![Coemar Light Emotion logo]

Panorama ACL
Daylight

Panorama ACL
Daylight

Serial Number:

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Purchase date:

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Dealer:

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Address:

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Suburb:

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Country:

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Phone / Fax:

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Please note in the space provided above the relative service information of the model and the retailer from whom you purchased your **Panorama ACL Daylight**: this information will assist us in providing spare parts, repairs or in answering any technical enquiries with the utmost speed and accuracy.

WARNING: the security of the fixture is granted only if these instructions are strictly followed; therefore it is absolutely necessary to keep this manual.

Index

Congratulations on having purchased a **Coemar** product. You have assured yourself of a fixture of the highest quality, both in componentry and in the technology used. We renew our invitation to you to complete the service information on the previous page, to expedite any request for service information or spares (in case of problems encountered either during, or subsequent to, installation). This information will assist in providing prompt and accurate advice from your **Coemar** service centre. Following the instructions and procedures outlined in this manual will ensure the maximum efficiency of this product for years to come.

1. Packaging and transportation

1.1 Packaging
Open the packaging and make sure that no part of the equipment has suffered any damage during the transportation. In case of damage to the fixture, contact your currier and your supplier immediately by telephone, fax or email, and inform them you will formally notify them in writing through registered letter.

Packing list
Ensure the packaging contains:
1 Panorama ACL Daylight
1 Instruction manual

1.2 Transportation
The **Panorama ACL Daylight** should be transported in either its original packaging or in an appropriate flight case.

2. General information

2.1 Safety informations
Fire prevention:
1. Never locate the fixture on any flammable surface.
2. Minimum distance from flammable materials: 0,5 m.
3. Minimum distance from the closet illuminable surface: 0,5 m.
4. Replace any blown or damaged fuse only with those of identical values. Refer to the schematic diagram if there is any doubt.
5. Connect the projector to mains power protected by a thermal magnetic circuit breaker.

Prevention from electric shock:
1. Presence of high voltage inside of the fixture. Insulate the projector from mains supply before opening or performing any function which involves touching the inside of the fixture, including lamp replacement.
2. For the connection to the mains, adhere strictly to the guidelines outlined in this manual.

3. The level of technology of **Panorama ACL Daylight** requires the use of specialised personnel for all service applications; refer all work to your authorised **Coemar** service centre.
4. A good earth connection is essential for the proper functioning of the projector.
5. Never connect the fixture if there is no earth connection.
6. Mains cables must not come into contact with other cables.
7. Do not operate the projector with wet hands or in an area where water is present.
8. The fixture must never be located in an exposed position, or in areas of extreme humidity.

Safety:

1. The projector must always be installed with bolts, clamps, or other fixing devices which are suitably rated to support the weight of the projector.
2. Always use a secondary safety fixing device with chain or steel wire of a suitable rating to sustain the weight of the unit in case of failure of the principal fixing point.
3. The external surfaces of the unit, at various points, may reach 80°C. Never handle the unit until at least 10 minutes have elapsed since the LED was turned off.
4. Never install the fixture in an enclosed area lacking sufficient air flow; the room temperature must not exceed 35°C.
5. The projector contains electronic and electrical components which must under no circumstances be in contact with water, oil or any other liquid. Failure to do so will compromise the proper functioning of the projector.

