



Product Catalog

2026

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OUR COMPANY

Founded in Sardinia (Italy) in 2010, Dialog Ausili srl is the first Italian company to develop electromedical devices for communication. With fifteen years of experience and daily contact with our clients through a dedicated helpdesk service, we design increasingly effective solutions, driven by an in-depth understanding of the real needs of people with disabilities.

Our Assistive Technology devices and Assistive Care services are available throughout Italy, where we hold a leading national position. Since 2018, our products have been distributed in Italy by Sapio Life, a multinational leader in the production and distribution of industrial and medical gases, also active in France, Germany, Spain, Slovenia, and the United Kingdom.

In February 2021, we began our international expansion, which has led to collaborations with distributors all over the world.

DIALOG 30



OUR EXPERTISE

“Every person, regardless of the degree of disability, has the fundamental right to influence the conditions of their life through communication.”

National Joint Committee for the Communication Needs of Persons with Severe Disabilities, 1992.

Our offering is designed to meet the needs of individuals with neuromotor disabilities, including patients with ALS, SMA, Parkinson’s disease, and other conditions, as well as those who experience difficulties with communication, writing, or various cognitive impairments.

Our goal is to promote autonomy and communication, placing each person and their specific needs at the center. Every individual interacts with medical devices in a unique way; for this reason, we adopt a flexible and personalized approach aimed at identifying the most effective solution for every situation.

Dialog Ausili invests continuously in research and development, delivering cutting-edge technologies and working in collaboration with research institutes, healthcare facilities, and organizations specializing in the field.



SOFTWARE

Software

Our software solutions are designed to support individuals with speech disorders, motor disabilities, or neurodegenerative conditions through intuitive and highly customizable interfaces. Dialogo AAC and Matrix AAC allow the creation of tailored communication environments, transforming symbols, grids, and printed books into accessible and dynamic digital tools.



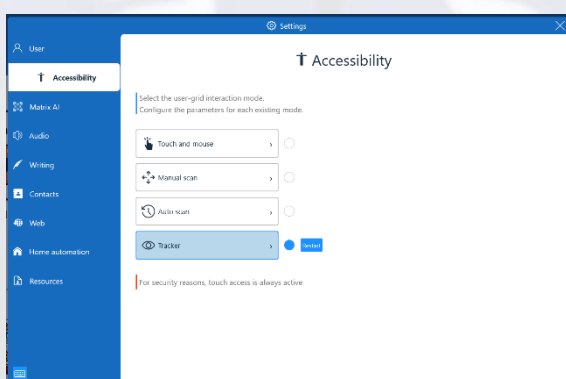
Matrix AAC



Dialogo AAC

Matrix AAC

Matrix AAC is an intuitive AAC software designed for individuals with speech disorders, autism, and neurodegenerative conditions. It runs on Windows, iOS, and Android, and comes with free content tailored to every need. Full compatibility with all Sapi5 TTS voices and several TTS libraries simplifies access to easy, natural communication.



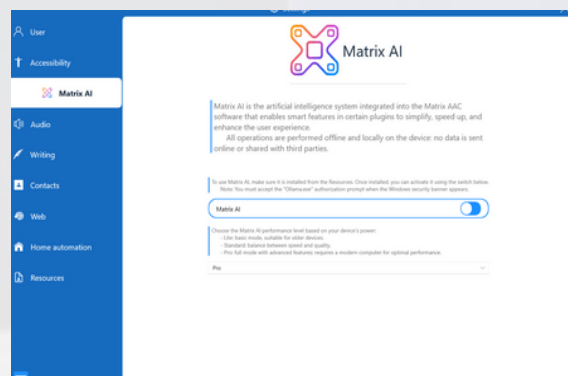
Accessibility

Matrix AAC offers three access modes for different motor and cognitive abilities: touch and mouse, manual / automatic scanning, and eye-tracking for users with minimal mobility but preserved eye control. Compatible devices include Dialog DEYE, Eyetech TM5 mini, Alea IntelliGaze, and Control Bionics sensor NeuroNode.

