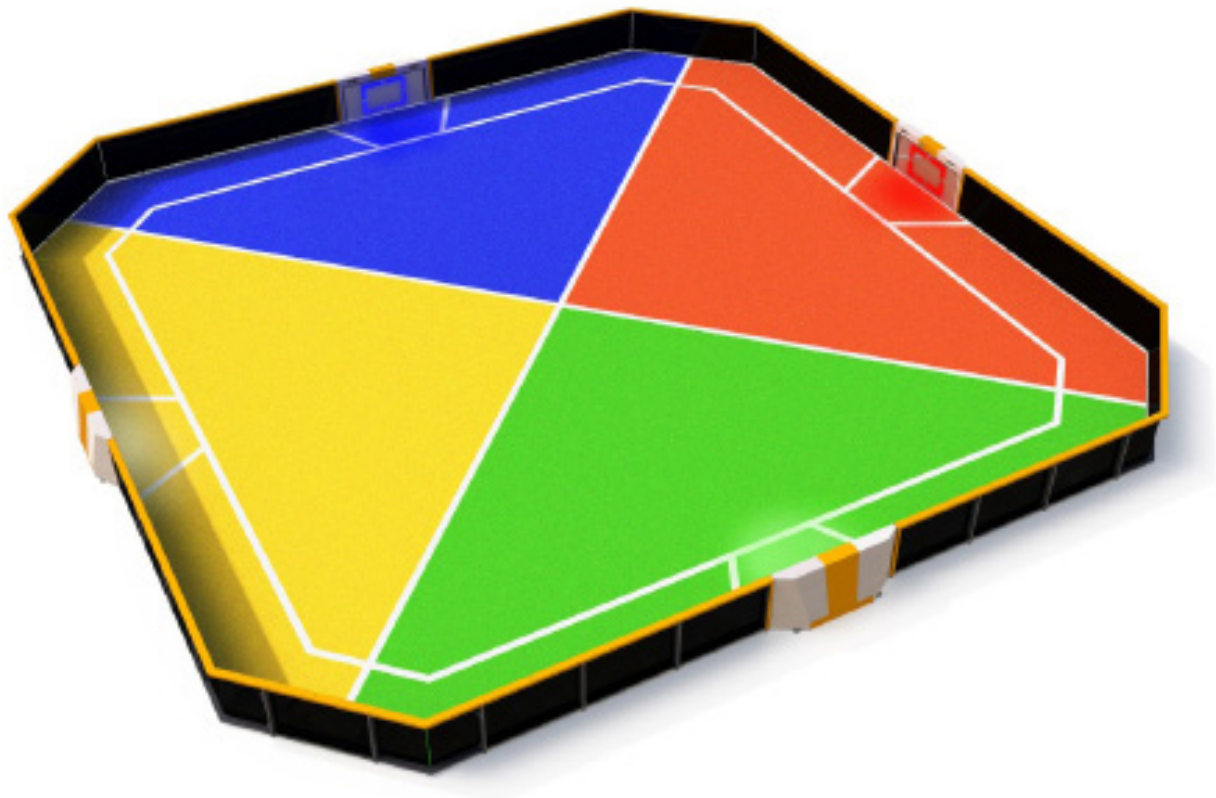


Toro product manual

Version 1.9

1 April 2019



Index



Contents

Index	2
1. What is Toro?	3
2. Installation	4
3. Online settings	6
4. Games	7
5. Sound	8
6. Language	8
7. Manual settings	9
8. Compliance information	11
9. Service	14
10. Technical information	15
11. Revisions	16

Yalp sports- & play equipment
T: 0031 547 289 410
E: development@yalpinteractive.com

1. What is Toro?

The Toro is an interactive sports field, with four interactive goals, one on each side of the square field. With the press of a button, different games can be selected. The games are designed to be fun in a challenging way, stimulating movement of the players. The interactive goals light up in different patterns and colors, and audio speakers give extra feedback during the games. Through an Internet connection one can adjust the Toro settings (volume, time, games), view user statistics and upload new games each year.

Keypoints:

- Challenging sports product
- Easy to use
- Various play possibilities
- New game updates possible
- Multiple children at the same time
- Fun for kids, teens & adults!



2. Installation

NB. Detailed installation instructions can be found in the Toro installation manual. In this product manual only the necessary preparations and general information are mentioned.

