

Necessary content of Technical Documentation

Simple set-top boxes

Simple set-top boxes are covered by ecodesign requirements according to Regulation (EC) No 107/2009.

The requirements only apply to simple set-top boxes as described in Article 1 and 2 of the Regulation.

The documentation shall be produced before the simple set-top box is placed on the market.

The technical documentation shall be sufficient to enable assessment of the conformity of the simple set-top box with the requirements. In this respect it is important that test reports are included in the technical documentation.

Technical documentation for simple set-top boxes	
Demands	How to comply
Name and address of supplier	Company name and complete address.
General description	Description of the model so that it is easily identified (model name and number, size etc.).
List of applied standards	Applied measurement standards (harmonised standards and/or other standards).
Identification and signature of the person empowered to bind the supplier	Name and signature of the person responsible for the product.
Power consumption, information about test conditions, etc.	<p>For standby and active modes</p> <ul style="list-style-type: none"> The power consumption data in Watt including consumption data for the different additional functions and/or components* The measurement method used Period of measurement Describe how the appliance mode was selected or programmed State the sequence of events to reach the mode where the equipment automatically changes modes Any notes regarding the operation of the equipment <p>Test parameters for measurements</p> <ul style="list-style-type: none"> Ambient temperature Test voltage in V and frequency in Hz Total harmonic distortion (THD) of the electricity supply system The fluctuation of the power supply voltage during the tests Information and documentation on the instrumentation, set-up and circuits used for electrical testing Input signals in RF (for digital terrestrial broadcasts) or IF (for satellite broadcasts) Audio/ video test signals as described in the MPEG-2 transport stream Adjustment of controls

Power consumption shall comply with the requirement described in the Regulation Annex I point 2.

COMMISSION REGULATION (EC) No 107/2009 of 4 February 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for simple set-top boxes

* Rounded to the second decimal place, e.g. XXX.W.

This guide presents the contents of the Regulation and is addressed to manufacturers, importers and others interested. The guide is not a substitution for the Regulation, and in any case of doubt, the Regulation is applicable. This guide is not legally binding as a binding interpretation can only be made by the EU court.