Matrix AI

The Matrix AI module assists users in writing and communication, offering text and AAC symbol correction, sentence completion, natural language responses, multilingual translation, and personalized actions. It adapts to each user's specific needs, progressively enhancing the quality and speed of communication.

It works completely offline.



Matrix AAC

Home Automation

Matrix AAC integrates home automation through multiple protocols: infrared via UIRT, radio frequency via EasyWave and Z-Wave, and Wi-Fi through Home Assistant. This software integration lets users control multiple devices (e.g. lights, appliances, thermostats) from a single interface, eliminating the need to press different physical buttons.

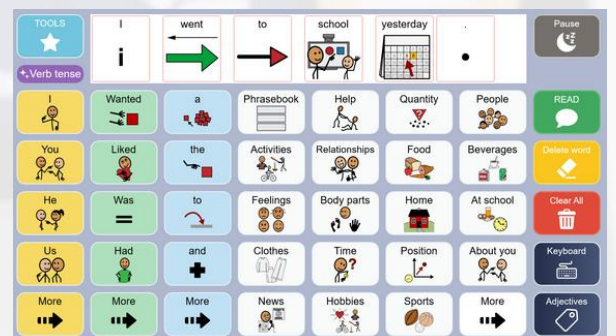


Images and symbols

Matrix AAC supports images and pictograms in various formats and includes free SymbolStix and Widgit libraries. Users can also freely download ARASAAC pictograms, use METACOM, import images from the web or local storage, or capture photos using the device's camera.

Grammar module

The grammar module of Matrix AAC enables automatic and accurate verb conjugation, adapting to the selected subject and tense. It ensures correct grammatical construction at all times, promoting smooth and natural communication.



Dialogo AAC

Dialogo AAC is an advanced Augmentative and Alternative Communication solution, letting users build fully customizable communication structures. Its integrated editor adapts content, commands, and grid layout to each user's needs. Three access modes (touch/mouse, scanning, and eye-tracking) support every motor ability, ensuring an effective experience for all.



Ease of use

Thanks to an intuitive interface and minimal training, caregivers can easily adjust cell number, shape, and content, quickly adding images and commands. Dialogo AAC also supports libraries like Arasaac and SymbolStix for automatic download, plus images from the web, local storage, or the device's camera.

DCloud platform and web features

With DCloud, users get free, unlimited access to hundreds of ready-to-use, fully customizable structures created by professionals for communication, education, and autonomy, and can safely share their own creations with the community. New web and social features bring online communication, connecting to WhatsApp and Facebook.





EYE-TRACKING DEVICES

Eye-trackers

The Deye eye-tracking system is designed for individuals with severe motor disabilities. It supports binocular and monocular eye tracking, to accomodate specific user conditions.

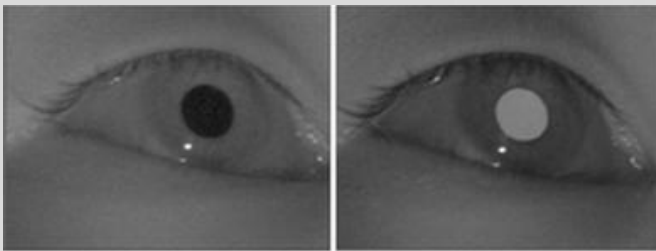
The Deye is a reliable solution that restores autonomy, communication, and environmental control, even in highly complex situations.



● Deye

Deye

Deye is a mouse emulator that uses Dark Pupil and Bright Pupil technologies. It ensures precision and accuracy through binocular tracking, with the flexibility to track a single eye when specific issues or conditions are present. Deye enables communication for individuals with neuromotor disabilities (such as ALS, SMA, and tetraplegia) and for anyone experiencing speech or writing difficulties.

