


Hacousto Holland bv Industrieweg 87 2651BC Berkel & Rodenrijs		
OD 16.44 LDB-05 DoC	Author:	AJH

Rev.	Date	Nature of Changes	Approved By
6	29-06-2021	Update LDB version to 05	AJH
7	06-07-2021	Update EMC directives	AJH
8	07-07-2021	Update text	AJH

EU Declaration of Conformity

We:

Manufacturer	Hacousto Holland bv
Postal address	Industrieweg 87
Zip code	2651 BC
City	Berkel en Rodenrijs
Telephone number	+31-10-5115000
E-Mail address	albert.vanderhout@hacousto.com

Declare that the DoC is issued under our sole responsibility and belongs to the following product:

Apparatus product / model	Loop Drive Booster (LDB)
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Object of the declaration:

The Loop Drive Booster (LDB) is the heart of the Loopdrive system. This device drives up to 200 FIM's over a dual-core cable. A single LDB can pass 800 W of audio signal from an amplifier and injects at the same time DC to the loop for powering and managing FIM modules. One amplifier channel can be split into multiple LDB in parallel, creating multi-loop with individual surveillance for multi-zone paging applications.

The housing clicks on a DIN-rail that provides DC-power and accommodate for the RS485 data connection and General-Fault contact to a maximum of 32-LDB's on a single DIN-rail. Front buttons and indicators allow for quick access to the various functions and indications of the Loopdrive system.

**The object of declaration described above is in conformity with relevant Union harmonisation legislation:**

2014/30/EU	EMC Directive
2014/35/EU	Low Voltage Directive (LVD)
2011/65/EU	RoHS

Title, Date of standard/specification:

EN62368-1:2014, EN62368-1:2014/AC:2015	Audio, video and similar electronic apparatus
EN 55032:2015, EN 55032:2015/A11:2020	Electromagnetic compatibility Immunity
EN 61000-6-3:2007, EN 61000-6-3:2007/A1:2011/AC:2012, EN 61000-6-3:2007/A1:201	Electromagnetic compatibility (EMC)
EN 61000-6-4:2007, EN 61000-6-4:2007/A1:2011	Electromagnetic compatibility (EMC)
EN55032:2015 + A1:2020	Electromagnetic compatibility (EMC)
EN55035:2017 + A11:2020	Electromagnetic compatibility (EMC)
EN 62479:2010	EMF
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Document reference number:

LDB-05 datasheet

Signed for and on behalf of:

Berkel en Rodenrijs	07/07-2021	A.J. van der Hout, BU manager Hacousto Holland bv (4EVAC)
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