2.2 Warranty conditions
1. The fixture is under warranty for 36 months from the purchase date against factory defections.
2. Damage ought to unskillfulness, inappropriate use, or lack of suggested maintenance are excluded from the warranty.
3. Warranty expires when the projector is opened by unauthorized personnel.
4. Warranty doesn't include the replacement of the fixture.
5. Serial number and model of the fixture are necessary to retrieve informations and assistance from the dealer.
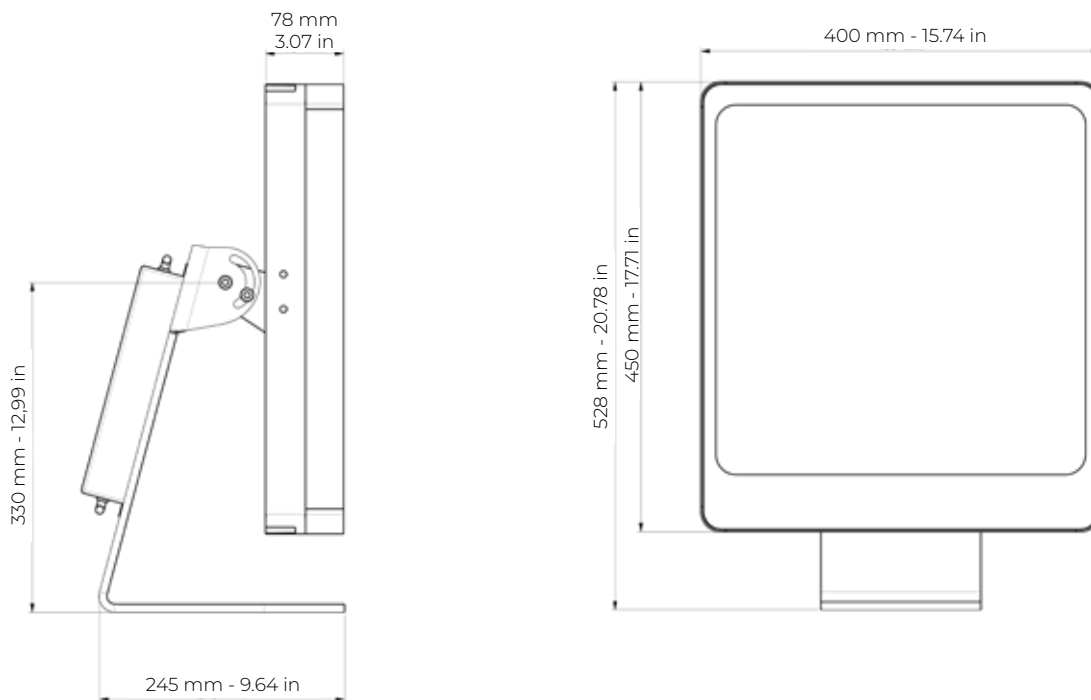
2.3 EC Norms
The projector meets all fundamental applicable EC requirements.

3. Product specifications

3.1 Technical characteristics

Power supply	90-305 V AC, 50-60 Hz - Auto-sensing
Max power consumption	450 W
Color temperature	Daylight Leds 5.700K
Weight	10 Kg / 22.04 lbs (incl.PSU)
Operating temperature	from - 40° C to + 45° C
IP Rating	IP66

3.2 Dimensions

3.3 Unit's main components
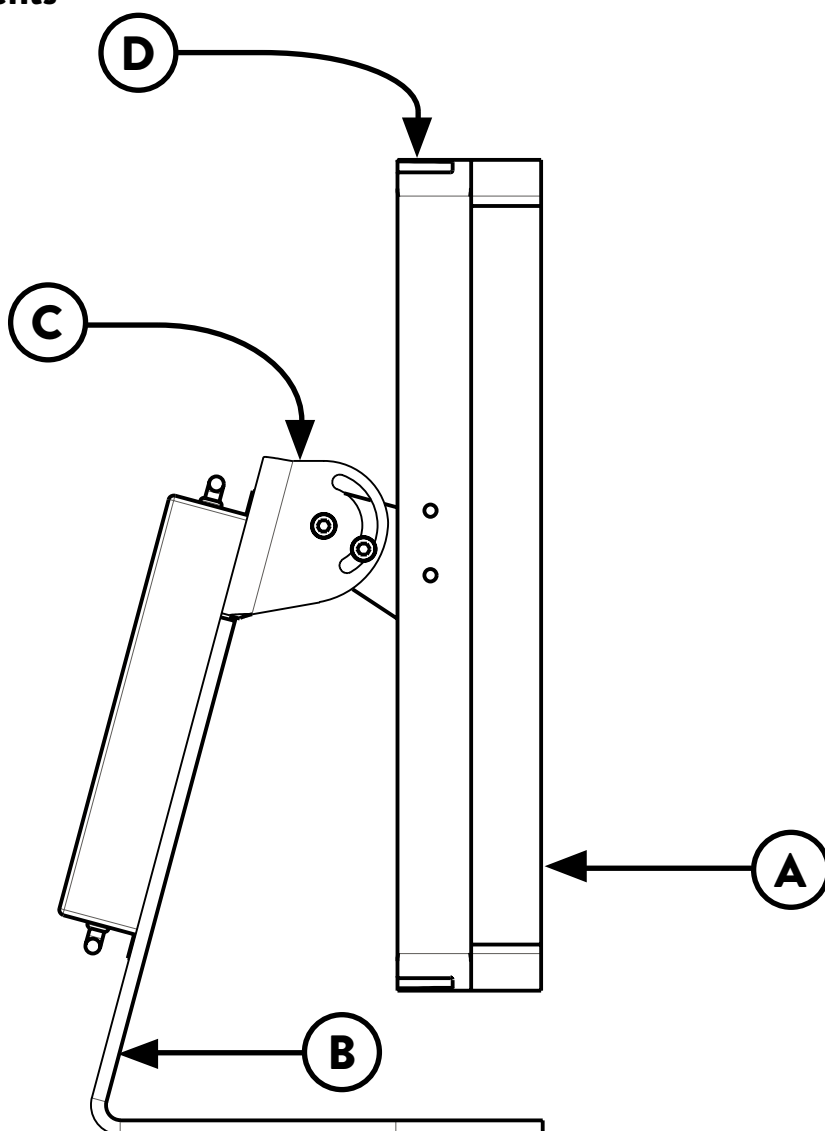
Components description	
A	PCB led + optics
B	Base plate
C	Locking screw for yoke
D	Cooling system