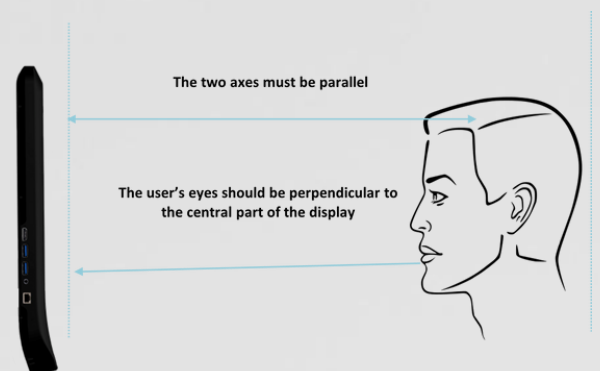


Key features

The system is highly tolerant of glasses or contact lenses, as well as voluntary and involuntary head movements. It is equipped with two high-resolution CMOS and CCD cameras and three infrared illuminator arrays: one on the optical axis (Bright Pupil) and two lateral pairs (Dark Pupil).

Positioning and calibration

The most important step in setting up an eye-tracking system is the correct positioning of the device, assisted by a dedicated light indicator. The Deye requires only a single calibration: once completed, the system is immediately ready for use. Each calibration is automatically saved in the eye-tracker software in chronological order, allowing the operator to easily select the desired one.



Deye

Deye tool

The Deye Tool, included with the device, allows users to configure the eye-tracker, set parameters, and perform calibration to optimize system use. It is compatible with Dialogo AAC and Matrix AAC communication software, as well as other augmentative and alternative communication programs.



Technical specifications

Tracking Technologies: Dark and Bright Pupil

Cameras: 2

Head Movement Tolerance: over 15%

Frequency: 40 Hz to 200 Hz

User Distance (recommended): 40–80 cm; detection range: 40 cm to 2 m

Accuracy: no greater than 0.4, approximately 0.3

Spatial Resolution: approximately 0.25, no greater than 0.5 cm

Connector: USB A 3.1 – Type C

Width (front): 27.6 cm

Height (front): 4 cm at edges, 4.6 cm at center

Depth (top): 2.2 cm at edges, 5.2 cm at center

Weight: 0.40 kg

Minimum device requirements for using Deye

Processor: Quad-Core Intel i3 – 2.3 GHz

RAM: 8 GB DDR4 1633 MHz

Storage: 256 GB SSD/HDD



COMMUNICATORS

Communicators

Our communicators are devices designed to support communication and environmental interaction for individuals with cognitive and/or motor disabilities. They offer customizable features and are compatible with advanced assistive technologies, such as eye-tracking systems.



Dialog X3pro



Dialog 3.0



Dpad Max pro



DroidPad X1



newDPAD

Dialog X3pro

Compact, complete, and ready to use, Dialog X3pro is a 14" electromedical communicator with a touchscreen and Windows 11, designed for users with severe motor disabilities. It offers the perfect balance between portability and performance, while maintaining all the features needed for effective communication and advanced environmental control.



Adaptive communication solutions

The Matrix AAC software, configurable according to age, abilities, and goals, allows for addressing complex communication needs.

Access is available via touchscreen, external sensors, or eye-tracking, the most commonly used method. Thanks to compatibility with VESA-mounted stands, it is ideal for installation on a wheelchair, bed, or table.

Flexibility and integration

In terms of connectivity, Dialog X3pro features an infrared UIRT sensor and radiofrequencies with an optional Easywave interface. With five switch inputs, a webcam, USB ports, and VESA support, it easily adapts to both mobile and fixed setups, ensuring maximum flexibility.



Dialog X3pro

Technical specifications

Display: 13" LED touchscreen
Resolution: 1920 x 1080 px, Full HD
Dimensions: 36 x 31 x 3.0 cm
Integrated Switch: 5 inputs
Weight: 1.4 kg
Inputs/Ports: 3 USB 3.1 ports, 1 USB Type-C full function port
Network Card: Ethernet RJ45 1 Gb
Webcam: Integrated 3 MP
RAM: 16 GB DDR4
Storage: 512 GB SSD (primary) expandable to 2 TB + 1 microSD slot
Battery: 8000 mAh, 6-cell
VESA: 10 x 7.5 cm
Bluetooth: 4.2
Wi-Fi: dual band 2.4 GHz and 5 GHz
IR: UUIRT built-in
RF Module: Optional (EasyWave / Z-Wave)
Pen & Touch: Supports 10 touch points
Processor: Intel Core i5-1235U, 10 core @ 4.4 GHz
Operating System: Windows 11

