The following conditions are applicable:

The PFL VACIE is compliant to the EN 54-16:2008 when the equipment is installed in one or more standard 19-inch rack(s) to the following specification:

1. Lockable front door (to provide access level 2)
2. Multiple cabinets must be connected together using cabling types and topology approved by the relevant voice alarm code of practice
3. The rack must be protected to IP30 as specified in EN 60529:1991+A1:2000 The rack cabinet must be of heavy-duty construction with a fully welded rack frame.
4. The cabinet must comply with mechanical dimensions as specified in EN 60297-3-100

Presence of the AMX NX3200 (which is non-VACIE equipment) within the rack during testing showed that it does not harm the operation of the VACIE and therefore it can be used for non-emergency functions.

Essential characteristics of EN 54-16:	Clauses:	Performance
Performance under fire condition	4, 5, 7, 10, 12, 16.5, 16.6, 16.7	Pass
Response delay (response time to fires)	7.1, 7.4, 7.8, 12	Pass
Operational reliability	4, 5, 6, 7, 8, 11, 12, 13, 14	Pass
Durability of operational reliability temperature resistance	16.4, 16.8	Pass
Durability of operational reliability Impact and vibration resistance	16.11, 16.12, 16.13	Pass
Durability of operational reliability electrical stability	16.14, 16.15	Pass
Durability of operational reliability humidity resistance	16.9 ,16.10	Pass

Implemented optional functions with requirements (per clause of EN 54-16):
7.3 Audible warning
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
8.4 Indication of fault related to voice alarm zones
10 Voice alarm manual control
11 Interface to external control device(s)
12 Emergency microphone(s)

The product as described in this certificate includes the following type designations

- Product description:	PFL VACIE
- Trademark:	PFL VACIE
- Type designation:	EN54-16 VACIE
- Hardware version:	1.3
- Software version:	1.3
- Serial number:	1

- Product description: MediaMatrix NION N6
- Trademark: Peavey Electronics
- Type designation: Audio Processor
- Hardware version: F
- Software version: 2.0.1 VACIE-1

- Product description: MediaMatrix NION N3
- Trademark: Peavey Electronics
- Type designation: Audio Processor
- Hardware version: F
- Software version: 2.0.1 VACIE-1

- Product description: MediaMatrix NION NX
- Trademark: Peavey Electronics
- Type designation: Audio Processor
- Hardware version: F
- Software version: 2.0.1 VACIE-1

- Product description: MediaMatrix nCIE Pilot
- Trademark: Peavey Electronics
- Type designation: Control Processor
- Hardware version: F
- Software version: 2.0.1 VACIE-1

- Product description: Luminex GigaCore 26i
- Trademark: Luminex
- Type designation: Network switch
- Hardware version: rev006
- Software version: 2.6.1

- Product description: Luminex GigaCore 26i PoE
- Trademark: Luminex
- Type designation: Network switch
- Hardware version: rev006
- Software version: 2.6.1

- Product description: BSS BLU-806
- Trademark: Harman
- Type designation: Audio Processor
- Hardware version: A.11
- Software version: 86.04.2

- Product description: BSS BLU-326
- Trademark: Harman
- Type designation: Audio Processor
- Hardware version: A.6
- Software version: 86.04.2

- Product description: BSS BLU-160
- Trademark: Harman
- Type designation: Audio Processor
- Hardware version: A.11
- Software version: 86.04.2

- Product description: BSS BLU-120
- Trademark: Harman
- Type designation: Audio Processor
- Hardware version: A.6

- Software version: 86.04.2

- Product description: BSS BLU-GPX
- Trademark: Harman
- Type designation: Control Processor
- Hardware version: A.11
- Software version: 86.04.2

- Product description: BSS BLU-DAN
- Trademark: Harman
- Type designation: Converter
- Hardware version: A.12
- Software version: 86.04.2

- Product description: Crown DCi 4|1250 DA
- Trademark: Harman
- Type designation: Amplifier
- Hardware version: B.2
- Software version: 1.0.2.19

- Product description: Crown DCi 8|600 DA
- Trademark: Harman
- Type designation: Amplifier
- Hardware version: B.2
- Software version: 1.0.2.19

- Product description: Crown DCi 8|300 DA
- Trademark: Harman
- Type designation: Amplifier
- Hardware version: A.3
- Software version: 1.0.2.19

- Product description: Crown DCi 4|600N
- Trademark: Harman
- Type designation: Amplifier
- Hardware version: A.3
- Software version: 1.0.3.1

- Product description: Crown DCi 4|300N
- Trademark: Harman
- Type designation: Amplifier
- Hardware version: A.3
- Software version: 1.0.3.1

