



290500

Memo

Interactive play pillars

November 2024

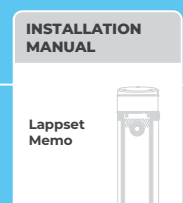
© Lappset Group Ltd 2024. All rights reserved.

Table of contents

What is Lappset Memo?	3
General specifications	4
Material options	5
Installation	6
Lappset Dashboard	7
First steps + Lappset Connect	8
Sustainability	9
Compliance information	10
Technical information	13

Download Installation Manual

Visit the website:
<http://www.info.lappset.com>



What is Lappset Memo?

Interactive play pillars

Enhance educational play with Memo, an innovative interactive learning solution. Featuring seven pillars with 360° LED touch screens, Memo offers a dynamic experience from all angles. Its name reflects its focus on memory and movement, crucial for effective learning.

The games promote teamwork, active habits, and the development of 21st-century skills and STEM education. Ideal for schools, kindergartens, family entertainment centers, retail environments, and municipalities, Memo merges technology and education to create endless possibilities.

Key features:

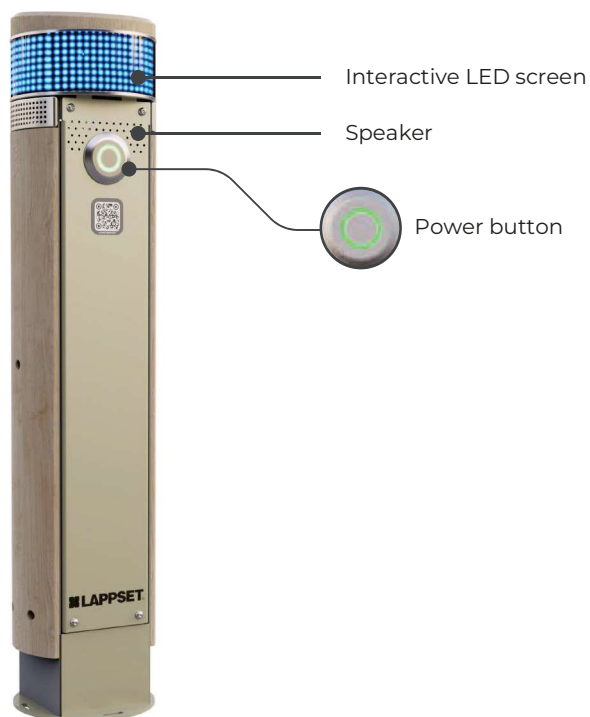
- Design: Seven pillars with a central computer.
- Interface: Main pillar play button for 50+ games.
- Variety: Educational and active games.
- Gameplay: Players interact with surrounding pillars, and Memo responds dynamically.
- Learning: Combines physical activity with education.



General specifications

Components

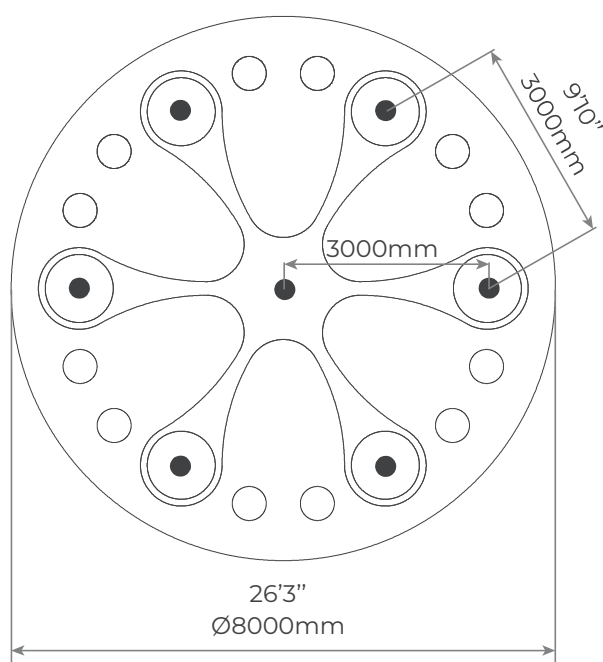
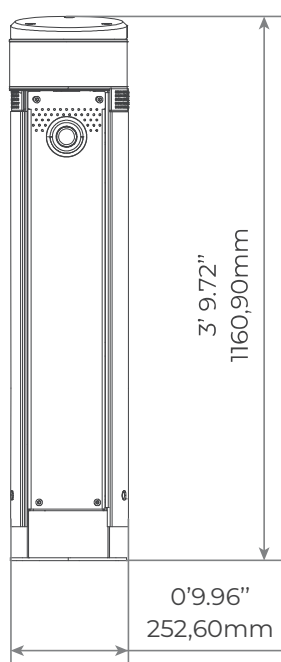
Master pillar