Dialog 3.0

Dialog 3.0 is a 15.6" electromedical communicator with a touchscreen, designed for users with severe neuromotor impairments. Based on Windows 11 and compatible with major eye-tracking systems, it allows full control of the device and the home environment even in the absence of voluntary movements, providing a stable, professional, and complete solution.

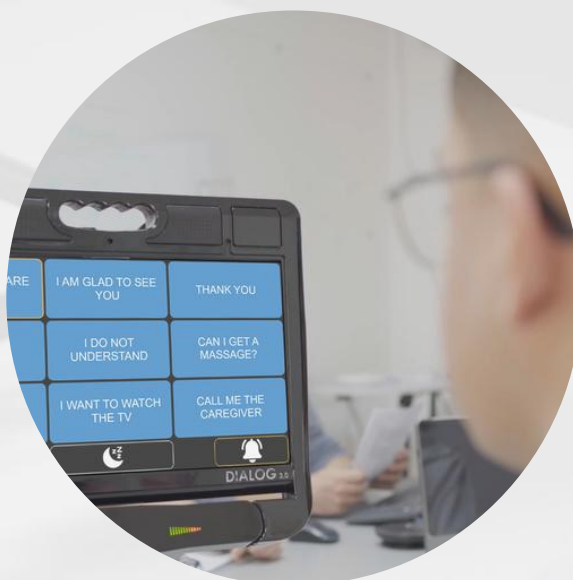


Advanced accessibility

This device supports multiple access modes: touch, sensors, and, most notably, eye-tracking, the most widely used method. Mounted on table, bed, or wheelchair stands, it integrates Matrix AAC software, making it ideal for adults with complex communication needs.

Integrated control

For environmental control, Dialog 3.0 is equipped with an infrared UIRT sensor, and an optional Easywave interface, useful for controlling devices not reachable via IR. Featuring five switch inputs, USB ports, and VESA support, it integrates easily into home, clinical, and educational settings.



Dialog 3.0

Technical specifications

Display: 15.6" LED touchscreen
Resolution: 1920 x 1080 px FULL HD
Dimensions: 40 x 33 x 4.3 cm
Integrated Switch: 5 inputs
Weight: 2.0 kg
Inputs/Ports: 3 USB 3.1 ports, 1 USB Type-C full function port
Network Card: Ethernet RJ45 1 Gb
Webcam: Integrated 3 MP
RAM: 16 GB DDR4
Storage: 512 GB SSD (primary) expandable to 2 TB + 1 microSD slot
Battery: 8000 mAh, 6-cell
VESA: 10 x 10 cm
Bluetooth: 4.2
Wi-Fi: dual band 2.4 GHz and 5 GHz
IR: UUIRT built-in
RF Module: Optional (EasyWave / Z-Wave)
Pen & Touch: Supports 10 touch points
Processor: Intel Core i5-1235U, 10 core @ 4.4 GHz
Operating System: Windows 11

DPad Max pro

DPad Max Pro is a 12.1" touchscreen speech communicator running on Windows 11, designed to provide a smooth and continuous user experience. Its compact design and high-performance components make it ideal for users with complex disabilities, suitable for both mobile use and fixed setups.



Accessibility options

It supports touchscreen, USB/Bluetooth sensors, and eye-tracking, adapting to the most appropriate access method. It comes with Dialogo AAC and Matrix AAC software to meet diverse communication needs: from non-verbal children to adults with progressive neurological conditions, such as ALS, from early to advanced stages. Each configuration is fully personalized to ensure continuity and effectiveness.

Connectivity and environmental control

DPad Max Pro features Wi-Fi, Bluetooth, dual cameras, an external speaker, and a long-lasting battery. VESA mounting allows installation on a wheelchair or table stands, and optionally, it can be equipped with an external infrared interface for extended environmental control.



