



PRODUCT COMPLIANCE REPORT

Electronics (General)

Overview

Product Name	Wireless Headset
Company Name	ABC LTD
Country/Market	EU
Date	2021-03-26

Product Information

Selected Category: Electronics (General)

Is this product designed for children?: No

Is the input voltage to the product/AC adapter 50-1000 V AC or 75-1500 V DC?: No

Does this product contain batteries?: Yes

Is this product WiFi, Bluetooth, LTE, 5G and/or GPS enabled?: Yes

Is this an electrical appliance or lighting product?: No

Is product packaging included?: Yes

Is the packaging material made of wood or include wooden pallets?: No

Are you selling cross-border (B2C) to consumers in the EU?: No

Important Information

Disclaimer: The content in the PDF report is provided for general information purposes only. The content includes summaries written by our team members based on publicly available information about product safety standards, labeling, documentation, testing, processes, and other product compliance related topics. However, we don't guarantee that we cover every single relevant regulation/standard/requirement, or that the information is free from errors, or covering every single input option, scenario, and exemption. We do make mistakes from time to time. We never provide legal advice of any sort.

Input Options: The report is generated based on your inputs. This is how the information in the report is structured:

a. a. Country/Market: Generates compliance requirements are broadly relevant to products belonging to your selected product category. Note that this is a general summary and there are exceptions.

b. Product Category: Generates compliance requirements are broadly relevant to products belonging to your selected product category. Note that this is a general summary and there are exceptions.

c. Specifications: Specify materials, age group, and other options that may impact which compliance requirements apply to a certain product. These input options differ depending on the selected product category. Keep in mind that we never guarantee that we cover every single input option that may be relevant to all products that fall within the scope of each product category.

Changes/Updates: Product standards and substance restrictions are subject to frequent updates and changes. In addition, new regulations, standards, and/or requirements may also become effective at any time. We don't update the tool databank whenever new standards/regulations/rules are added or changed. We recommend that you consult a lab testing company or other professional to get the latest information about mandatory standards/regulations in your market, country, or state. Lab testing companies generally stay up to date on new and updated standards and regulations. You must also follow the links under [Learn more](#).

National/State-Level Standards/Regulations: The report doesn't cover all European national and US state standards, regulations, and requirements. We recommend that you consult a testing company or other professional to confirm all relevant (and current) national/state-level standards and regulations.

Sources: We link to official website sources in this report under **Learn more**, where you must go to find additional information about each topic.

Technical problems: The tool could malfunction as a result of programming bugs, hacking or other software interfering with the product compliance information tool. This can in turn result in the report missing information or containing for other reasons incorrect information. We test the tool on a monthly basis, but cannot guarantee that this will never happen.

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Product Category

These compliance requirements are broadly relevant to products belonging to your selected product category. Note that this is a general summary and there are exceptions.

EMC Directive

Product Category: **Electronics (General)**

The Electromagnetic Compatibility (EMC) Directive is applicable to most electrical and electronic products. The purpose is to ensure that electrical and electronic equipment doesn't interfere with other devices, and signals, in its proximity.

Learn More

Electromagnetic compatibility (EMC) ([Link](#))

RoHS

Product Category: **Electronics (General)**

The RoHS (Restriction of Hazardous Substances) Directive limits certain heavy metals and chemicals in electrical and electronic products. The restricted substances are listed below:

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd)
- Hexavalent chromium (Cr6+)
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ether (PBDE)
- Bis(2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)

These restricted substances are found in a variety of materials and products such as solder, paint, batteries, and metallic parts. Note that additional substances may be added.

Learn More

1. The RoHS Directive ([Link](#))
2. Restriction of Hazardous Substances in Electrical and Electronic Equipment ([Link](#))

CE Marking

Product Category: **Electronics (General)**



Products covered by certain directives and regulations must also be CE marked. Notice that CE marking also covers documentation requirements.

Learn More

1. CE marking ([Link](#))
2. When is CE marking mandatory? ([Link](#))

Declaration of Conformity (DoC)

The Declaration of Conformity is a document issued by either the importer or the manufacturer, which may include the following information:

- Produce identification/SKU
- Product features
- Name and address of the manufacturer/importer
- List of EN standards and directives
- Location
- Responsible individual

Learn More

Technical documentation and EU declaration of conformity ([Link](#))

Technical File

In addition, you must also create a technical file, which shall include all relevant design, material, labels, packaging, and other files. These documents may be included:

- Bill of materials
- Design drawings
- Label files
- Packaging files
- List of applied standards and directives (e.g. RoHS)
- Test reports
- QC reports
- Risk assessment

Learn More

Technical documentation and EU declaration of conformity ([Link](#))

User Manual

You must include a user manual covering installation, usage, safety instructions, recharge/refill, parts overview, and disposal.