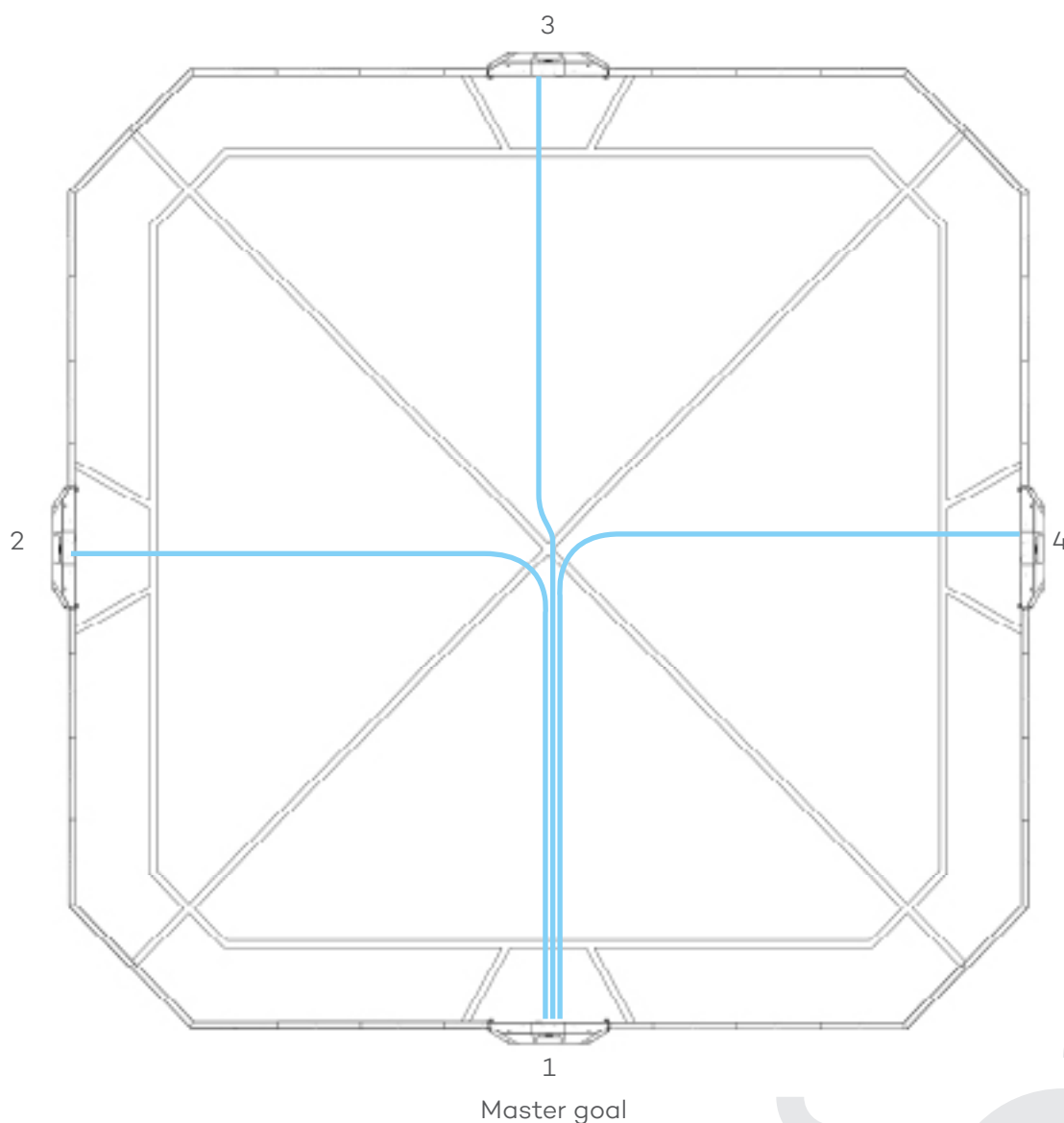
This document describes what the Toro is, how it works, and what preparations should be made in order to make sure that the placement and connections go flawlessly. If you still have any questions after reading this document, you can always contact Yalp for more information.

Installing Toro

Toro has 4 interactive components (1 master goal and 3 basic goals) which are connected with cables. These cables lie beneath the playing field (artificial grass, rubber or concrete tiles) and it's important that these cables will be installed properly and connected the right way.