DPad Max pro

Technical specifications

Display: 12.1" Full HD LCD

Resolution: 2160 x 1440 px

Dimensions: 33 x 31 x 3 cm

Built-in Gravity Sensor

External Bluetooth Speaker

Weight: 1.2 kg

VESA: 10 x 10 cm

Webcam: Front 2.0 MP – Rear 5.0 MP

RAM: 8 GB

Internal Storage: 256 GB

Bluetooth: 4.2

Wi-Fi: 802.11 b/g/n/ac

Power DC: 12 V

Battery: Rechargeable 5000 mAh lithium polymer – 7.6 V

Processor: CPU N100

Operating System: Windows 11

DroidPAD X1

NEW

The DroidPAD X1 is an 11" AAC touchscreen device running on Android 16, enabling seamless, on-the-spot exchanges. Slim, light, and comfortable to hold, it is the right solution for those looking for a functional, lightweight, and accessible device.



Adaptive communication solutions

Compatible with both touchscreen and eye-tracking input modalities, the device runs the Matrix AAC app, a communication software designed for non-speaking users, individuals in early stages of language development, and older adults with cognitive decline. Its interface is built on simplified, structured layouts that support consistent and effective communication outcomes.

Designed for daily use

With Wi-Fi, dual cameras, expandable memory, and a long-lasting battery, DroidPAD X1 supports users in daily activities, facilitating communication and independence across various environments, from home to school and therapy.



DroidPAD X1

NEW

Technical specifications

Display: 11"

Dimensions: 25.6 × 16.8 × 0,75 cm

Resolution: 1920 x 1200 IPS Incell

Weight: 0.5 kg

Internal Storage: 128 GB

Memory Card: Micro SD

RAM: 6 GB

Processor: MediaTek Helio G99 (MT6879)

Operating System: Android 16

Wi-Fi: 802.11 ac/b/g/n

Bluetooth: 5.0

Video: Full HD 1080p

Voice Recording: Built-in microphone

Webcam: Front 5 MP / 8 MP – Rear 5 MP / 8 MP / 13 MP

Battery: Rechargeable lithium polymer 3.8V, 8000 mAh

newDPAD

The newDPAD is a 10.1" touchscreen speech communicator running on Windows 11, designed for natural and immediate interaction. Lightweight and easy to handle, it is the ideal choice for those seeking a practical, portable, and user-friendly device.



Adaptive communication solutions

Optimized for touchscreen and external USB/Bluetooth sensors, it includes Dialogo AAC software designed to support communication for non-verbal children or those with emerging language skills, as well as older adults with cognitive impairments. The interface helps users communicate effectively using simple structures.

Designed for daily use

With Wi-Fi, dual cameras, expandable memory, and a long-lasting battery, newDPAD supports users in daily activities, facilitating communication and independence across various settings, from home to school and therapy.



newDPAD

Technical specifications

Display: 10.1" Multitouch IPS LCD

Dimensions: 25.7 × 17.2 × 1.03 cm

Resolution: 1920 x 1080 HFFS Wide

Weight: 0.57 kg

Internal Storage: 128 GB

RAM: 8 GB

Memory Card: Micro SD slot

Wi-Fi: 802.11 b/g/n

Video: Full HD 1080p

Voice Recording: Built-in microphone

Processor: CPU J4125

Operating System: Windows 11

Webcam: Front 2 MP – Rear 5 MP with autofocus

Battery: Rechargeable lithium polymer 7.6V, 4000 mAh



MOUNTS

Floor stands

Floor stands are supports designed to facilitate the use of communicators and computer devices for individuals who need to remain in bed, suitable for both home and hospital settings.



D-Stand

D-Stand

D-Stand is a stand designed to make device use easier for bedridden users. It features an extendable arm with a swivel head, height adjustable via a gas piston, and four wheels for stability and mobility. It is compatible with all Dialog Ausili devices as well as VESA and third-party stands.



