



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60565:2007**

ICS 17.140.50

**UNDERWATER ACOUSTICS -  
HYDROPHONES - CALIBRATION IN THE  
FREQUENCY RANGE 0,01 HZ TO 1 MHZ  
(IEC 60565:2006 (EQV))**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60565**

January 2007

ICS 17.140.50

English version

**Underwater acoustics -  
Hydrophones -  
Calibration in the frequency range 0,01 Hz to 1 MHz  
(IEC 60565:2006)**

Acoustique sous-marine -  
Hydrophones -  
Etalonnage dans la bande de fréquences  
de 0,01 Hz à 1 MHz  
(CEI 60565:2006)

Wasserschall -  
Hydrophone -  
Kalibrierung im Frequenzbereich  
von 0,01 Hz bis 1 MHz  
(IEC 60565:2006)

This European Standard was approved by CENELEC on 2006-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 87/357/FDIS, future edition 2 of IEC 60565, prepared by IEC TC 87, Ultrasonics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60565 on 2006-12-01.

The following dates were fixed:

- |  |       |            |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2007-09-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 2009-12-01 |

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60565:2006 was approved by CENELEC as a European Standard without any modification.

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## **Annex ZA**

(normative)

### **Normative references to international publications with their corresponding European publications**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u>     | <u>Title</u>  | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-----------------|---|--------------|-------------|
| IEC 60050-801      | - <sup>1)</sup> | International Electrotechnical Vocabulary (IEV)<br>Chapter 801: Acoustics and electroacoustics        | -            | -           |
| IEC 60500          | 1974            | IEC standard hydrophone   | -            | -           |
| IEC 60866          | 1987            | Characteristics and calibration of hydrophones for operation in the frequency range 0,5 MHz to 15 MHz | -            | -           |

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<sup>1)</sup> Undated reference.



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