Standard pillar



General dimensions



Material options

Memo caps

Wood



Natural wood **DEFAULT**

WOOD

Outside

RAL 7032

Inside



Premium
Dark wood

Plastic



Green

RAL 6021

Outside

RAL 7032

Inside



Blue



100% Recycled

*Other colours available on request

Turf floor - Colour options *Custom design also available



Green

F1 - Lime Green

290500 / 290520



Blue

F3 - Light Blue

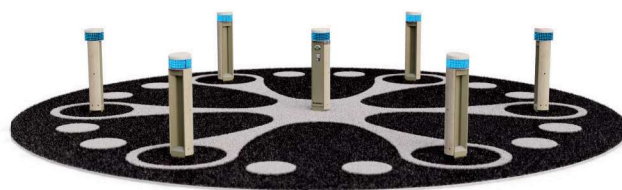
290500 / 290522



Red

F7 - Clear Red

290500 / 290520



Black

F2 - Black

290500 / 290522

Installation

General information

Memo consists of one master post and six basic posts. The master post is placed at the center of the play floor and houses the main computer and power connection.

Arrange the six basic posts in a circle with a diameter of approximately 6 meters (6.6 yards) around the master post. Secure each post to the ground using four bolts.

We recommend using artificial turf or grass for the play floor, as it offers an attractive appearance, cost-effectiveness, and a pleasant feel. Other options include rubber pouring, painting on concrete (tiles), or any surface that suits your preferences. The installation process may vary depending on the chosen surface and location. Please consult Lappset Interactive for specific recommendations and guidance.

Additional considerations:

- Memo Installation Manual: Refer to the detailed installation instructions provided in the Memo Installation Manual for comprehensive guidance.
- Product Manual: This product manual outlines the essential preparations and general information required for installation.

By following these instructions and considering the specific requirements of your play area, you can successfully install Memo and create a fun and engaging environment.



Lappset Dashboard

 Platform
for owners

Control your devices online

You can manage your own device(s).

Go to <http://www.dashboard.lappset.com> and click 'login'.

Log in with your user name and password, which is sent after signing the service agreement.

SCAN THE QR CODE

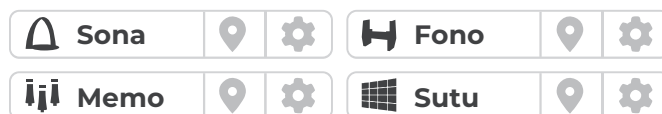
Manage your settings online

Or visit the website:

<http://dashboard.lappset.com>



UNIFIED PRODUCT CONTROL



WHAT CAN YOU DO?

Control



Review statistics



Submit issue report



Our system detects issues and notifies you immediately.



Or create and send your own report.

More information and features can be found on the landing page of <http://www.dashboard.lappset.com>