The Ideal stand

Thanks to its sturdy and adjustable structure, the D-Stand easily adapts to various usage settings, providing reliable support at home or in healthcare environments.

The D-Stand enhances device accessibility, promotes user independence, and also facilitates the work of caregivers.

Technical specifications

Open dimensions: 161.5 × 76 × 60 cm

Closed dimensions: 99 × 76 × 60 cm

Load capacity: 7.0 kg

Stand weight: 7.5 kg

Material: Aluminum, nylon

Color: Gray and black

Wheelchair mounts

The wheelchair mounts from the Handy line offer four reliable variants, compatible with VESA mounting systems and third-party quick-release mounts.

Made with high-quality standard knobs and D-Clamp technology, they ensure high stability and reduce vibrations during movement. All models feature the D-Safe safety system for reliable use in any situation.



Handy D1



Handy D2



Handy D3



Handy D4

Wheelchair mounts

Handy D1

Handy D1 is a wheelchair mount with the D-Safe safety system, compatible with medium-weight devices. It is made up of three aluminum tubes, adjustable in various positions via a knob-operated joint system.

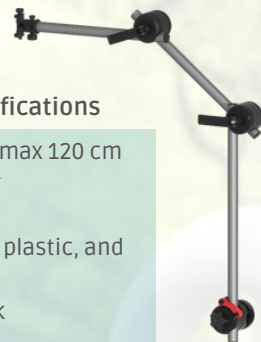


Technical specifications

Height: min 60 cm – max 120 cm
Load capacity: 7.0 kg
Stand weight: 1.9 kg
Material: Aluminum, plastic, nylon
Color: Gray and black

Technical specifications

Height: min 60 cm – max 120 cm
Load capacity: 3.5 kg
Stand weight: 1.2 kg
Material: Aluminum, plastic, and nylon
Color: Gray and black



Handy D2

The Handy D2 wheelchair mount, equipped with the D-Safe safety system, is compatible with all types of wheelchairs. Designed to support communicators and heavy devices, it features a double tube and two additional aluminum tubes, adjustable through joints with sturdy handles.

Handy D3

The Handy D3 wheelchair mount, equipped with the D-Safe safety system, is designed to support devices such as tablets and mini-PCs. It features three aluminum tubes adjustable in various positions through joints and knobs with enhanced grip for secure fastening.



Technical specifications

Height: min 60 cm – max 120 cm
Load capacity: 400 g
Stand weight: 1.7 kg
Material: Aluminum, plastic, and nylon
Color: Gray and black

Technical specifications

Height: min 60 cm – max 120 cm
Load capacity: 2.0 kg
Stand weight: 1.0 kg
Material: Aluminum, plastic, and nylon
Color: Gray and black



Handy D4

The Handy D4 wheelchair mount, equipped with the D-Safe safety system, is the ideal solution for using adapters, sensors, and buttons with direct 1/4 and 3/8 adapter mounts.

Table mounts

Table mounts are available in three variants: Gantry, Flexi, and Handy D5. They provide practical solutions for the safe and convenient positioning of communication devices.

They are made with mounting systems such as clamps, suction cups, and tripods, ensuring precise adjustment of the devices and easy adaptation to various surfaces and usage contexts.



Handy D5



Gantry

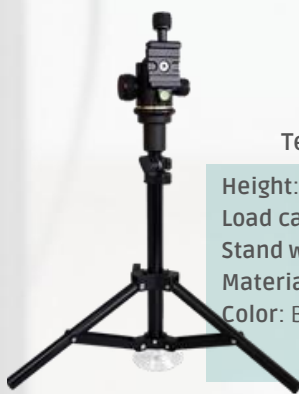


Flexi

Table mounts

Handy D5

The Handy D5 table mount, equipped with a universal mounting system, is designed for installation on stable and solid surfaces thanks to a sturdy clamp.



Technical specifications

Height: min 45 cm – max 60 cm
Load capacity: 7.0 kg
Stand weight: 1.5 kg
Material: Aluminum alloy
Color: Black

Technical specifications

Height: 50 cm
Length: 40 cm
Load capacity: 5 kg
Stand weight: 1.5 kg
Material: Aluminum, plastic, and metal
Color: Gray and black



Gantry

Gantry is a table mount designed to provide a stable and correct positioning of communication devices.

