

Mares Puck 4

Mares Puck 4 Wrist Dive Computer User Manual

Model: Puck 4

1. INTRODUCTION

This manual provides essential information for the proper use, setup, and maintenance of your Mares Puck 4 Wrist Dive Computer. The Mares Puck 4 is an entry-level watch-style dive computer designed for underwater scuba diving, offering intuitive one-button control and advanced features for a safe and informed diving experience.



Image: Front view of the Mares Puck 4 Wrist Dive Computer, displaying depth, no-decompression limit, and time.

2. IMPORTANT SAFETY INFORMATION

WARNING: Diving with a dive computer requires proper training and understanding of dive theory. This device is a tool to assist in safe diving practices, but it does not replace proper training or personal responsibility. Always follow the guidelines of your certification agency and dive within your limits.

- **Read the Entire Manual:** Before using the Mares Puck 4, thoroughly read and understand all instructions and warnings in this manual.
- **Certified Diver:** This device is intended for use by certified divers only.
- **Pre-Dive Checks:** Always perform all necessary pre-dive checks, including battery level, settings, and proper function.
- **Decompression Sickness:** No dive computer can eliminate the risk of decompression sickness (DCS). Always ascend slowly and perform safety stops.
- **Environmental Factors:** Be aware of environmental factors such as currents, water temperature, and marine life that can affect your dive plan.

- **Medical Conditions:** Consult a physician before diving if you have any medical conditions.

3. SETUP AND INITIAL CONFIGURATION

3.1. Battery Installation

The Mares Puck 4 requires one CR2430 battery. Ensure the battery is correctly installed with the positive (+) terminal facing up. Refer to the battery compartment diagram for proper orientation. Always use a new, high-quality battery for optimal performance and safety.



Image: Side view of the Mares Puck 4, indicating the general area for battery access.

3.2. Initial Power On and Basic Settings

Upon first power-on or after a battery change, the computer will guide you through initial setup. This typically includes:

- **Units:** Select metric (meters, Celsius) or imperial (feet, Fahrenheit) units.
- **Time and Date:** Set the current time and date.
- **Personal Settings:** Configure personal conservatism levels if desired.

3.3. Customizable Dive Algorithm (Bühlmann ZH-L16C)

The Puck 4 features the Bühlmann ZH-L16C algorithm with adjustable gradient factors. This allows for personalization of your dive experience, enhancing safety and precision during decompression dives. Consult your dive instructor or advanced dive theory resources to understand how to adjust these factors appropriately for your diving profile.



Image: Close-up of the Mares Puck 4 display, highlighting algorithm and dive data.

3.4. Multigas Capability

The computer supports up to three gases: Air, Nitrox, and Bottom Timer mode. Configure your gas mixtures (e.g., Oxygen percentage for Nitrox) in the settings menu before each dive. Ensure the selected gas matches the gas in your tank.

For detailed instructions on setting gas parameters, refer to the specific section in the full user manual.

4. OPERATING THE MARES PUCK 4

4.1. Single-Button Interface

The Mares Puck 4 operates with a single-button interface for intuitive navigation. Short presses typically cycle through information or menu options, while long presses confirm selections or enter/exit menus. Familiarize yourself with the button functions before diving.



Image: Close-up view of the single control button on the Mares Puck 4.

4.2. Display Information

The crystal-clear segment display, utilizing chip-on-glass technology, provides easy-to-read dive information. Key information displayed includes:

- Current Depth
- No-Decompression Limit (NDL)
- Dive Time
- Water Temperature
- Ascent Rate Indicator
- Battery Level
- Gas Mixture (e.g., O₂ percentage for Nitrox)