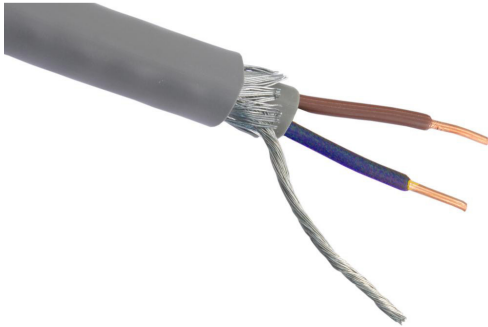
The data+power cables (blue) will be provided by Yalp, the customer takes care of the 230v power cable.

The boarding is anchored to the ground with concrete anchors or bolted on the play field. For the boarding with anchors it's necessary to drill holes with a diameter of 30cm and at least 60cm deep. After installing the boarding, these holes can be filled with concrete mix.



Mains power

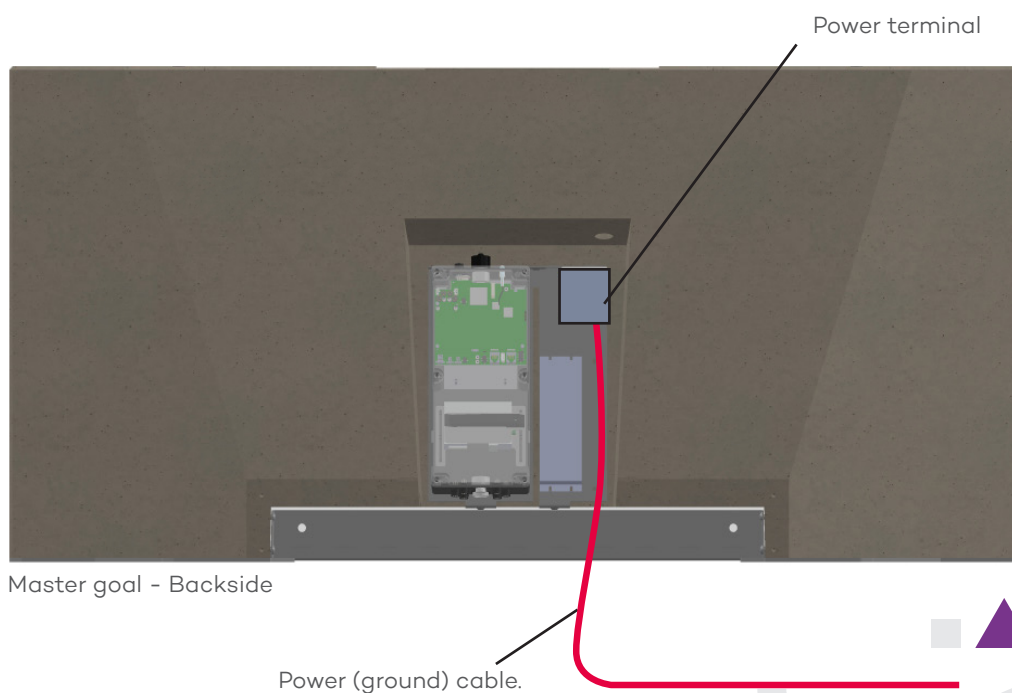
The Toro can be installed on mains power. It is important to use a double shielded power cable for safety reasons, and have this installed on a separate group. The type of power cable to use: YmvKas ground cable, 2 cores, 2,5mm² ($\pm 3875\text{mil}^2$).



Electronics

To ensure electrical safety, the power cable is double insulated and the Toro electronic parts operate at a safe low voltage (max 15V). All electronic parts are incorporated in the Toro construction and stored waterproof (IP54).

- Voltage range: 100-240 V~
- Rated power: 285 W
- Frequency: 50/60 Hz
- The power cable (ground cable, possibly in protective tube) should be lead through the Toro construction to the mounting panel with the electronic parts
- The power cable needs to be connected to the power terminal on the mounting panel by a certified electronic engineer
- The power cable needs to be assembled in the blue CEE norm 2P + earth contact box of class (also known as 'camping socket'). This power supply MUST be assembled on separate group with a 30mA ground fault circuit interrupter (GFCI), fused on 10A or 16A.



3. Online settings

You can manage your own device(s). Go to <http://www.yalpinteractive.com/> and click 'login'. Log in with your user name and password, which is sent after signing the service agreement.