It features an adjustable tripod, suction cup for surface mounting, and a quick-release attachment system.

The height is adjustable from 45 to 60 cm and it supports devices up to 7 kg.

Flexi

Flexi is a table mount ideal for mounting sensors and switches.

Thanks to its flexible “octopus-style” legs, it can be easily attached to uneven surfaces, wheelchair tubes or table edges.

The articulated head allows angle adjustment, providing maximum freedom of positioning.

Technical specifications

Maximum height (folded): 28 cm
Maximum width (opened): 40 cm
Load capacity: 400 g
Stand weight: 150 g
Material: ABS plastic
Color: Black



Wall mounts

Wall mounts are designed to provide a stable solution for positioning communication or control devices in environments where space is limited or where it is necessary to keep the area around the user free of obstacles. Ideal for bedridden users, they allow easy access to devices without interfering with caregiving activities or movement.



Easy Arm

Easy Arm

Easy Arm is a wall-mounted stand with an adjustable arm, designed not to obstruct movement around a bedridden patient. Once attached to a solid wall, it allows the installation of a communicator with an adjustable swivel head, enabling precise positioning of the device in relation to the user's face.



Versatile use

The arm can be rotated up to 180° and its length is adjustable from 75 cm to 125 cm, offering maximum flexibility of use. Once positioned, the device can be fully locked using a knob system, ensuring stability and safety. Easy Arm can support devices up to a maximum of 4.5 kg, making it a practical solution for home or hospital environments.

Technical specifications

Extension (from wall bracket): min 75 cm – max 125 cm

Load capacity: 4.5 kg

Stand weight: 3.0 kg

Material: Aluminum alloy

Color: Black

Tablet support

The tablet mount provides a stable and secure base for the tablet and the Deye eye tracker, ensuring optimal screen visibility and intuitive eye interaction. Robust, practical, and versatile, it easily integrates into various environments.



Universal Tablet Support

Universal Tablet Support

Our universal tablet support offers a versatile and reliable solution. The top section is designed to hold your tablet securely, supporting models with a width of 22.5 cm to 33 cm, a height of 13.5 cm to 25 cm, and a thickness of 6 mm to 11 mm.



Integration with Deye

The lower part has been specifically designed to allow the attachment of the Deye, our eye-tracking device. This unique feature perfectly integrates the tablet with the eye control system.

Technical specifications

Tablet Width: from 22.5 cm to 33 cm

Tablet Height: from 13.5 cm to 25 cm

Tablet Thickness: from 6 mm to 11 mm

Weight: 0.40 kg

Color: Black



ACCESSORIES

Accessories

Accessories represent a fundamental support for improving the interaction between the user and communication or computing devices. Designed to ensure accessibility, comfort, and practicality, these tools are conceived to adapt to diverse needs, whether in educational, rehabilitative, or daily settings.



Dswitch20



AbilKEY cognitive



AbilKEY visually impaired

Accessories

Dswitch20

The Dswitch20 is a compact interface box featuring 20 inputs (16 fixed + 4 switchable). It connects to PCs or communication devices via Bluetooth, eliminating the need for cables.

Compatible with sensors featuring a 3.5 mm jack, it allows for the simple and intuitive management of commands and communication softwares.

It is powered by a long-life battery and is ideal for daily use thanks to its practical and portable design.



AbilKEY cognitive

The AbilKEY Cognitive (colored version) makes learning more intuitive and fun.

The keys, which are 30% larger than those of a standard keyboard, ensure greater comfort and precision when typing.



AbilKEY visually impaired

AbilKEY visually impaired is designed to facilitate typing for people with visual disabilities.

The keys, which are 30% larger than those of a standard keyboard, feature black characters on a white background to ensure excellent readability and reduce visual fatigue.





Innovation for communication

For orders, custom requests, or to find out more,
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