4. Installation

4.1 Mechanical installation

Panorama ACL Daylight may be hung from an appropriate structure in any position or on tripod. If hanging the fixture from a lighting truss or similar, we recommend the use of an appropriate clamp "**A**", as shown in the following diagram.
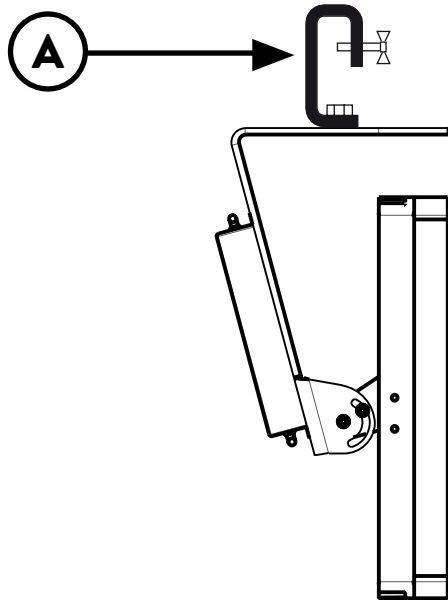
Warning!!
Always ensure that your support structure
and fixing (bolts, clamps, etc...) are rated
to support the weight of the fixture.

4.2 Safety chain

When hanging **Panorama ACL Daylight** it is recommended to use a safety chain, as required by current legislation. The safety chain must pass through the handles of the unit and then attached to the structure.
If using steel cables and chains not **Coemar**'s production, make sure they are suitable to support the weight of the unit according to normative UL/ETL (required: the weight of 6 complete devices for at least one hour).
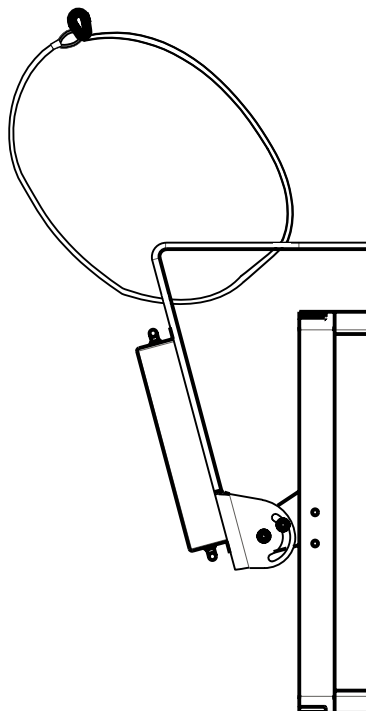
5. Powering up

5.1 Operating voltage and frequency

The unit may operates at voltages ranges from 90 to 305 V AC at a frequency of 50 or 60 Hz. It is not needed to effect any setup procedures: **Panorama ACL Daylight** will automatically adjust its operation to suit any frequency or voltage within this range.

