

Annex B

(informative)

Declaration of product environmental attributes


Product Category

<input type="checkbox"/> PC	<input type="checkbox"/> Monitor	<input checked="" type="checkbox"/> TV	<input type="checkbox"/> VCR	<input type="checkbox"/> Mobile Phone	<input type="checkbox"/> NoteBook	<input type="checkbox"/> Camcorder	<input type="checkbox"/> Hi-fi	<input type="checkbox"/> Printer/copier	<input type="checkbox"/> Others
	<input type="checkbox"/> Monitor*	<input type="checkbox"/> TV**						<input type="checkbox"/> Printer/copier***	
	<input type="checkbox"/> Without fan								

*CRT monitors **Digital and Internet TV ***Using the electrostatic process

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1 Product Information / Description

Brand Type of Product Commercial Name Model Number Weight Dimension Supplier <Name> <Postal address> Postal code/City/Country e-mail <Contact person's name> e-mail Telephone Mobile phone Fax Internet site (URL) Additional Information	Sharp	Company Logo 
	LCD Colour TV	
	LC-37GA9E	
	LC-37GA9E	
	21,900 kg	
	<h> 72 cm x <w> 93 cm x <d> 31 cm	
	Sharp Electrónica España, S.A.	
	Pol. Ind. Can Sant Joan. C/ Sena s/n, 08174 Sant Cugat del Vallés. Spain	
	Mr. Andreu L. Hermo	
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+		
+ 34 935 819 752		
www.sharp.es		

Environmental Programme Requirements conformed by the supplier

Programme names <i>e.g. Energy Star</i> <i>e.g. TCO 03</i>	1 Energy using Products (EuP)
	2
	3

Environmental Management Systems under which the product has been developed, manufactured and / or delivered.

System names <i>e.g. ISO 14001</i> <i>e.g. EMAS</i>	1 ISO 14001
	2 EMAS
	3

Product Environmental Attributes - Legal Requirements

		Requirement met
		Yes No n.a.
4	Electromagnetic Emissions	
The product complies with the following emission requirements, listing the applicable legislation and standards referring to human exposure to electromagnetic fields for example:		
4.1	ICNIRP levels as documented in European council recommendation on the limitation of exposure of the general public to electromagnetic fields 1999/519/EC ;	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
4.2	prEN 50392 'Generic standard to demonstrate compliance of electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (0 Hz - 300 GHz)'	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
8	Batteries	
The batteries are in conformance with international, regional and national regulations, concerning:		
8.1<a>	Restrictions on hazardous substances and preparations such as defined in the 98/101/EC directive.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
8.2	Labelling requirements such as defined in the 93/86/EEC .	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
8.3<c>	Installation and removal.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
8.4<d>	Take back and recycling.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
9	Product Packaging	
The packaging is in compliance to international, regional and national regulations, concerning:		
9.2<a>	Restrictions on hazardous substances and preparations such as defined in the EU Directive 94/62/EEC (requiring that the sum of the concentration of lead, cadmium, mercury, chromium-VI does not exceed 100 ppm by weight);	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
9.3	Labelling requirements.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
9.4<c>	Take back and recycling.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
11	Product End of Life	
11.1.1 Product take back systems complies with the applicable legislations.		
Legislation names	1 Directive 2002/96	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	2	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	3	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
11.2	Disassembly	
11.2.1 Parts that have to be separately treated are declared to be separable, in compliance with international, regional and national regulations;		
Regulation names	1	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	2	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	3	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

This product meets above listed legal requirements.



Product Environmental Attributes - Market Requirements

2 Extension of Product Lifetime

2.1	The product is upgradable as follows; <i>e.g. memory up to 512 MB</i>					
	<attribute>	up to	<unit>	<attribute>	up to	<unit>
1		up to		6	up to	
2		up to		7	up to	
3		up to		8	up to	
4		up to		9	up to	
5		up to		10	up to	
2.2	The manufacturer offers spare parts availability			7	years after end of production.	
2.3	The manufacturer offers service availability			7	years after end of production.	
2.4	The manufacturer offers warranty			2	years	
	The service warranty / policy is as follows					
1	Spanish law 23/2003					
2						
3						
2.5	Restrictions for spare parts and service availability are as follows (if they are restricted);					
1	Electronic parts: spare parts availability is 7 years years after end of production.					
2	Mechanical parts: spare parts availability is 5 years years after end of production.					
3	Decorative parts: spare parts availability is 4 years years after end of production.					

3 Power Consumption

3.1	Power consumption in watts (rms) for ENERGY USING MODES					
	For the product the following power consumption has been measured:					
	<mode>	<i>e.g. Play, stand-by passive</i>	<standard / applied test protocol>	<power>		
1	off mode (AC unplug)		Measurement	0,000	[watts]	
2	off mode (AC plug)		Measurement	0,870	[watts]	
3	stand-by		Measurement	0,870	[watts]	
4	on mode		EN 62087:2002	93,00	[watts]	
5					[watts]	
	<i>Some example modes are; operational modes, inactive modes, off mode and no load mode.</i>					

4 Electromagnetic Emissions

4.3	The product complies with the limits defined in:					
	<standard / programme>	<i>e.g. MPR II-1990:8, TCO'99</i>				
1	EN55013					
2	EN55020 / EN55022 / EN55024					
3	EN61000-3-2 / EN61000-3-3					