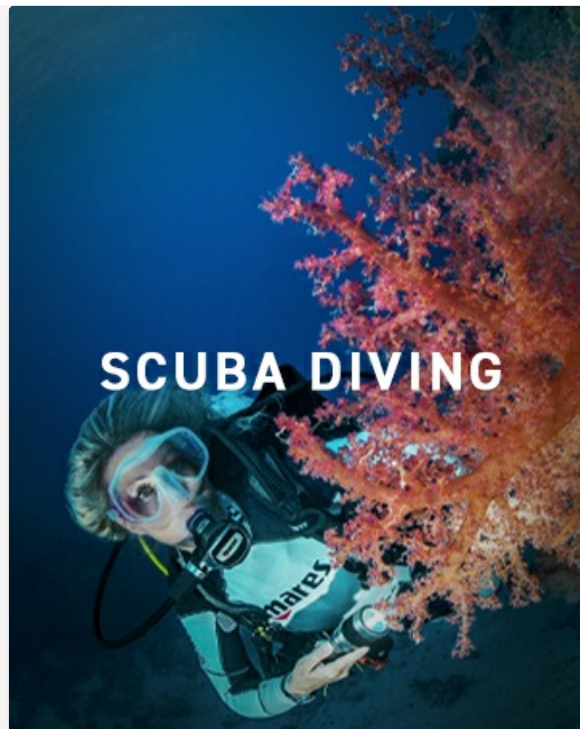


Image: The Mares Puck 4 display showing depth, temperature, no-decompression time, and current time.

4.3. Dive Modes

The Puck 4 supports the following dive modes:

- **Air Mode:** For diving with standard air.
- **Nitrox Mode:** For diving with enriched air nitrox (EAN). Allows setting of O2 percentage.
- **Bottom Timer Mode:** Functions as a depth gauge and timer, without decompression calculations.

4.4. Integrated Bluetooth Connectivity

Effortlessly transfer dive data to your smart device using the integrated Bluetooth. This feature allows for easy data logging and post-dive analysis with the Mares app. Ensure your smart device has the Mares app installed and Bluetooth is enabled for successful synchronization.

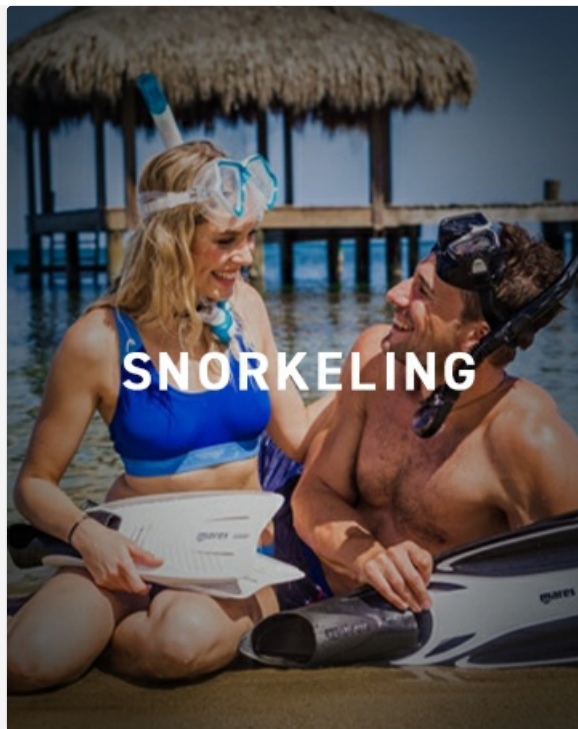


Image: Mares Puck 4 display showing the Bluetooth connection icon.

4.5. Additional Features

- **Decompression Dive Planner:** Plan your decompression dives with surface intervals.
- **Digital Logbook:** Stores up to 100 dives, allowing review of dive profiles and data.
- **Resettable Average Depth:** Track average depth for specific dive segments.

5. CARE AND MAINTENANCE

Proper care and maintenance will extend the life of your Mares Puck 4 dive computer.

- **Rinsing:** After each dive, thoroughly rinse the computer with fresh water to remove salt, sand, and chlorine.
- **Drying:** Dry the computer completely before storage.
- **Storage:** Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace the battery as indicated by the low battery warning. It is recommended to have battery changes performed by an authorized Mares service center to ensure water integrity. If changing yourself, ensure the O-ring is clean, properly seated, and lubricated.
- **Inspection:** Regularly inspect the strap and casing for any signs of wear or damage.