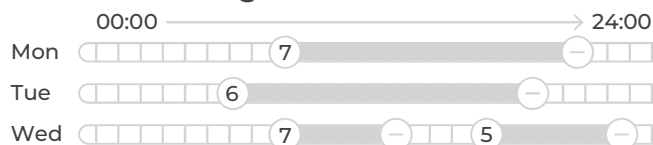
TIME / VOLUME

Set daily schedule

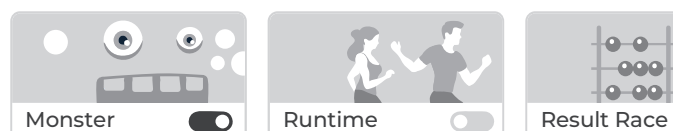
Volume  7

Mon **From** 08:00  **To** 22:00 

Advanced settings



INSTALL AND ACTIVATE GAMES

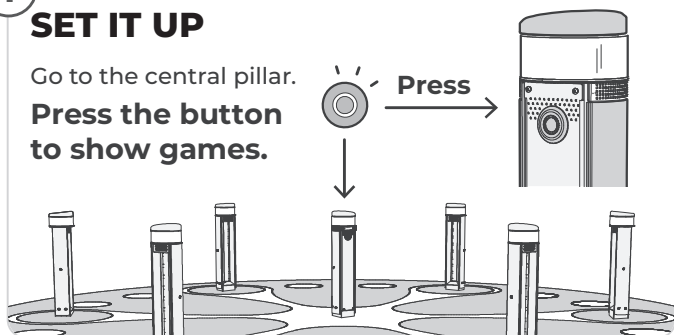


First steps + Lappset Connect

First steps

1 SET IT UP

Go to the central pillar.
Press the button to show games.

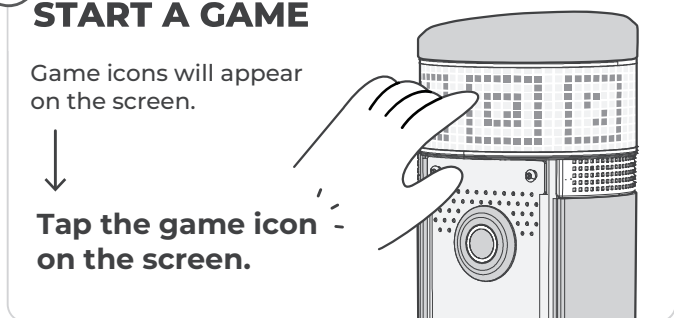


2 START A GAME

Game icons will appear on the screen.

↓

Tap the game icon on the screen.

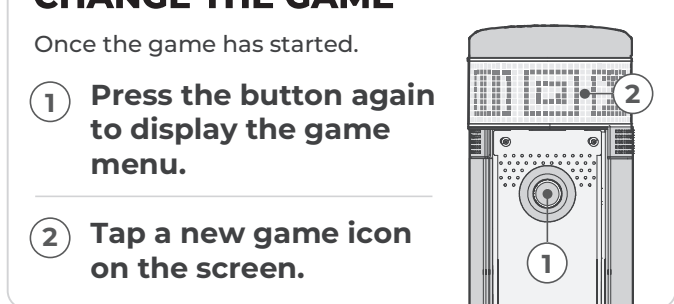


3 CHANGE THE GAME

Once the game has started.

1 Press the button again to display the game menu.

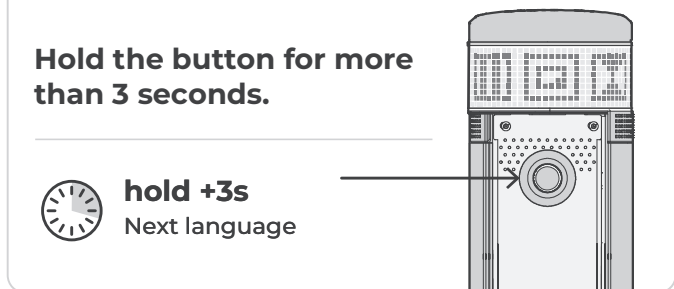
2 Tap a new game icon on the screen.



4 CHANGE THE LANGUAGE

Hold the button for more than 3 seconds.

 **hold +3s**
Next language



Lappset Connect



Enable interactive users to browse all available games, choose their favorites, and share their scores with friends

SCAN THE QR CODE

And control how you play

Or visit the website:

<https://connect.lappset.com>



UNLOCK NEW GAMEPLAY OPTIONS



Find the nearest device
and dive into gameplay instantly

Discover all games
with our updated suggestions



Claim your score
and share it with your friends

DISCOVER ALL GAMES

Stand close to the interactive playset and open the app by scanning the QR code.



