



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61094-2:1994**

ICS 33.160.50

**MEASUREMENT MICROPHONES.**

**PART 2: PRIMARY METHOD FOR PRESSURE**

**CALIBRATION OF LABORATORY STANDARD**

**MICROPHONES BY THE RECIPROCITY**

**TECHNIQUE (IEC 1094-2:1992)**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nsai.ie>

**Sales**  
<http://www.standards.ie>

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland and comes into  
effect on:*

*September 30, 1994*

**NO COPYING WITHOUT NSAI  
PERMISSION EXCEPT AS  
PERMITTED BY COPYRIGHT  
LAW**

© NSAI 1994

**Price Code L**

Údarás um Chaighdeáin Náisiúnta na hÉireann



**DECLARATION**  
  
**OF**  
  
**SPECIFICATION**  
  
**ENTITLED**  
  
**MEASUREMENT MICROPHONES. PART 2: PRIMARY METHOD FOR PRESSURE**  
**CALIBRATION OF LABORATORY STANDARD MICROPHONES BY THE RECIPROCITY**  
**TECHNIQUE (IEC 1094-2:1992)**  
  
**AS**  
  
**THE IRISH STANDARD SPECIFICATION FOR**  
**MEASUREMENT MICROPHONES. PART 2: PRIMARY METHOD FOR PRESSURE**  
**CALIBRATION OF LABORATORY STANDARD MICROPHONES BY THE RECIPROCITY**  
**TECHNIQUE (IEC 1094-2:1992)**

---

Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Measurement Microphones. Part 2: Primary Method for Pressure Calibration of Laboratory Standard Microphones by the Reciprocity Technique (IEC 1094-2:1992)) Declaration, 1994.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Measurement Microphones. Part 2: Primary Method for Pressure Calibration of Laboratory Standard Microphones by the Reciprocity Technique (IEC 1094-2:1992). The Schedule comprises the text of EN 61094-2 : 1994.  
  
(2) The said standard specification may be cited as Irish Standard/EN 61094-2:1994 or as I.S./EN 61094-2:1994.



EUROPEAN STANDARD

EN 61094-2

NORME EUROPEENNE

EUROPÄISCHE NORM

December 1993

UDC 621.395.61:621.317.08:534.86:534.6.08

Descriptors: Electroacoustics, microphones, condenser microphones, calibration, acoustic pressure, acoustic measurement, sensitivity

ENGLISH VERSION

Measurement microphones

Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique

(IEC 1094-2:1992)

Microphones de mesure

Partie 2: Méthode primaire pour l'étalonnage en pression des microphones étalons de laboratoire par la méthode de réciprocité

(CEI 1094-2:1992)

Meßmikrofone

Teil 2: Primärverfahren zur Druckkammer-Kalibrierung von Laboratorium-Normalmikrofonen nach der Reziprozitätsmethode

(IEC 1094-2:1992)

This European Standard was approved by CENELEC on 1993-09-22.

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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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 CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 1094-2:1992 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 61094-2 on 22 September 1993.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1994-09-01
- latest date of withdrawal of conflicting national standards (dow) 1994-09-01

Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given only for information. In this standard, annexes A, B and ZA are normative and annexes C, D, E and F are informative.

### ENDORSEMENT NOTICE

The text of the International Standard IEC 1094-2:1992 was approved by CENELEC as a European Standard without any modification.

-----

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- Looking for additional Standards? Visit Intertek Inform Infostore
  - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-