Login information
Web address: my.yalp.nl
Login: <user name>
Password: *****

You can use the control tool MyYalp to:

1. Control the settings of your product

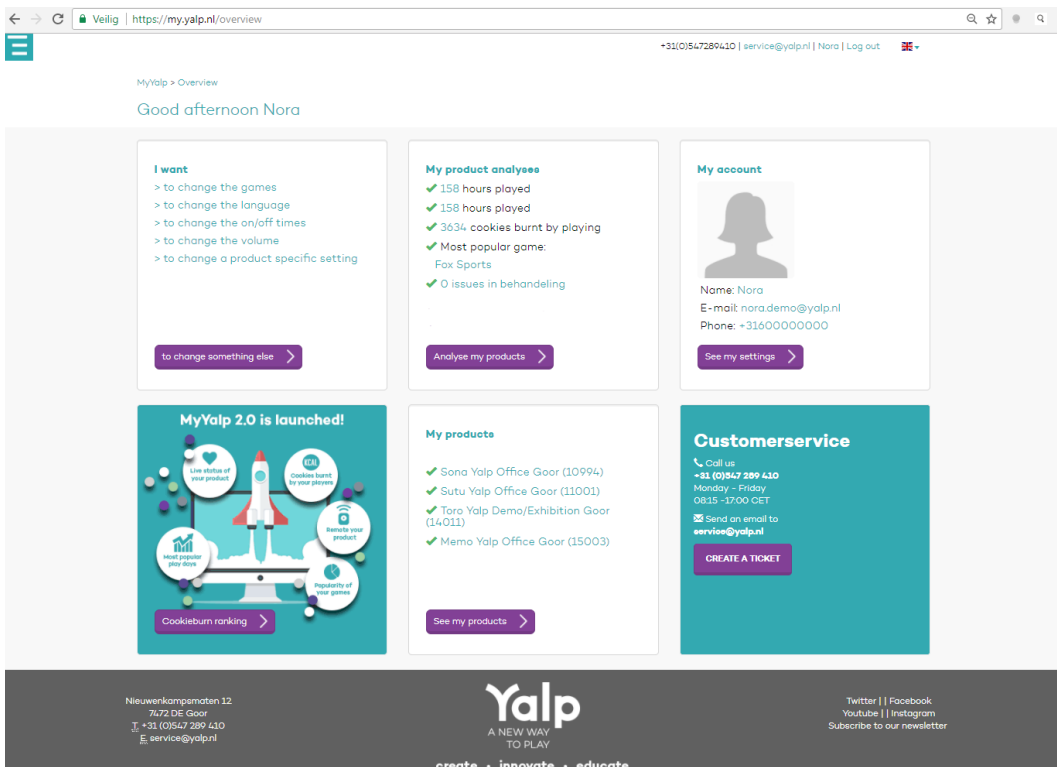
- Volume
- Games
- On/off times
- Language

2. Check if your product is working properly

In the unlikely case of something is wrong with your product, an orange explanation mark will appear instead of a green checkmark at the landing page (see image below). Don't worry, we also always send you an e-mail if something is wrong with your product. And, we keep you updated of the status of the problem.

3. See the latest play statistics of your product

- How many hours are played in total
- How many hours are played each day
- What games are most popular
- How many calories (converted into cookies) are burnt by your players



The landing page of the online tool MyYalp

On the landing page of MyYalp you can find a more detailed tutorial.