5.2 Connection to mains power

Mains cable characteristics

The mains cable provided is thermally resistant, complying to the most recent International standards.

Note: in case of cable replacement, similar cable with comparable thermal resistant qualities must be used exclusively (cable 3 X 1,5 ø external 10 mm, rated 300/500 V, tested to 2 KV, operating temperature -40°C + 180°C, Coemar cod. CV5311).

Connection to mains power

Panorama ACL Daylight is equipped with an internal cable without power plug.
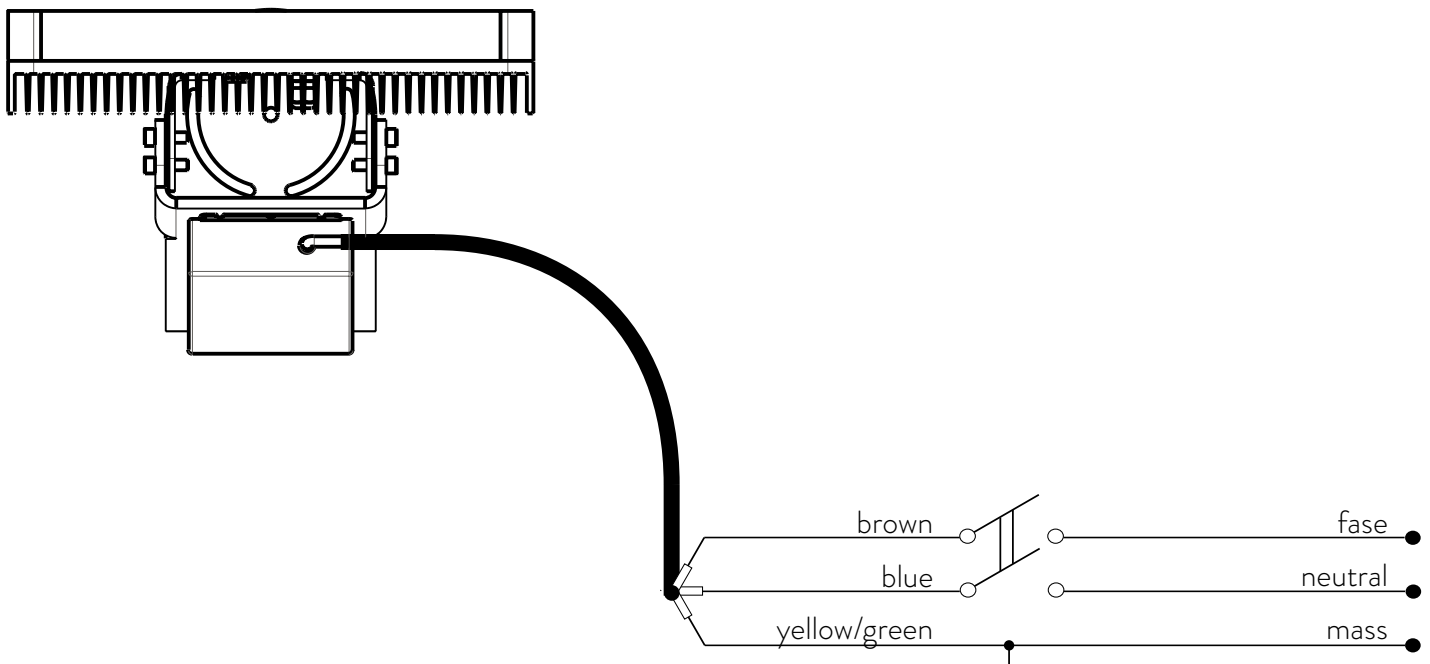
6. Control signal connections