6. TROUBLESHOOTING

If you encounter issues with your Mares Puck 4, consider the following general troubleshooting steps:

- **Display Not Working:** Check the battery level. If low, replace the battery. Ensure the battery is correctly installed.
- **Inaccurate Readings:** Ensure the computer is properly calibrated (if applicable) and that all settings (e.g., units, gas mixtures) are correct.
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the dive computer and your smart

device. Restart both devices and try pairing again. Check the Mares app for updates.

- **Water Leakage:** If you suspect water ingress, immediately rinse the computer with fresh water and contact an authorized Mares service center. Do not attempt to open the device further.

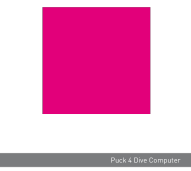
For more detailed troubleshooting or issues not covered here, please refer to the comprehensive Mares Puck 4 user manual or contact Mares customer support.

7. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	414149
Dimensions	6.55 x 5.3 x 5.3 inches
Weight	12.03 ounces
Battery Type	1 x CR2430
Algorithm	Bühlmann ZH-L16C (adjustable gradient factors)
Dive Modes	Air, Nitrox, Bottom Timer
Multigas Support	Up to 3 gases
Connectivity	Integrated Bluetooth
Logbook Capacity	100 dives
Material	Neoprene (strap)
UPC	194151127393

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Mares website. Mares provides customer support for product inquiries, technical assistance, and service requests.
Mares Official Website: www.mares.com
It is recommended to register your product on the Mares website to receive updates and facilitate warranty claims.

	Mares Puck 4 Dive Computer Instruction Manual This comprehensive instruction manual guides users through the features, operation, and maintenance of the Mares Puck 4 Dive Computer. It covers diving modes, settings, alarms, multi-gas capabilities, bottom timer mode, technical specifications, care instructions, warranty, and disposal.
	Mares Puck 4 Dive Computer Instruction Manual Comprehensive instruction manual for the Mares Puck 4 Dive Computer, detailing its features, operation, settings, dive modes, safety warnings, and maintenance for divers.
	Taoglas Comet MA584 4-in-1 Wi-Fi/5G MIMO Antenna Datasheet and Installation Guide Comprehensive technical specifications, installation recommendations, and performance characteristics for the Taoglas Comet MA584, a 4-in-1 2.4-8GHz Wi-Fi/5G MIMO permanent mount puck antenna. Includes electrical, mechanical, and environmental data, as well as antenna characteristics and radiation pattern summaries.
	Z-Wave Puck: Protocol Implementation Conformance Statement This document details the Z-Wave Puck's protocol implementation conformance, outlining its features, supported command classes, and technical specifications for Z-Wave network integration.
	AmerTac Product Catalog: Lighting, Timers, Light Controls, and Consumer Electronics Accessories Explore the comprehensive AmerTac product catalog featuring Westek lighting solutions, Zenith consumer electronics accessories, and a wide range of timers, light controls, and night lights for home and professional use.
	Humminbird and Minn Kota Freshwater Installation Guide Comprehensive guide for installing Humminbird fish finders and Minn Kota trolling motors with i-Pilot Link and MEGA Imaging, detailing component connections and part numbers for optimal boat integration.



Duikcomputer Puck 4

Selection Manual

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Puck 4 Dive Computer

Instruction Manual

[Mares Puck 4 Dive Computer Instruction Manual](#)

This comprehensive instruction manual guides users through the features, operation, and maintenance of the Mares Puck 4 Dive Computer. It covers diving modes, settings, alarms, multi-gas capabilities, bottom timer mode, technical specifications, care instructions, warranty, and disposal.

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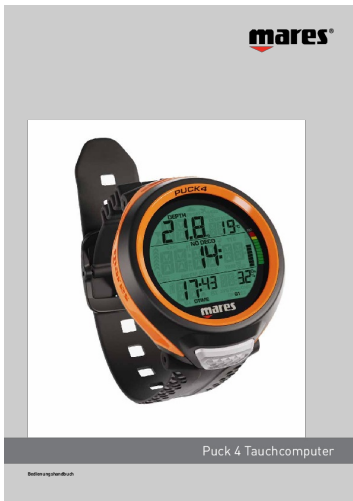
Puck 4 Dive Computer

Instruction Manual (PDF 1.00-01102023)

[Mares Puck 4 Dive Computer Instruction Manual](#)

Comprehensive instruction manual for the Mares Puck 4 Dive Computer, detailing its features, operation, settings, dive modes, safety warnings, and maintenance for divers.