4. Games

Game store

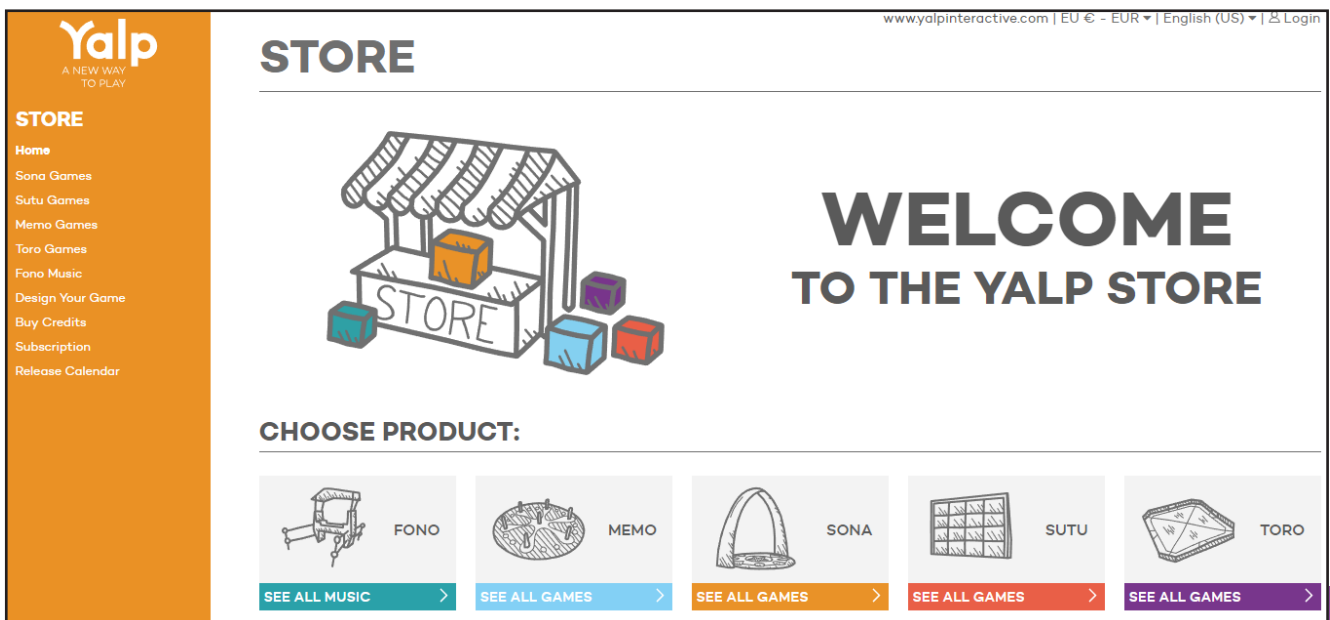
Check the latest Toro games on <https://store.yalp.com/> (see picture below)

The main characteristics of the games are: SIMPLE, OPEN & FUN. Children are challenged to use their fantasy while playing the games.

Games can be activated online on <https://my.yalp.nl> (chapter 3). We advise a maximum of 5 games to be active on the Toro, to keep play user friendly.

With a push on the button a choice can be made from the active games. Each game starts with a game name, followed by a short explanation. With a next push on the button within 10 seconds, the next game is activated. If you push the button after 10 seconds, the active game will restart.

After a minute of not playing, the Toro will turn into 'idle-mode' (standby). When the Toro feels impact on a panel, it may call something or start to make noise. With a push on the button the game following the last played game will start.



5. Sound

Managing sound

Each Toro goal a built-in speaker, to give game explanation and use special effects to make the games more fun! The volume and on / off times can be controlled on <https://my.yalp.nl> (chapter 3).

6. Language

Multiple language versions

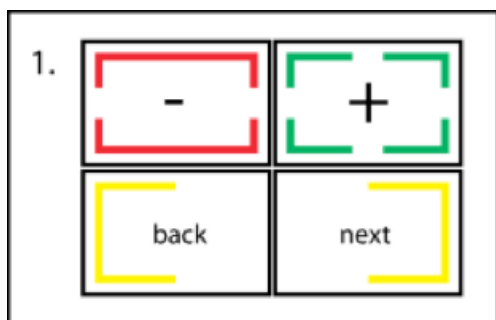
If your Toro has multiple language versions available then the preferred default language can be selected on <http://my.yalp.nl> (chapter 3). You can make more then one language active at the same time, by selecting 'all' at 'settings'.

Switch language with button

If your Toro is equipped with multiple language versions, and more then one language is active, these can also be switched using the button on the Toro. Press the button longer then 3 seconds and the Toro will switch to another language. If no languages are selected, the Toro will switch to idle ('standby') mode when it is pressed longer then 5 seconds.

7. Manual settings

It is also possible to set time, volume and games manually on location. We recommend changing settings via remote management, but in some situations (e.g. no internet connection) the manual settings mode is the way to work. Start with step 1 and follow instructions.



1. Access Manual Settings menu

1. Disconnect power by pulling the plug
2. Connect the power again
3. Push the Toro button until you hear 'Sutu Settings'. Release the button immediately at 'Su...' otherwise Toro will startup normal.

