


Robinia Timer

NRO216



Item nummer NRO216-1001	
Algemene Product Informatie	
Afmetingen LxBxH	44x29x134 cm
Leeftijdsgroep	5+
Speelcapaciteit	4
Kleuropties	

De Robinia Timer heeft een onweerstaanbare aantrekkingskracht op kinderen van alle leeftijden: zodra ze een knopje indrukken, horen ze aan het geluid dat het aftellen is begonnen. Ze krijgen geen genoeg van de timer want niks is zo geweldig als je eigen prestaties bijhouden en vergelijken met die van anderen. De timer is ontwikkeld op basis van

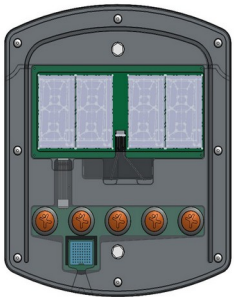
onderzoek van het KOMPAN Play Institute. De resultaten wezen uit dat oudere kinderen het megaleuk vinden om tegen de klok te racen, met een timer die precies bijhoudt hoe snel ze zijn en wie de snelste is. Om de beurt gaan is opeens veel leuker en gemakkelijker als je een timer precies kan afstellen op 10 of 30 seconden, en 2 of 5 minuten. De timer

verhoogt de speelintensiteit, stimuleert samenwerking en leert kinderen om rekening te houden met anderen.

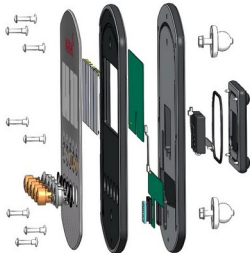


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The reflective LCD display has four digits of 100mm height, with excellent outdoor visibility and a wide viewing angle. An LCD display has a low energy consumption, It is powered by 8 replaceable AA batteries with a lifespan of more than 2 years.



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.

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Installatie informatie	
Totale installatietijd	1,3
Graafwerk (vol.)	0,03 m³
Benodigd beton	0,01 m³
Verankeringsdiepte	100 cm
Verzendingsgewicht	53 kg
Verankeringsopties	In-ground ✓ Oppervlak ✓
Garantie informatie	
Elektronica	2 jaar
Polycarbonate PC panels	10 jaar
Robinia hout	15 jaar
Gegarandeerde reserveonderdelen	10 jaar



Sustainability Data

NRO216



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
NRO216-1001	51,60	1,30	15,90

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))



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Verification of CO₂ calculation of: Nature play



Data version no. 2023-10-05

The CO₂ 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 CO₂ calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

Publication date: 30. October 2023

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