6.1 Control signal connection by XLR5 canon

The digital control signal is transmitted to the projector via a two pole cable screened as per International standards for the transmission of DMX 512 data. The connection must be serial, using connectors XL5 male and female located on the back of **Panorama ACL Daylight** labelled DMX512 IN e OUT (see diagram).
Connectors equipped on **Panorama ACL Daylight** are IP rated, which ensures protection against water and dust. In order to keep this rating they must be connected exclusively to other IP rated connectors.
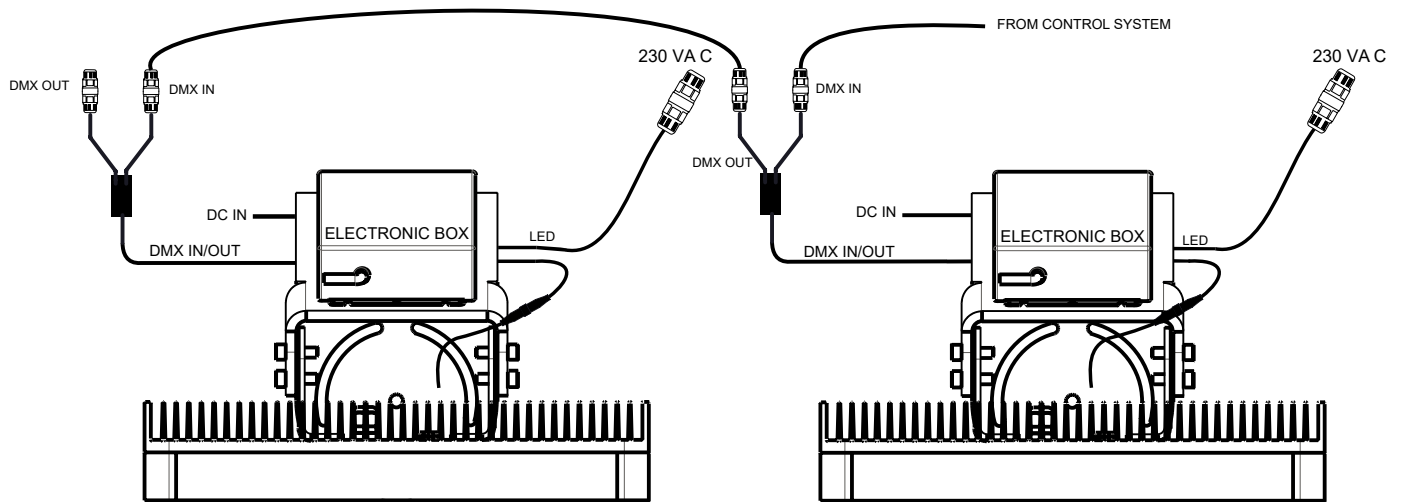
7. Setup via RDM

7.1 Quick guide to menu

The **Panorama ACL Daylight** range is compatible with RDM (Remote Device Management). Using an RDM-compliant DMX controller, you can communicate with all the fixtures on a data link without needing to connect to each fixture individually. RDM lets you set the DMX addresses of all the fixtures on the link, carry out fixture configuration and retrieve fixture data including details of any error that has been logged.

To use RDM:

1. Obtain an RDM-compatible controller such as the RDM UPGRADE INTERFACE B
(cod. AC10011A001) application running on a Windows PC.
2. Use a USB cable to connect the PC to a USB/DMX interface box
3. Connect the interface box to the data link.
4. Power the fixture on and carry out an RDM discovery / scan in your RDM-compatible controller.
5. You can then configure or retrieve data from the fixtures on the data link.

7.2 RDM Chart

PARAMETER	DESCRIPTION
DMX ADDRESS	SET DMX ADDRESS
CURVE	SET DIMMING CURVE
FREQUENCY	SET PWM FREQUENCY
LOCK PIN	SET LOCK PIN
LOCK STATE	SET SCREEN LOCK
FACTORY DEFAULT	FACTORY RESET
PERSONALITY	SET PERSONALITY
SENSOR	VISUALIZE TEMPERATURE/VOLTAGE VALUES
LED HOURS	VISUALIZE LED LIFE HOURS

