

International Telecommunication Union

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**P.57**

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SERIES P: TERMINALS AND SUBJECTIVE AND  
OBJECTIVE ASSESSMENT METHODS

Objective measuring apparatus

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**Artificial ears**

Recommendation ITU-T P.57



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## Recommendation ITU-T P.57

### Artificial ears

#### Summary

Recommendation ITU-T P.57 specifies the electro-acoustical characteristics of artificial ears to be used for telephometric measurements. Three devices are specified: a telephone band type for measurements on traditional telephone sets, an insert earphone type and a type faithfully reproducing the characteristics of the human ear.

The latter type (type 3) is specified in four configurations. The requirements of the third one (type 3.3 – Pinna simulator) have been slightly modified in this revision of Recommendation ITU-T P.57 by specifying its construction by a softer elastomer.

Besides this, the description of the applicability of all couplers has been changed, now allowing for an overlap in their usability according to the receiver type under test.

#### History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T P.57	1993-03-12	XII
2.0	ITU-T P.57	1996-08-30	12
3.0	ITU-T P.57	2002-07-14	12
3.1	ITU-T P.57 (2002) Cor. 1	2005-01-27	12
4.0	ITU-T P.57	2005-11-29	12
5.0	ITU-T P.57	2009-04-29	12
6.0	ITU-T P.57	2011-12-14	12