2. Volume settings

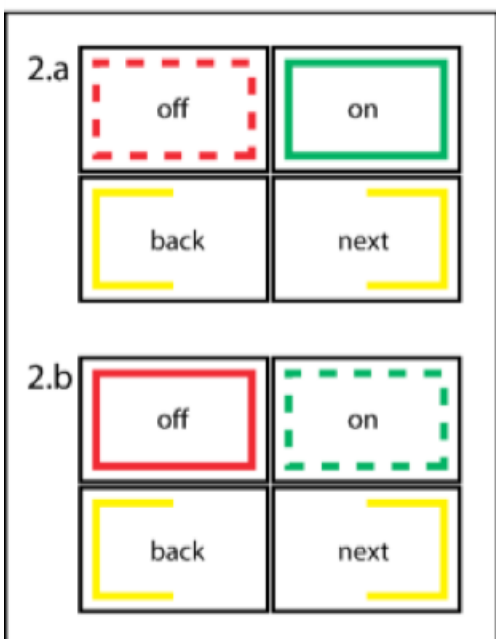
1. You hear 'Volume settings', repeatedly followed by the current volume
2. Tick the green/+ panel for increasing the volume
3. Tick the red/- panel for decreasing the volume
4. Tick the next panel for the next menu item

3. Start time ("awake time") (per quarter)

1. You hear 'awake time settings', repeatedly followed by the current awake time.
2. Tick the green/+ panel for increasing the time
3. Tick the red/- panel for decreasing the time
4. Tick the next panel for the next menu item

4. Stop time ("sleep time") (per quarter)

1. You hear 'sleep time settings', repeatedly followed by the current awake time.
2. Tick the green/+ panel for increasing the time
3. Tick the red/- panel for decreasing the time
4. Tick the next panel for the next menu item



5. Games on/off

1. You hear a game explanation (e.g. '4play, ...!') followed by 'is on' or 'is off'
2. Tick the green panel for putting a game on
3. Tick the red panel for putting a game off
4. Tick the next panel for the next menu item
5. After last game: back to volume settings (2.) again

6. Exit manual settings menu

1. All settings done?
2. Push the button
3. Start playing!

Status information

The Toro has 6 different modes. You can recognize the different modes with the table below.

STATUS	DESCRIPTION	Indication LEDS****	Panel LEDS	Sound***	Vibration	Button	Remote indication
ON	Games can be played. This mode can be adjusted with the online time-table.	ON	Game dependent	ON	ON	ON, games change.	"GAME NAME"
IDLE	After not playing for 180 seconds (standard), the Picoz goes in IDLE modus. Push the button to get back into ON mode. *	ON	3 red LEDS which "crawl" across the panel	ON, when button is pushed	ON, yellow panel lights up.	ON, game starts after pushing.	"IDLE"
SLEEP	Games can't be played. This mode can be adjusted with the online time-table.	OFF	OFF	OFF	OFF	OFF	"SLEEPING"
YIN CRASH	When the main computer crashes the limit in game REDGREEN starts.	ON	ON, red and green panels.	OFF	ON, switching between red and green panels.	OFF	"OFFLINE"
OFF	The Picoz is off, games can't be played, the remote function doesn't work.	OFF	OFF	OFF	OFF	OFF	"OFFLINE"
DEEP SLEEP**	The Picoz is in a deep sleep and awakes less than 1 Watt.	OFF	OFF	OFF	OFF	OFF	UNKNOWN

3. Table with status information

- *** Push the button for 30 seconds in ON mode, the Picoz will go in IDLE mode.
- **** Available end 2018.
- ***** If the sound doesn't work, check if the volume slider on the remote isn't set on zero.
- ****** Besides the 72 LEDS each panel houses, it has 1 indication LED as well.
- ******* Red LEDS indicate that the product is offline, green LEDS indicate that the product is online.

8. Compliance information

A NEW WAY
TO PLAY

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 range	Type:	Max gain:
3G cellular in band II and IV	- MCS 108181 / 108182 - AEB260 GSM Dipole Patch Antenna.	- 2 dBi
	- Siretta Tango 27IP67 Rated Quad Band GSM/GPRS and 3G Puck Antenna	- 2,16 dBi

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.

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.

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 range	Type:	Max gain:
3G cellular in band II and IV	- MCS 108181 / 108182 - AEB260 GSM Dipole Patch Antenna.	- 2 dBi
	- Siretta Tango 27 IP67 Rated Quad Band GSM/GPRS and 3G Puck Antenna	- 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

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, **Yalp BV**, 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

Responsible Party – U.S. Contact Information:

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

9. Service



In case of problems with your Yalp interactive product, please go to **www.yalpinteractive.com** and login to MyYalp 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
Service@yalpinteractive.com

Warranty

To check applicable warranty documents, see **<https://store.yalp.com>** And click on downloads at the bottom of the page.