5 Noise Emissions

5.1	declared sound power and sound pressure levels					
	Sound power levels L_{WAd}			Sound pressure levels L_{pAm}		
	Location			Position of the unit		
	Position of the unit			Distance		
				[m]		
	<operational mode>	<i>e.g. HDD access</i>	<description>	<level>	L_{WAd}	<level>
						L_{pAm}
1	n.a.		n.a.	n.a.	[bel]	n.a.
2					[bel]	[dB(A)]
3					[bel]	[dB(A)]
4					[bel]	[dB(A)]
5					[bel]	[dB(A)]
6					[bel]	[dB(A)]

6 Chemical Emissions										
6.1 The following chemical emissions have been measured according to ECMA-328:										
Chemical emission rates (VOC and ozone)					Dust emission rates					
<operational mode>		<emissions rate>			<operational mode>		<emissions rate>			
<i>e.g. printing</i>		VOC			ozone		dust			
1	n.a.	n.a.	[micro-gr./hr]	n.a.	[micro-gr./hr]	n.a.	[micro-gr./hr]	n.a.	[micro-gr./hr]	
2			[micro-gr./hr]		[micro-gr./hr]		[micro-gr./hr]		[micro-gr./hr]	
3			[micro-gr./hr]		[micro-gr./hr]		[micro-gr./hr]		[micro-gr./hr]	
7 Hazardous Substances and Preparations									not con- tain	
The product does not contain:									con- tain	
									under survey	
									n.a.	
7.1<a> Substances and preparations covered by general limitation										
asbestos;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
azo Colorants;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
mercury and mercury compounds;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CFCs, HCFCs;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PCBs, PCTs and PCN.							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.2 Substances and preparations covered by limitations in plastic mechanical parts and housings										
cadmium and cadmium compounds;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
short chain chloroparaffins;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
lead or lead compounds;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PBB, PBDE.							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.3<c> Substances and preparations covered by limitations in paints, coatings or colouring agents										
cadmium and cadmium compounds;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TBT and TBTO;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
hexavalent chromium compound;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
lead or lead compounds;							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>NOTE Substances and preparations covered by limitations in batteries and packaging are defined in clauses 5.8 and 5.9.</i>										
8 Batteries										
The product { <input checked="" type="checkbox"/> contains/ <input type="checkbox"/> does not contain } batteries.										
8.5 The product or accessory contains the following batteries:										
<battery or accumulator>		<type>		<num.>		<total weight>		<size>		
<i>e.g. Main / Back-up battery</i>		<i>e.g. Li-ion / NiCd</i>								
1	Remote control battery	Carbon Zinc	2	19,50	[g]	4,4	x	1,1	x	1,1
2					[g]		x		x	
9 Product Packaging										
9.1 The following packaging is used:										
<packaging>			<type>		<num.>		<total weight>			
<i>e.g. Main carton / remote control bag</i>			<i>e.g. carton / PS</i>							
1	Main box		carton	1	2055	[g]				
2	LCD foam		PE	1	69	[g]				
3	Top/Bottom pads		EPS	4	568	[g]				
4	Stand pad		EPS	1	279	[g]				
5	Owner's Manual bag		PE	2	14	[g]				
6	Remote control b		PE	1	0,5	[g]				
7	AC cord bag		PE	2	4	[g]				
8	Batteries bag		PE	1	0,5	[g]				
9	Screws bag		PE	1	0,5	[g]				
10	Stand carton		carton	3	10	[g]				
11	Stand foam		PE	2	18	[g]				
12	Stand Packing tape		PP	4	0,4	[g]				
13	Box tape		PP	2	12	[g]				
									Requirement met	
									Yes No n.a.	
9.5 The packaging materials are marked according to a standard.										
Name of Standard			<i>e.g. ISO 11469:2000</i>				<input type="checkbox"/>			
9.6 Specific packaging take back programme and recycling services are available.										
<describe>							<input type="checkbox"/>			
Green Dot										

10 Documentation Materials			
10.1 Paper			Requirement met Yes No n.a.
10.1.1	The documentation is made under use of recycled paper.		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
10.1.2	The recycled content: is	% to	%
10.1.3	The paper is bleached by the following method; Chlorine is not used		
10.2 Other Media			
10.2.1	The media type is: <i>e.g. magnetic tapes, CDs, DVDs</i>		n.a.
10.2.2	The disposal method is: <i>e.g. system name or description</i>		
11 Product End of Life			
11.1 Product Take Back Information			Requirement met Yes No n.a.
Regarding take-back systems for products and consumables,			
11.1.2	Customers are advised		
	to contact their supplier representatives for additional information;		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	to check the products manual;		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	to visit the following web page		
	URL ;	www.sharp-eu.com	
	other	to contact with local authorities or recycling service company	
11.2 Disassembly			
11.2.1	The following design features have been included in the product to enable easy disassembly, separation and / or recycling.		
	Disassembly down to the module level is possible using only commonly available tools;		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	Reduction of the number of steps necessary for disassembly;		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	Reduction of number of tools necessary for disassembly;		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	Reduction of variety and number of connections;		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	Marking of mechanical plastic parts according to ISO11469:2000 as applicable.		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
12 Additional Information Source			
12.1	Further information sources are: <i>e.g. Manufacturer's URL, representative name and telephone number etc., except for sources indicated in 1st. page.</i>		
	1		
	2		
	3		