

# Colorino

the little brother of ColorTest



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# 1: Introduction

On behalf of CareTec we thank you for buying this product. You will find more information about our company at the end of this manual.

Colorino, the little brother of Colortest, is a powerful color-detector. You can recognize 150 different color shades and additionally locate light sources.



**Caution:** Do not operate this device unless you have read and understood this user manual. Store the manual for later reference and hand it over together with the device if necessary.



**Caution:** This device may only be returned within the test period and including all component parts as well as the clean and original packaging. Charges will be prorated for used parts unfixed from the packaging, as well as a possible cleaning of the device and its components.

# 2: Description and scope of delivery

Included in the delivery are the Colorino, a textile case, and a printed user manual.

Put the device in front of you, so that the loudspeaker grill, located on the surface of the device, is facing away from you.

## Surface

On the surface you will find two buttons. Facing away from you is a small opening which houses the measuring head of the Colorino.

## Slim Side

On the right side you will find two outlets; the larger of the two is an earphone socket. The smaller one (nearest to you) is an interface enabling our service technicians to repair the unit whenever necessary.

## Base

On the base of the device you find the battery compartment.

### 3: Power Supply

On the base of the Colorino you will find the battery compartment. Turn the Colorino, so that the narrow part of the device is facing away from you. Pull the lid of the battery compartment towards you to open it. The lid is completely removable. Put two 1.5 Volt AAA batteries in the compartment, with the flat (negative) end of each battery contacting the coil. Close the lid of the compartment until it locks into place. Your Colorino is now ready to use.



**Note:** To take batteries out of the compartment press each battery at the bottom point of contact and it will move out simply.

### 4: Starting up and Description of the Keys

The device switches off automatically after approximately 30 seconds. To switch on again press any of the two buttons:

**Button 1:** nearest the loudspeaker grill  
Announces the color name

**Button 2:** the one closest to you  
Light probe function

#### 4.1: Color Measurement

Press the measuring head of the Colorino firmly on the surface you want to measure. Press button 1 once, and the color will be clearly announced. If you keep button 1 pressed, the announcement will be repeated until you release button 1 again.

#### 4.2: Light-Probe Function (Photometry or LumiTest Function)

To detect sources of light, press button 2, keep it pressed and wave the Colorino around the room. The acoustic signal will then inform you about the intensity and the proximity of the source of light:

**High tone:** source of light is intense or very near

**Low tone:** source of light is weak or far away

#### 4.3: Volume Control

It is possible to select between 3 different volume levels. To choose your preferred volume level, keep button 2 pressed and tab button 1 to change in-between the 3 possible levels, until you found the volume you prefer (the 3

levels of volume will change continuously from low to middle to loud and then again to low).

## **5: Safety Instructions**

- Colorino is made for private usage indoors.
- Ensure that no moisture enters the device.
- Take care that the measuring head will not get contaminated, especially when you use the device with wet or creamy material (for example a lipstick or candy).
- Do not expose the Colorino to extremely high humidity, intemperately high or low temperatures or any dust or dirt. The operating temperature of the device lies between 0 and 40 degree Celsius (32 to 104 degree Fahrenheit). If any liquid enters the device, remove the batteries, wipe the case dry with a cloth and let the device dry completely.
- Only use the device if it works correctly.
- If you do not use the Colorino for an extended period, remove the batteries to avoid leakage.
- Please note that this device is not a children toy.
- If you use the device with earphones or a headset use a suitable low volume level to protect your sense of hearing.

## **6: Troubleshooting**

- If the quality of the speech output decreases or the device falls silent, change the batteries (see chapter 3).
- With new batteries inside and a not responding device, please check the correct polarity of the batteries (chapter 3).
- Please note that color recognition also depends on the structure of the measuring objects surface. A grossly knitted sweater for example could appear more darkly than it really is. Additionally, with nearly transparent or grossly woven textiles the background scattering could infect the measuring result. We suggest to fold the cloth several times, then fold it smoothly and press it from behind with one finger against the measuring head.

## 7: Cleaning and Maintenance

Use a lightly moistened cloth to clean the case of the device.



**Caution:** No liquid should enter the device! Avoid strong acid or scrubbing cleansers and do not clean the surface with rough sponges as they might damage the case of the device.

Take care that the measuring head will not get contaminated. If necessary, it could be cleaned carefully with a clean cotton bud by a sighted person.



**Caution:** It is essential to protect the area next to the measuring sensor against contamination. This area can only be cleaned by a service technician.

## 8: Technical Details

<b>Dimensions:</b>	length: 110 mm (4.33 inches) width: 39 to 50 mm (1.54 to 1.97 inches) height: 21 to 25 mm (0.83 to 0.98 inches)
<b>Weight:</b>	85 g (0.19 lb) including batteries
<b>Power Supply:</b>	2 micro batteries 1.5 V AAA
<b>Scope of Delivery:</b>	Colorino, textile case, printed user manual
<b>Color Recognition:</b>	detects 150 nuances of colors
<b>Light Recognition:</b>	distinguishes the intensity of light with 10000 different acoustic signals
<b>Speech output:</b>	more than 20 languages at high quality
<b>Volume control:</b>	3 different volumes available plug for earphones available
<b>Operating temperature:</b>	0° to 40° Celsius (32° to 104° Fahrenheit)
<b>More details:</b>	interface for software updates eyelet to fix a cord

## 9: Guarantee and Service

From the date of purchase, we issue to the original purchaser of this product a guarantee of:

- twenty-four (24) months on the device itself,
- twelve (12) months on the accessories (e.g. power supply, earphones etc.),
- six (6) months on wear parts (e.g. battery, case etc.)
- Please note that we do not issue any guarantee on batteries!

During the guarantee periods mentioned above, the product will be either repaired or replaced free of charge. In no event shall CareTec be liable for indirect, special or consequential damages. The exposure of the device to liquids, strong electromagnetic fields, heat as well as dropping the device or opening the case causes immediate loss of guarantee. In case of problems please contact CareTec or your local distributor before returning the device without any apparent reason. We will then inform you about the necessary procedures. The device may only be opened by authorized technicians!

CareTec reserves the right to make any changes or improvements to its products without further notice.

## 10: Legal Notice on the Disposal of Electronic Devices

### 10.1: Disposal of used Electronic Devices



This product must be disposed of separately from household waste at specially designated collection and recycling points. For further information please contact your local authorities.





### 10.2: Recycling Batteries



Batteries must not be disposed of in household waste. As a consumer you are legally obligated to bring your old batteries to public collecting points (in your community or any shop that provides these batteries).

Pb-Cd-Hg These signs can be found on contaminant-laden batteries.  
Pb = containing lead  
Cd = containing cadmium  
Hg = containing mercury

## 11: Symbols used

	Caution
	Note
	Dispose of separately from household waste
	Manufacturer

## 12: Manufacturer

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