Sona



Luna



Memo



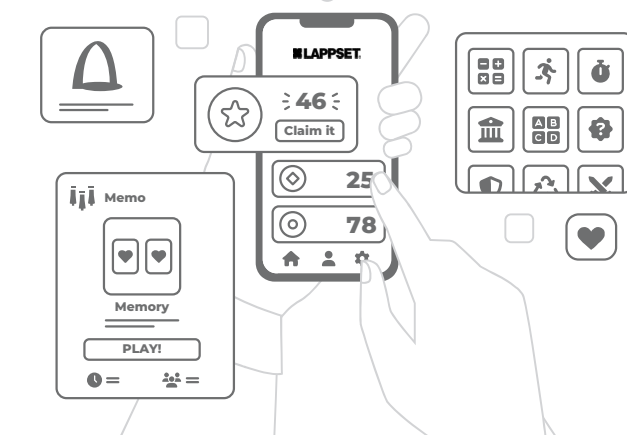
Fono



Sutu



Toro



After a period of inactivity, the Memo enters standby mode. Pressing the button starts a new game, and pressing again cycles through available games.

Sustainability

Lappset Memo design

Memo is a sustainable design that excels in both durability and social responsibility. Its materials and products are rigorously tested and designed to withstand the challenges of outdoor public spaces. Additionally, Memo adheres to corporate social responsibility guidelines, as demonstrated by the following examples:

Quality

Lappset Interactive is committed to quality. We understand the impact of products exposed to intensive use, vandalism, and various weather conditions in outdoor spaces. To ensure exceptional quality in Memo, we have implemented the following measures:

- **High-quality materials:** Memo utilizes premium materials such as galvanized construction steel and stainless steel, protected by a powder coat finish. The display features high-impact resistant polycarbonate with a special anti-scratch and UV-protective coating.
- **Rigorous testing:** Memo undergoes extensive testing for weather and vandalism resistance. These tests have led to design improvements, such as enhanced screen humidity protection, LED display visibility, and post resistance to heavy blows and fireworks.
- **User testing:** Prototypes are extensively tested by users to refine game designs for optimal playability and enjoyment.
- **Certification:** Memo is designed in accordance with European EN1176 safety regulations for playground devices.
- **Quality assurance:** Lappset Interactive is ISO9001 certified, guaranteeing adherence to rigorous quality processes.
- **Expert design:** Our designers are academically trained Industrial Design Engineers with extensive experience in developing successful interactive play concepts for public spaces.
- **Passion for quality:** Our designers are passionate about creating playground devices and demand the highest standards of quality in their designs.

Social Responsibility

Lappset Interactive is a leader in social responsibility in the Netherlands, achieving a 4-star rating. This commitment is reflected in the Memo design through the following practices:

- **Sustainable sourcing:** We select suppliers who prioritize environmentally friendly practices, such as using limited resources and reducing waste in their coating processes.
- **Local sourcing:** Memo is primarily manufactured in the Netherlands, utilizing local suppliers within a 50 km radius to minimize transportation impact.
- **Recycled materials:** We incorporate recyclable and recycled materials, such as PE for the caps.
- **Repairability and reusability:** Memo's components are designed for easy disassembly, repair, and refurbishing. Broken parts can be easily recycled or replaced without the need to replace or dismantle the entire product.
- **Standardization:** Memo adheres to standardized dimensions, parts, and materials to minimize waste and avoid unnecessary life cycles.
- **Environmental stewardship:** Lappset Interactive is ISO14001 certified, ensuring an externally controlled environmental management system that minimizes our environmental impact.

Compliance information

USA

Regulatory Information USA

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Permitted Antenna

This radio transmitter has been approved by the FCC to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Interface and frequency rate:

4G cellular in band II and IV

Type:

- MCS 108181 / 108182 - AEB260 GSM Dipole Patch Antenna.
- Siretta Tango 27 IP67 Rated Quad Band GSM/GPRS and 3G Puck Antenna

Max gain:

- 2 dBi
- 2,16 dBi

Class B device notice

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device,

pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection

against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged

to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

RF exposure safety

This device complies with FCC RF exposure limits and has been evaluated in compliance with mobile exposure conditions.

