YA3500

TN202101

Yalp Sona Interactive dance and play arch

DESCRIPTION

The Yalp Sona is an interactive motion and audio guided dance and play arch of 3.8 meters high, designed for outdoor use (suitable for indoor use). The Yalp Sona contains a camera that uses motion detection and transfers the motions detected to the audio speakers for audio instructions to play on the play floor beneath. There are no sensors in the play floor (due to aspects of wear). The product has a wireless internet connection for updates, product monitoring, and so that the customer can change product settings by using the online My Yalp platform. The Sona is explicitly designed for outdoor space usage (but can be used inside too).

TECHNICAL SPECIFICATIONS

Dimensions arch

5 x 0,94 x 3,8 m (L x W x H) (16,4 x 3 x 12,5 ft)

Dimensions play floor artificial outdoor grass

4,5 x 4,5m (14,76 x 14,76 ft)

Signgrass artificial grass fully tufted play floor for outside use

24mm height

Additional: quartz sand necessary: 23kg/m2 (not included)

Pile material Thiolon® TS XT polyethylene yarn, fibrillated, environment-friendly, UV-stabilised

Yarn Dtex 8800/1 Dtex

Cross-section of tapes width: approx. 9 mm

Thickness: approx. 110 μ m

Ø3800mm

MINIMUM REQUIREMENTS

Light Set (standard included)

4 LED spots Altled Asteria MR16 V7, GU5.3

Power consumption: 7 Watt/spot

Beam angle 100 degrees

Intensity Max. 580 lm/spot

Color: Warm white CRI:80

CK 2.950K~3.200 K

Input current 0.8-0,92 A

Lifespan: approximately 30.000 hours

Steel: powder-coated

Camera
Used to detect movement on the play floor (NO sensors in the floor are used because of wear aspects).

Product inner construction
Steel (FE360), powder-coated RAL 9006

Product outer covers (caps)
Polyester, available in all RAL colors

Product outer covers (metal coverplates)
SS 304, powder-coated RAL 9006

Button
Start games with a heavy-duty button for outdoor use.

EAO button, model 56, 10 LEDs.

Internet connection
Wireless 3G/4G on board for continuous data output of statistics (no use of UTP-cables)

My Yalp (Online web-tool)
Online play statistics of the product are visible on My Yalp, sent by live data feed using the 3G/4G wireless internet connection (e.g., which games are played, how many play hours/day).

Remote control
Features of the product can be remotely controlled, e.g., on/ off timer, volume regulation, on/off settings light module, game and language settings, by 3G/4G internet connection

Games
My Yalp users can select the product games in different languages. Several games are pre-installed, and many other games are available on My Yalp. Games are suitable for single or multiplayer and with or without competition. The games have several levels to improve and challenge the players.

Electronic input
230V, output 12 V DC

Energy use
The use of energy is approximately 60W in use, 20W in standby modus, and 12W when shut down (sleep modus)

Electronic parts
Electronic parts are inside a waterproof and dustproof safety box

Certification
General worldwide: Certificate on electrical safety according to CB Scheme, IEC 62368-1:2014.

Europe: CE. Electrical safety: IEC/EN 62368-1. Electromagnetic compatibility and radio: EN 55032, EN 301

489-52, EN 55035.EN 55016-2-1, EN 55016-2-3, EN 61000-3-2, EN 61000-3-3. EN 301 908-1.

USA/CAN: Complies with Electrical Safety: UL 62368-1, UL60950-22, UL50E. CSA 22.2 no. 62368-1

Electromagnetic compatibility and radio: FCC/ISED 15b class B, ANSI C63.4:2014.

AUS/NZ: Electrical safety: SAA 62368. Electromagnetic compatibility and radio: AS/NZS 4268:2017 or EN 300 328

Certified according to NEN-EN 1176

User profile
Accessible for all ages and abilities.

Durability
Weatherproof and suitable for public use in permanently installed outdoor and indoor situations (e.g., playgrounds, public parks, schoolyards, leisure facilities)

Service
Product has an online tool (My Yalp) for service to the product, and it gives the owner the ability to upload new games, check user statistics, and change settings.

Additional
Yalp+, is a web-app available to enable players to challenge each other in a city, a country, or even around the world. https://app.yalp.com/