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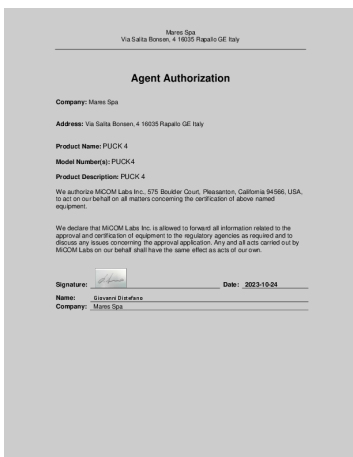


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Bedienungsanleitung Mares Tauchcomputer Puck 4 für Luft und Nitrox gelb Günstig kaufen! Puck4 tauchversand media e1 32 a9 |||

Bedienungshandbuch **Puck 4** Tauchcomputer INHALT WICHTIGE WARNUNGEN HAFTUNGSAUSSCHLUSS TEIL I 1. EINLEITUNG 1.1. GLOSSAR 1.2. BETRIEBSMODI 1.3. VOM BENUTZER AUSTAUSCHBARE BATTERIE 1.4. KOMMUNIKATION BER BLUETOOTH 1.5. TASTENBEDIENUNG 2. MENS UND EINSTELLUNGEN 2.1. EINSTELLUNG SET 2.1.1. MODU...

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[pdf] Agent Authorization

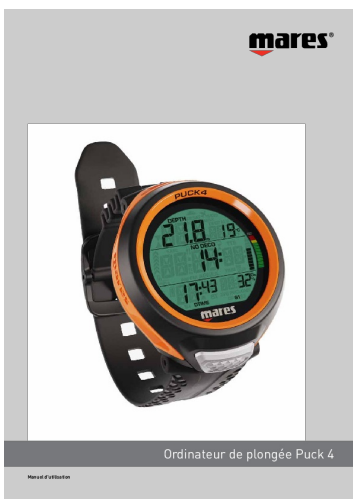
PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization Rev 1 0

Mares Spa PUCK4 PUCK 4 2AIKSPUCK4 puck4

Mares Spa Via Salita Bonsen, 4 16035 Rapallo GE Italy Agent Authorization

Company: Mares Spa Address: Via Salita Bonsen, 4 16035 Rapallo GE Italy Product Name: **PUCK 4** Model Number s : PUCK4 Product Description:**PUCK 4** We authorize MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, US...

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[pdf] Catalog

Ordinateur de plongée Puck 4 Au Vieux Campeur Le peut communiquer par Bluetooth à faible puissance directement vers un smartphone avec les applications MARES ou MySSI afin transférer les 1336058 1 auvieuxcampeur fr media catalog product documents |||

Manuel d utilisation Ordinateur de plongée **Puck 4** TABLE DES MATIRES AVERTISSEMENTS IMPORTANTS AVERTISSEMENT PARTIE I 1. INTRODUCTION 1.1. GLOSSAIRE 1.2. MODES DE FONCTIONNEMENT 1.3. BATTERIE REMPLAABLE 1.4. COMMUNICATION PAR BLUETOOTH 1.5. FONCTIONNEMENT DES BOUTONS 2. MENUS ET RGLAGES 2.1. RG...

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Mares Spa
Via Salita Bonsen, 4 16035 Rapallo GE Italy

Section 2.911(d) USA Agent for Service of Process
FCC ID: 24AKSPUCK4
24AKSPUCK4 USA Agent for Service of Process

We, Mares Spa ("the applicant"), designate Mares Diving Division of HEAD USA Inc. ("we") for the purpose of accepting service of process on behalf of the applicant.

Applicant statement: The undersigned can construct or arrange service of process in the United States for matters related to the applicant's equipment, and at least one (1) other individual authorized to accept service of process and attorney for the applicant or the applicant's authorized agent for service of process in the United States for matters that arise after the parties have previously commenced all necessary and appropriate of the applicant's equipment within the U.S., or the protection of any Commission-related administrative or judicial proceeding involving the applicant's equipment.