The antenna must be installed and operated with minimum distance of 20 cm between the radiator and your body.

Compliance information

Canada

Regulatory Information Canada

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with ISED license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Permitted Antenna

This radio transmitter has been approved by the FCC to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Interface and frequency rate:

4G cellular in band II and IV

Type:

- MCS 108181 / 108182 - AEB260 GSM Dipole Patch Antenna.
- Siretta Tango 27 IP67 Rated Quad Band GSM/GPRS and 3G Puck Antenna

Max gain:

- 2 dBi
- 2,16 dBi

RF exposure safety

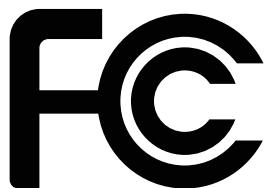
This device complies with ISED RF exposure limits and has been evaluated in compliance with mobile exposure conditions.

CAN ICES-003 (B)

This Class B digital apparatus complies with Canadian ICES-003

Compliance information

47 CFR § 2.1077 Compliance Information. Supplier's Declaration of Conformity



FCC ID: 2ARQX-YALP
IC: 24514-YALP

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

We, **Lappset Interactive**, hereby declare that the equipment bearing the model name specified below was tested conforming to the applicable FCC Rules under the most accurate measurement standards possible, and that all the necessary steps have been taken and are in force to assure that production units of the same equipment will continue to comply with the Commissions requirements.

Unique Identifier: SUTU, TORO, SONA, FONO
LUNA AND SOLAR

Responsible Party – U.S. Contact Information:

Lappset Inc.
401 Congress Ave
Suite 1540
Austin TX 78701 US
(512) 852-3050

In case of problems with your Lappset interactive product, please go to

<https://dashboard.lappset.com>

Login and make create a 'new ticket' under 'product care'.

Or contact our service department:

+31 (0)547 289 410

Monday - Friday

08:15 -17:00 CET

support@lappset.nl

Warranty

To check applicable warranty documents, see <https://www.dashboard.lappset.com>

And click on downloads at the bottom of the page.

RECOMMENDATIONS



Adjust the volume to avoid disturbing nearby residences, but not too low to affect gameplay, especially for games like dancing. Consider changing noise levels throughout the day and ensuring the volume remains audible, or use advanced time and audio settings for better control.



Regular cleaning is essential to maintain optimal performance and uphold the product warranty.

WARNING



Do not attempt to repair a defect without Lappset's authorization.

Only use Lappset original parts to maintain safety and certification.



Technical information

General information.

Dimensions Memo (D x H)	8,0 x 1,1 m	26.25 x 3.6 ft
Safety zone of Memo (Diameter)	9,7 m	31.82 ft
Dimensions of one post (L x B x H)	0,4 x 0,4 x 1,2 m	1.1 x 1.1 x 3.8 ft
Net weight Memo master post	±25 kg	±55.1 lbs
Net weight Memo basic post	±20 kg	±44.1 lbs
Transport information		
Dim. package posts (L x B x H)	1,2 x 0,8 x 1,4 m	3'11.2" x 2'7.5" x 4'7.1"
Package weight posts	240 kg	530 lbs
Dim. package grass + misc. (L x B x H)	1,25 x 1,05 x 2,40 m	4'1.2" x 3'5.3" x 7'7.1"
Package weight grass + miscellaneous	290 kg	640 lbs
Power input	100-240 V ~. 50/ 60 Hz. 285W max	
Power output	12 V DC	
Energy usage		
In use (average)	51 W	
In idle modus (standby)	46 W	
Sleep mode	3 W	
Internet connection	4G modem with data sim card	
Operating temperature	-20 to +40 °C	-4 to +104 °F
Operating altitude	<2000 m	<6562 ft
IP class	IP54	



Movement for every heartbeat

+31 (0)547 289 410

support@lappset.nl

www.lappset.com

Lappset Interactive

Nieuwenkampsmaten 12

7472 DE Goor, The Netherlands