Learn More

Technical documentation and EU declaration of conformity ([Link](#))

Lab Testing

Lab testing is required to verify that your product is compliant with all requirements in the applicable directives and standards.

Notified Body

Some products must also be reviewed by a Notified Body before you can import or sell the product.

Learn More

Notified bodies ([Link](#))

WEEE Label

Product Category: **Electronics (General)**



The WEEE symbol is mandatory for electrical and electronic products sold in the EU. The purpose of the WEEE symbol is to signal that the product must be sent to a separate collection facility for recycling.

Placement

- Product
- Packaging
- User manual
- Warranty card (if any)

Learn More

WEEE Label ([Link](#))



Specifications

This part of the report is a general summary of product compliance requirements generated based on your selected inputs on the specifications page.

Battery Directive

Does this product contain batteries? **Yes**

The Battery Directive covers both heavy metals restrictions (e.g. mercury and cadmium) and labeling requirements. In addition, the scope of the Battery Directive also includes collection and recycling procedures.

Learn More

Batteries & accumulators ([Link](#))

Battery Safety Standards

Safety testing according to EU battery safety standards is necessary if your product contains lithium batteries, and other types of batteries. Here are some examples:

- IEC/EN 62133
- IEC/EN 60086-4

Learn More

Lithium Ion Battery Testing ([Link](#))

Lithium Batteries: UN 38.3

UN 38.3 covers safety, export packaging, and documentation requirements for the transportation of lithium batteries and devices containing lithium batteries. Failing to provide the necessary documentation (e.g. lab test reports) and correctly pack the lithium batteries or devices can result in the shipment being rejected.

Standard Examples

- a. UN 3090: Lithium metal batteries
- b. UN 3480: Lithium-ion batteries
- c. UN 3091: Lithium metal batteries contained, or packed with equipment
- d. UN 3481: Lithium-ion batteries contained, or packed with equipment

General Documentation

- Shipper declaration
- UN 38.3
- Safety Data Sheet (SDS)*

*May be required by freight forwarders

Packaging

1. Lithium batteries and devices must be separated inside the cartons (see page 11 in the source)
2. Lithium battery mark must be placed on the cartons (see page 12 and 13 in the source)

Learn More: Transport of Lithium Metal and Lithium Ion Batteries ([Link](#))

Radio Equipment Directive (RED)

Is this product WiFi, Bluetooth, LTE, 5G and/or GPS enabled? Yes

Most radio-enabled devices fall within the scope of the Radio Equipment Directive (RED). This includes Wi-Fi, RFID, Bluetooth, 3G, LTE, and 5G enabled devices.

Note: The safety requirements in the Radio Equipment Directive (RED) also covers those in the EMC Directive and the Low Voltage Directive. Note that these regulations are also covered in this report.

Learn More: Radio Equipment Directive (RED) ([Link](#))

Directive 94/62/EC: Packaging & Packaging Waste

Is product packaging included? Yes

Importers and manufacturers must ensure that the packaging materials are compliant. Below follows a brief summary of packaging materials and waste requirements in the European Union.

Heavy Metals Restrictions

Directive 94/62/EC limits heavy metals, including lead, mercury, and cadmium in packaging materials, printing inks, and dyes.

Packaging Design

Packaging design and material should enable and simplify the collection, reuse, and material recycling.

Learn More: Packaging and Packaging Waste ([Link](#))

IMPORTANT

Scope: This report only covers packaging materials for general consumer products. For example, it does not apply to food packaging, chemicals, household products, or pharmaceuticals.

Labeling Requirements: Note that additional packaging labeling requirements may apply depending on the product, materials, and/or age group. Here are some examples:

- CE mark
- WEEE mark
- FCM symbol
- Energy label
- Recycling symbols
- Traceability information



Country/Market

These compliance requirements broadly apply to consumer products in your selected country or market. Note that this is a general summary and there are exceptions.

REACH

Market: **European Union**

REACH restricts chemicals, heavy metals, and pollutants in all consumer products sold in the European Union. Products and materials containing excessive amounts of restricted substances are non-compliant.