Agent statement: The undersigned can accept service of process in the United States for matters related to the applicant's equipment in the United States, and at least one (1) other individual authorized to accept service of process and attorney for the applicant or the applicant's authorized agent for service of process in the United States for matters that arise after the parties have previously commenced all necessary and appropriate of the applicant's equipment within the U.S., or the protection of any Commission-related administrative or judicial proceeding involving the applicant's equipment.

USA Agent	Applicant
Company: Mares Diving Division of HEAD USA Inc. Address: 10000 N. 10th Street, Suite 100 Bozeman, MT 59717-1000 Phone: (406) 596-1000 Contact Name: Mares Lamphear Telephone No.: (406) 596-1000 Email: mares@headusa.com	Company Name: Mares Spa Address: Via Salita Bonsen, 4 16035 Rapallo GE Italy Phone: (010) 39 010 28 13 07 42 00 Contact Name: Giovanni Di Stefano Telephone No.: (010) 39 010 28 13 07 42 00 Email: gdi@marespa.com

Signed:
Steven R. Lamphear
Authorized Representative of the Applicant
Date: 2023-10-12

Signed:
Giovanni Di Stefano
Authorized Representative of the Applicant
Date: 2023-10-12

NOTE 1: An applicant designating a third party may designate itself as the agent for service of process.

Reference: Public Notice Concerning 24AKSPUCK4 and 24AKSPUCK4
<https://www.fcc.gov/om/eas/24AKSPUCK4> and <https://www.fcc.gov/om/eas/24AKSPUCK4>

2.911(d) USA Agent for Service of Process

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Mares Spa Via Salita Bonsen, 4 16035 Rapallo GE Italy Section 2.911 d 7 USA Agent
for Service of Process FCC ID: 2AIKSPUCK4 2.911 d 7 USA Designated Agent for
Service of Process We, Mares Spa the applicant designate Mares Diving Division of
HEAD USA Inc. NOTE1 for the purpose of accepti...
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Mares Spa
Via Salita Bonsen, 4 16035 Rapallo GE Italy

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Date: 09-28-2023
Ref: Attestation Statements Part 2.911(d)(6) Filing
FCC ID: 24AKSPUCK4

[Mares Spa ("the applicant") certifies that, as of the date of the filing of the application, the applicant is
and identified as the General List as an entity producing "covered" equipment.]

Sincerely,

(Applicant signature)
(Giovanni Di Stefano)
Giovanni Di Stefano
2023-09-28
13:07:42:00

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APPLICANT S LETTERHEAD Sid Sanders 2 911 d 5 ii Certification Applicant v1 Mares Spa PUCK4
PUCK 4 2AIKSPUCK4 puck4
Mares Spa Via Salita Bonsen, 4 16035 Rapallo GE Italy Federal Communications
Commission Authorization and Evaluation Division 7435 Oakland Mills Road
Columbia, MD 21046 USA Date: 09-28-2023 Ref: Attestation Statements Part 2.911 d
5 ii Filing FCC ID: 2AIKSPUCK4 Mares Spa the applicant certi...
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Mares Spa
Via Salita Bonsen, 4 16035 Rapallo GE Italy

Office of Engineering Technology
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: Request for Confidentiality
FCC ID: 24AKSPUCK4 Date: 2023-09-28

To Whom It May Concern,
Pursuant to the provisions of the Commission's rules Title 47 Sections 60.457 and 60.459, we
are requesting the Commission to withhold the following attachment(s) as confidential
documents from public disclosure:

These documents contain detailed system and equipment descriptions and are considered as
proprietary information in operation of the equipment. The public disclosure of these documents
might be harmful to our company and would give competitors an unfair advantage in the market.

☒ Schematic Diagram
☒ Block Diagram
☒ Parts List
☒ Operational Description
☒ Tune-up Procedure

In addition to above mentioned documents, in order to comply with the marking regulations
in Title 47 CFR 60.457 and the information rules in Title 47 CFR 60.459, while ensuring that
business sensitive information remains confidential until the actual marketing of newly
authorized devices, we request (Short Term Confidentiality) of the following attachment(s):

☒ External Photos
☒ Test Setup Photos
☒ Internal Photos
☒ User Manual

☒ For 45 days, pursuant to Public Notice DA 04-1705,
CAI
☐ For 180 days pursuant to NAB 720600 D01.

