

# Robinia Play Timer

NRO216



产品编号 NRO216-1001	
产品信息概览	
长宽高尺寸	44x29x134 cm
适用年龄段	5+
容纳人数	4
颜色选择	

The Play Timer attracts children of all ages immensely with its count-down sounds and its timer push-buttons. The mere fact that you can measure your efforts and measure them up against your friends' is a play asset that makes children use the Play Timer over and over, and return for more. In the development of the Play Timer, KOMPAN built on KOMPAN Play

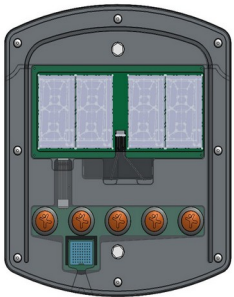
Institute research of thrilling play stating that racing against time was a huge thrill-factor for older children. Apart from its joyful and playful time-taking of how far you get and who gets there first, the Play Timer also functions as a practical turn-taking assistant, timing durations of 10 or 30 seconds, as well as 2 or 5 minutes. This is the playful – and to teachers effortless –

way to make children turn-take without conflicts. The Play Timer increases the intensity of play, it increases cooperation and helps children pay attention to each other.

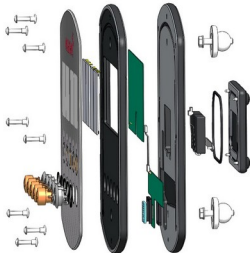


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The reflective LCD display has four digits of 100mm height, with excellent outdoor visibility and a wide viewing angle. An LCD display has a low energy consumption, It is powered by 8 replaceable AA batteries with a lifespan of more than 2 years.



Front panels are made of UV-stabilized Polycarbonate. The UV-stabilization prevents the Transparent panels in being yellow over time and ensures the mechanical performances. The graphic prints are added by a unique multi-layer print process where the inner layer is the image and outer transparent layer functions as protection. The lacquer is water-based, and UV stabilized to prevent fading.



The push buttons and the housing for the push buttons are made from Polyamide (PA6). The buttons contain a magnet which activates a contactless reed switch when the buttons are pushed. This ensures high durability of the system.



The connectors are made of die-cast aluminum specially alloyed for outdoor environments and with a lead content below 100ppm. The connectors are attached to the posts by stainless steel screws and well protected against corrosion by special designed zinc washers. Extremely strong and no change of corrosion.

The loudspeaker is a piezoelectric speaker with a sound level of 90dB, and low power consumption. As power source we use eight standard AA 1,5V replaceable batteries with a capacity of 2.95Ah. The expected lifetime of the batteries is two years, depending on usage. It is recommended to inspect the batteries yearly. The batteries are placed in two sealed battery boxes with a protection class of IP65.

Robinia Posts are made from de-barked and sap free Robinia trunks in various dimensions. Robinia is a native European wood specie with high strength and natural durability in various climatic conditions. The low degree of fabrication allows for a very natural look leaving posts bend and winding in some degree.

产品编号 NRO216-1001		
安装信息		
安装总时长		1.3
开挖量		0.03 m³
混凝土使用量		0.01 m³
标准入地深度		100 cm
运输重量		53 kg
固定选项	入地	✓
	地表	✓
质保信息		
电子部件		2 年
聚碳酸酯 PC 面板		10 年
Robinia 木材		15 年
承保零部件		10 年



# Sustainability Data

NRO216



## 从原材料到成品

CO<sub>2</sub> 排放总量

CO<sub>2</sub> 排放量  
/ 千克

回收的原料

kg CO<sub>2</sub>e

kg CO<sub>2</sub>e/kg

%

NRO216-1001

51.60

1.30

15.90

这些因素采用的总体框架为环保产品声明 (EPD)，该声明可量化“产品生命周期的环保信息，并对相同功能的产品进行对比” (ISO, 2006)。在遵循该框架的同时，对从原材料到制造的整个产品阶段 (A1-A3) 应用生命周期评估法。

**KOMPAN**  
Let's play

## Kompan A/S

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Validation of CO<sub>2</sub>  
calculation method  
**BUREAU VERITAS**  
HSE Denmark A/S



## Verification of CO<sub>2</sub> calculation of: Nature play



Data version no. 2023-10-05

The CO<sub>2</sub> calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Nature play" represented by item no.: NRO409-0621.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

**Date: 30. October 2023 | Valid until: 30. October 2025**

**Verified by:**

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO<sub>2</sub> calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

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