- Product description: Crown DCi 2|600N
- Trademark: Harman
- Type designation: Amplifier
- Hardware version: A.3
- Software version: 1.0.3.1

- Product description: Crown DCi 2|300N
- Trademark: Harman
- Type designation: Amplifier
- Hardware version: A.3
- Software version: 1.0.3.1

- Product description: Powersoft Ottocanali 12K4 DSP+D
- Trademark: Powersoft

- Type designation: Amplifier
- Hardware version: PF000338
- Software version: 1.11

- Product description: Powersoft Ottocanali 8K4 DSP+D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF000339
- Software version: 1.11

- Product description: Powersoft Ottocanali 4K4 DSP+D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF000340
- Software version: 1.11

- Product description: Powersoft Ottocanali 12K4 DSP+ETH
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF000308
- Software version: 1.11

- Product description: Powersoft Ottocanali 8K4 DSP+ETH
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF000309
- Software version: 1.11

- Product description: Powersoft Ottocanali 4K4 DSP+ETH
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF000310
- Software version: 1.11

- Product description: Powersoft Quattrocanali 4804 DSP+D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF00H465
- Software version: 1.11

- Product description: Powersoft Quattrocanali 2404 DSP+D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF00H464
- Software version: 1.11

- Product description: Powersoft Quattrocanali 1204 DSP+D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF00H463
- Software version: 1.11

- Product description: Powersoft Duecanali 1604 DSP+D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF00H467
- Software version: 1.11

- Product description: Powersoft Duecanali 804 DSP+D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF00H460
- Software version: 1.11

- Product description: Powersoft X8D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF000301
- Software version: 1.11

- Product description: Powersoft X4D
- Trademark: Powersoft
- Type designation: Amplifier
- Hardware version: PF000317
- Software version: 1.11

- Product description: Front indication panel
- Trademark: PAVA facilities
- Type designation: Indication panel
- Hardware version: 1.0
- Software version: n/a

- Product description: Rack indication panel
- Trademark: PAVA facilities
- Type designation: Indication panel
- Hardware version: 1.0
- Software version: n/a

- Product description: Emergency microphone
- Trademark: PAVA facilities
- Type designation: Microphone
- Hardware version: 1.1
- Software version: n/a

- Product description: EDAM 5060
- Trademark: Inlog
- Type designation: Controller
- Hardware version: 5050 1.0
- Software version: n/a

- Product description: LEA Connect 704D
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10053-4
- Software version: 3.0.0.2

- Product description: LEA Connect 702D
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4
- Software version: 3.0.0.2

- Product description: LEA Connect 354D
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4

- Software version: 3.0.0.2

- Product description: LEA Connect 352D
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4
- Software version: 3.0.0.2

- Product description: LEA Connect 704
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4
- Software version: 3.0.0.2

- Product description: LEA Connect 702
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4
- Software version: 3.0.0.2

- Product description: LEA Connect 354
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4
- Software version: 3.0.0.2

- Product description: LEA Connect 352
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4
- Software version: 3.0.0.2

- Product description: LEA Connect 1504D
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4
- Software version: 3.0.0.2

- Product description: LEA Connect 1504
- Trademark: LEA Professional
- Type designation: Amplifier
- Hardware version: 10052-4
- Software version: 3.0.0.2

- Product description: d&b 10D
- Trademark: d&b
- Type designation: Amplifier
- Hardware version: 11
- Software version: 2.28

- Product description: d&b 30D
- Trademark: d&b
- Type designation: Amplifier
- Hardware version: 11
- Software version: 2.28

- Product description: d&b D80
- Trademark: d&b

- Type designation: Amplifier
- Hardware version: 37
- Software version: 2.28

- Product description: d&b DS10
- Trademark: d&b
- Type designation: Audio Interface
- Hardware version: 08
- Software version: 2.0.2

- Product description: d&b D20
- Trademark: d&b
- Type designation: Amplifier
- Hardware version: 11
- Software version: 2.28

- Product description: Bose PSX-4804D
- Trademark: Bose Professional
- Type designation: Amplifier
- Hardware version: PF00H465
- Software version: 1.11

- Product description: Bose PSX-1204D
- Trademark: Bose Professional
- Type designation: Amplifier
- Hardware version: PF00H463
- Software version: 1.11

- Product description: Bose PSX-2404D
- Trademark: Bose Professional
- Type designation: Amplifier
- Hardware version: PF00H464
- Software version: 1.11

- Product description: Biamp/Community ALC-404D
- Trademark: Biamp/Community
- Type designation: Amplifier
- Hardware version: PF00H463
- Software version: 1.11

- Product description: Biamp/Community ALC-1604D
- Trademark: Biamp/Community
- Type designation: Amplifier
- Hardware version: PF00H464
- Software version: 1.11