It is our understanding that all measurement test reports, FCC ID label format and
correspondence during the certification review process cannot be granted as confidential
documents and the information will be available for public review once the grant of equipment
authorization is issued.

Sincerely,
Contact person: Giovanni Di Stefano
Giovanni Di Stefano
2023-09-28
13:07:42:00

[pdf] Confidentiality Request Letter

Fiona Ffuellenbach FCC Short Long Term Confidentiality Request Mares Spa PUCK4 PUCK 4
2AIKSPUCK4 puck4
Mares Spa Via Salita Bonsen, 4 16035 Rapallo GE Italy Office of Engineering
Technology Federal Communications Commission 7435 Oakland Mills Road
Columbia, MD 21046 USA Subject; Request for Confidentiality FCC ID: 2AIKSPUCK4
Date: 2023-09-28 To Whom It May Concern, Pursuant to the provisions of th...
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APPLICANT S LETTERHEAD Sid Sanders 2 911 d 5 i CertificationEquipmentTypev1 Mares Spa PUCK4 PUCK 4 2A1KSPUCK4 puck4

Mares Spa Via Salita Bonsen, 4 16035 Rapallo GE Italy Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 USA Date: 09-28-2023 Ref: Attestation Statements Part 2.911 d 5 i Filing FCC ID: 2A1KSPUCK4 Mares Spa the applicant certif...
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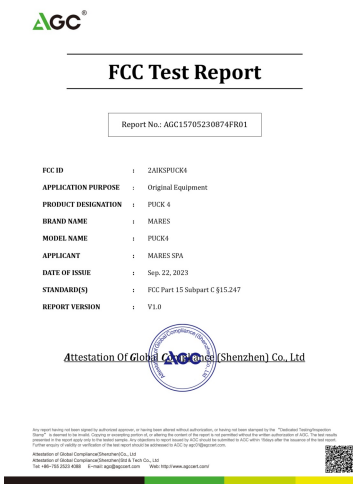


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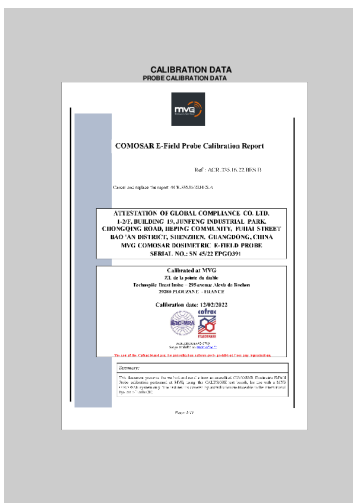


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Test Report Mares Spa PUCK4 PUCK 4 2AIKSPUCK4 puck4

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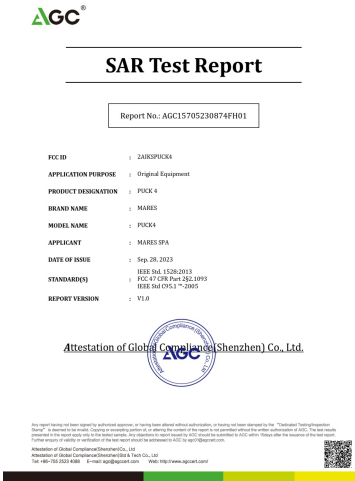


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[pdf] SAR Rating

FCC SAR Health Report Mares Spa PUCK4 PUCK 4 2AIKSPUCK4 puck4

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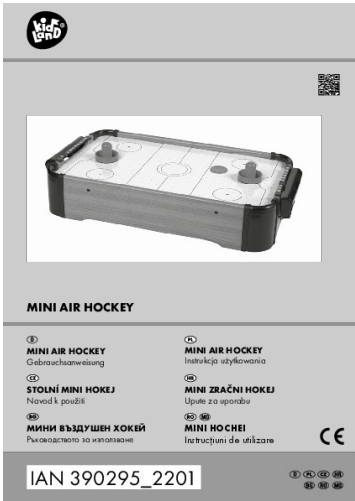


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[pdf] User Manual

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