

1. General Information

Manufacturer/Vendor	Foshan Shunde Advante EElectron Ltd.
Country of Origin	China
Product Name	Wireless door chime
Product Model	309
Product Weight	84.92g
Product Size	8.2CM*8.2CM*4.5CM
Category under the WEEE Directive	2nd (Small household appliance)



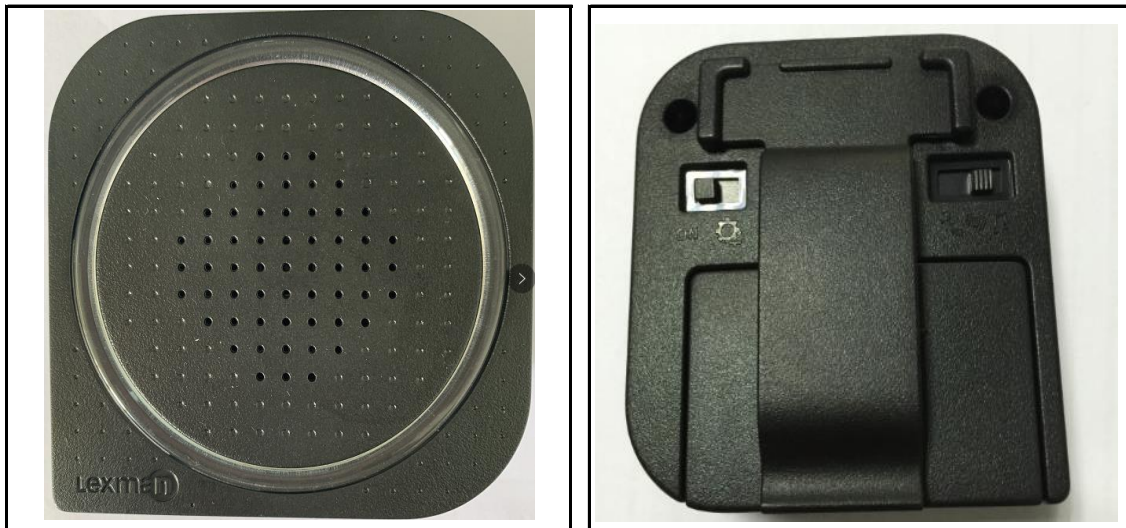
2. Result of Reuse/Recycling/Recovery Assessment

Reuse/Recycling/Recovery	Reuse/Recycling (%)	Recovery (%)
Reuse/Recycling/Recovery Targets under the 2012/19/EC WEEE Directive	50	70
Result of Assessment	88.41%	91.27%
WEEE requirement compliance	OK	OK

Advante

Fan wen bin

3. Appearance of the Product



Front

Back

4. Selective Treatment for Materials and Components

According to Articles 6(1) and the Annex II of the WEEE Directive, this product contains components and material items are described in the following table.

Component/Material	Photo No.	Size & Quantity	Weight (g)
Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres	B6 C1	26.2cm ²	14.37g

5. Disassembly Tree

				
A				
				
B1	B2	B3	B4	B5
				
B6	B7	B8	B9	B10
				
B11	B12	B13		
				
C1	C2	C3	C4	C5

6. Disassembly Procedure

The disassembly procedure taken here is in accordance with the treatment requirements under the Annex II of the WEEE Directive. In addition, to consider economic and efficiency factors, manual operation and disassembly tools have been applied to separate the components and materials from this product in order to simulate the scenario at the treatment facility, and to achieve the objective that the separated components and materials can be reused, recycled and recovered.

6.1 Connection technique:

For this product, the connection technology including as following :

Snap : 5

Glue : 5

Screw : 4

6.2 Disassembly tool:

The disassembly tools used for this product show as following :

Disassembly Tool	Pictures	Disassembly Tool	Pictures
Cross screwdriver		Side cutter pliers	

6.3 Disassembly time:

3 minutes and 04 seconds

7. Material and Recycling Information

The material and recycling information for this product is described in the following table. The reuse, recycling and recovery assessment for this product is based upon economic and efficiency considerations, and the waste treatment technologies and equipment that are most frequently available to the market.

Photo No.	Component / Material Composition		Weight (g)	Percent Weight (%)	Reuse/ Recycling (%)	Energy Recovery (%)	Recovery (%)
B6 C1	Printed circuit board,the surface is greater than 10 cm ²		14.37	16.92%	14.62%	--	14.62%
B1 B2 B4 B7 B8 B11 B13 C2	Plastic parts	ABS	54.32	63.97%	59.44%	--	59.44%
B12 C3		Other	3.96	4.66%	--	2.86%	2.86%
B3 B5 B9 C4 C5	Metal parts	Steel, copper	12.27	14.45%	14.35%	--	14.35%
Total			84.92	100.00%	88.41%	2.86%	91.27%

Note:

Due to their insignificant weight and the difficulty of their separation in a manual operation, sticker, solder, paint and printing materials are not included in this assessment. Plastic containing brominated flame retardants is not assessed in the list.

8. Recycling and Recovery Rate Calculation

Reuse Recycling & Recovery Rate using in the report are calculated as following formulas :

$$\text{Reuse \& Recycling Rate (\%)} = \frac{\text{Reuse \& Recycling Weight}}{\text{Product Total Weight}}$$

$$\text{Recovery Rate} = \frac{\text{Reuse \& Recycling Weight + Energy Recovery Weight}}{\text{Product Total Weight}} (\%)$$

Total weight of the product is including the main product and accessories.

9. ANNEX II of WEEE Directive

Selective treatment for materials and components of waste electrical and electronic equipment:

- Polychlorinated biphenyls (PCB) containing capacitors in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT) (1),
- Mercury containing components, such as switches or backlighting lamps,
- Batteries,
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres,
- Toner cartridges, liquid and pasty, as well as colour toner,
- Plastic containing brominated flame retardants,
- Asbestos waste and components which contain asbestos,
- Cathode ray tubes,
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), hydrocarbons (HC),
- Gas discharge lamps,
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimeters and all those back-lighted with gas discharge lamps,
- External electric cables,
- Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress Council Directive 67/548/EEC relating to the classification, packaging and labelling of dangerous substances ,
- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and Annex I to Council Directive 96/29/Euratom of May 1996 laying down basic safety standards for the protection of the health of workers and

general public against the dangers arising from ionising radiation

- Electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25mm or proportionately similar volume)

** The End**