8. DMX chart

8.1 DMX Chart (5/1 ch)

channel 5	channel 1	function	type of control	effect	decimal		percentage	
1	**1**	master dimmer	proportional	adjust luminous output intensity from 0 to 100%	0 - 255		0% - 100%	
2	**-**	spare channel	step	no effect	0 - 255		0% - 100%	
3	**-**	dimmer fine	proportional	fine dimmer control 16 bit	0 - 255		0% - 100%	
4	**-**	strobe	step	no effect	0 - 9		0% - 4%	
			proportional	variable speed strobing effect, from slow to fast	10 - 57		4% - 22%	
			step	stop strobe	58 - 59		23% - 23%	
			proportional	sequenced pulse effect, slow closing, fast opening (variable speed pulsing, from slow to fast)	60 - 108		24% - 42%	
			step	stop strobe	109 - 110		43% - 43%	
			proportional	sequenced pulse effect, fast closing, slow opening (variable speed pulsing, from slow to fast)	111 - 159		44% - 62%	
			step	stop strobe	160 - 161		63% - 63%	
			proportional	random strobe effect with variable speed from slow to fast	162 - 207		64% - 81%	
			step	stop strobe	208 - 209		82% - 82%	
			proportional	random strobe effect with variable speed from slow to fast	210 - 255		82% - 100%	
5	**-**	special functions	step	park	0 - 9		0% - 4%	
				600 Hz	10 - 22		4% - 9%	
				no effect	23 - 84		9% - 33%	
				fan at low-noise speed	85 - 96		33% - 38%	
				fan at studio mode	97 - 108		38% - 42%	
				fan at auto-speed	109 - 120		43% - 47%	
			proportional	fan speed control	121 - 133		47% - 52%	
				enables the automatic display blackout	134 - 185		53% - 73%	
				disables the automatic display blackout	186 - 199		73% - 78%	
			step	LED control frequency tuning 1.500 Hz	200 - 205		78% - 80%	
				LED control frequency tuning 2.000 Hz	206 - 211		81% - 83%	
				LED control frequency tuning 5.000 Hz	212 - 217		83% - 85%	
				no effect	218 - 240		85% 94%	
				LED control frequency tuning 20.000 Hz	241 - 255		95% - 100%	

Projector: Panorama ACL Daylight		**Chart name:** DMX512 function	
Edition: 1		**Date:** 08.06.2021	

9. Accessories and spare parts

All the components of **Panorama ACL Daylight** are available as spare parts from your **Coemar** dealer or Service. Accurate description of the fixture, model number and type will assist us in providing for your requirements in an efficient and effective manner.

10. Maintenance

10.1 Firmware update
The firmware of **Panorama ACL Daylight** can be updates through the RDM protocol (ANSI E1.20). Contact **Coemar** assistance to receive the software and the device updater.

10.2 Periodic cleaning
Lenses
Even a thin layer of dust can reduce the luminous output and alter the consistency of the beam. Regularly clean all filters and lenses using a soft cotton cloth, dampened with a special lens cleaning solution.

Cleaning of the unit
Use a soft brush or a common vacuum cleaner or a source of compressed air for removing dust. For the cleaning of the housing use a soft cloth and a non-aggressive cleaner. Check that the internal fans and heat exchanger must be perfectly clean.

10.3 Periodic controls
Mechanical components
Check the correct working of the mechanical parts and, if needed, replace them. Make sure the projector is not mechanically damaged. If necessary, replace the worn parts.

Electrical components
Check all electrical connections, in particular for correct grounding and correct attachment of all extractable connectors. Press the connectors if necessary and reposition as before.

10.4 Fuses
Panorama ACL Daylight has an automatic fuse that in most cases does not need to be replaced.

11. F.A.Q. and answers

The following list shows common issues that may be simply solved. If issues persist, the unit must be repaired by a qualified personnel or just contact your **Coemar** service.

Question	Possible solution
Panorama ACL Daylight does not emit light	**Projector not powered on:** • Make sure the power cable is plugged in or test the input voltage; **Wrong DMX address:** • Check the DMX Address setting and the output signal of the controller;
Panorama ACL Daylight is not responding to DMX signal	**DMX signal may not reach Panorama ACL Daylight:** • Inspect the cable connection, correct poor connections or inefficient repair or replace damaged cables; • Check DMX address of the unit;

User notes

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Information on disposal of the equipment	
	The equipment at the end of its useful life must be disposed of at an appropriate recycling center for waste electrical and electronic equipment. The treatment and disposal of environmentally friendly, helps prevent potential negative environmental and health and promote the reuse and / or recycling of materials making up the equipment. Illegal disposal by the user includes the application of administrative sanctions provided by law.

CE

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Coemar reserves the right to change specifications without prior notice