Examples

- Phthalates
- Arsenic chloride
- Nickel
- Lead
- Cadmium
- Mercury

Annex XVII

Annex XVII lists restricted substances. Any product containing listed substances above the set limits are illegal to import and sell to the EU.

Substances of Very High Concern (SVHC)

1. Under the Waste Framework Directive (WFD), SCIP database registration is mandatory if your products contain more than 0.1% of any substance listed on the SVHC candidate list.
2. You may also need to inform consumers.

Persistent Organic Pollutant (POP) Regulation

Persistent Organic Pollutants (POP) include certain types of pesticides, industrial chemicals, by-products, degradations, or combustions. While not part of REACH, POP restrictions are covered by Regulation (EU) 2019/1021.

Lab Testing

1. Third-party lab testing generally is required to verify if a certain product/material is REACH compliant. Lab testing should include Annex XVII listed substances, POPs, and SVHC candidate listed substances.
2. Further, testing companies also keep track of relevant substance restrictions (including limits) and assess which substances to include in the testing procedures. As such, you don't need to keep track of the current list of restricted substances or their respective limits.

Learn More

1. REACH ([Link](#))
2. Importer ([Link](#))
3. Substances restricted under REACH ([Link](#))
4. SCIP Database ([Link](#))

5. Understanding POPs ([Link](#))

General Product Safety Directive (GPSD)

Market: **European Union**

The purpose of the General Product Safety Directive (GPSD) is to ensure that consumer products sold in the EU are safe. The GPSD references safety standards and testing standards for a wide range of products. That said, the GPSD requires that all consumer products are generally safe - even if no specific standards are in existence.

GPSD compliance is based on self-assessment. In practice, this means that importers need to assess product safety and risks and ensure that the product design is not flawed or poses a risk to consumers (including children) using the product.

Learn More

General product safety ([Link](#))

Manufacturer/Importer Information

Market: **European Union**

Manufacturer/Importer information on the product and packaging is required for many products in the EU. Here is some information that you may need to include:

- Brand/Trademark
- SKU/Product ID
- EU company name
- EU company address
- EU company contact details (e.g. email and phone number)

Batch ID/Traceability Number

Market: **European Union**

Batch IDs are used to help trace products to certain production runs (batches) in case of quality or safety issues arise. Batch IDs are often mandatory and may include the following information:

- SKU/Product ID
- Order/Manufacturing date
- Production Facility
- Country

Example

- SKU: ABC01
- Production Location: Shenzhen, China
- Production Date: June 2020

Batch Number: ABC01-062020-SZ1-CN

National Regulations/Standards

Market: **European Union**

Product regulations are largely harmonized among European Union member states. For example, the CE mark is accepted in all EU member states. That said, some national regulations/standards are applied to certain products. Here are some examples:

- LFGB (Germany)
- DIN 4102-1 (Germany)
- M1 (France)

We recommend that you also consult a third-party lab testing company in the same EU member state in which you intend to import, manufacture, or sell your product.

Learn More

National contact points ([Link](#))

Language Requirements

Market: **European Union**

Product labels (e.g. warning labels) and compliance documents (e.g. user instructions and DoC) are generally required to be written in the national member state language in which the product is imported, manufactured, or distributed.

1. The EU blue guide states that the compliance documents and labels must be presented in a language that can be understood by the consumer.

Note: Many companies opt to have their labels and compliance documents translated to the national languages in their primary markets within the EU.

2. Market surveillance authorities can request businesses in other EU member states to provide labels and compliance documents in the national language. This is more likely to happen in case of safety or other product compliance-related issues.

3. Market surveillance authorities can also choose to accept labels and compliance documents written in a language (e.g. English) other than the national language.

Learn More

'Blue Guide' on the implementation of EU product rules ([Link](#))

Important: The PDF is saved in My Reports and can be downloaded at any time. Notice that you must log in on www.compliancegate.com/account to access the My Reports page.

Next Step:

Option A: Read Official Sources: We link to official website sources in this report under **Learn more**, where you must go to find additional information about each topic.

Option B: Request Free Lab Test Quotation: Testing companies can help you verify if your product is compliant and provide a more specific assessment of applicable regulations, standards, and substance tests for your product. Further, testing companies normally stay up to date with new or updated regulations, standards, and other requirements.

[Request a Free Lab Test Quotation](#)

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