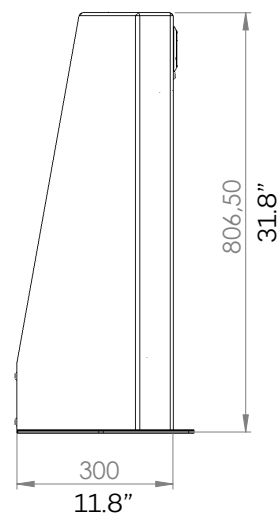
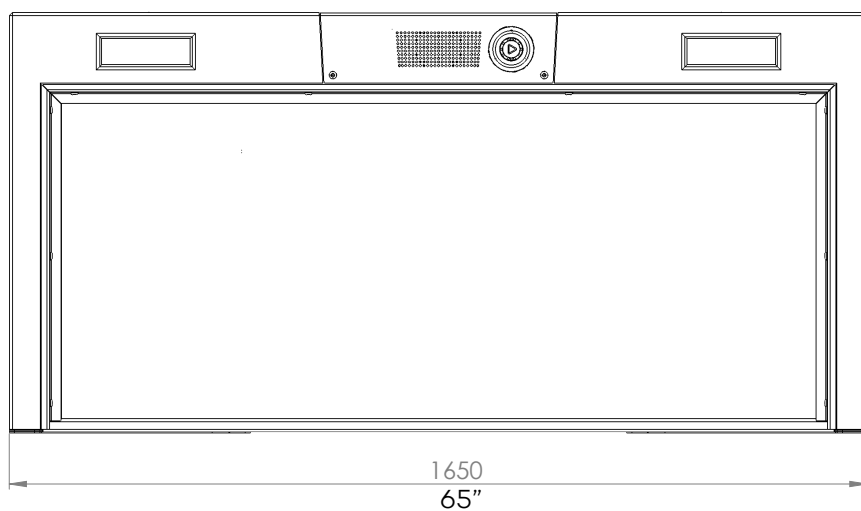
Warnings:

!!! Never try to repair a defect without the consent of Yalp
!!! Never replace parts for other then Yalp original parts. The Yalp product is certified as a whole, with carefully selecting the best parts for safety and quality reasons.

10. Technical information

General information

Weight Toro Dimensions (LxBxH)	± 475 Kg 1,65 x 0,3 x 0,8 m	± 1047 lbs 5,4 x 0,98 x 2,6 ft
Power connection Input Output	100-240 V~ ± 10% 12 V DC	
Internet connection	3G modem with data SIM card	
Energy consumption In use Average in use Idle state (standby) Sleep mode	52-167 W 90 W 36 W 12 W	(Game dependent)
Operating working temperature ! Please power system always for integrated active climate control NB. Some electronics may switch off earlier within this range automatically to prevent damage. Ask us for extra temperature precautions outside this temperature range.	-20 tot +55 °C	-4 to +131 °F
Operating altitude	< 2000 m	6562 ft
Protection class	IP54	



11. Revisions

Version/Date:	Adjustments
v1.2/16-12-2015	<ul style="list-style-type: none">• Added my.yalp.nl
v1.3/20-12-2016	<ul style="list-style-type: none">• p8. Replaced MyYalp 'settings' and 'info' images• p11. Replaced text and 'language' image in CH6. Language• p16 Added high dimension to drawing
v1.4/02-08-2017	<ul style="list-style-type: none">• p5 Replaced ymvk for Ymvk for YmvKas• Rewritten CH3 'Online settings', because of new MyYalp website• Rewritten CH6 'Language'• Removed CH9 'Warranty'. This is a separate document now.
v1.5/20-03-2018	<ul style="list-style-type: none">• Revised technical information table
v1.6/29-06-2018	<ul style="list-style-type: none">• Replaced working temperature with Operating temperature
v1.7/17-12-2018	<ul style="list-style-type: none">• Updated electronic specifications
v1.8/05-02-2019	<ul style="list-style-type: none">• Updated game info (link to store, games out)• Updated operation altitude 2000m and protection class IP54
v1.9/01-04-2019	<ul style="list-style-type: none">• Added compliance chapter• Added service chapter