DYNAMIC COMMUNICATOR
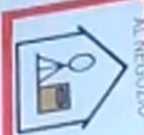
Dpad Max pro

Each person, regardless of the degree of disability, has the right to influence, through communication, the conditions of its own life.

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

Presentation and intended use

The **DPadMaxPro** is a 12,1" touchscreen and Electromedical Device with Windows 10 Operating System and it adds the functionality of a voice communicator to the features of common tablet.

It is designed to intercept and meet the technical and communicative needs of people with locomotor and/or cognitive disorders, particularly suitable to conditions such as autism.

It is also suitable for people with more impaired neuromotor abilities and/or dystonia, particularly suitable to conditions such as ALS, SMA, and Tetraplegia.

Windows

Shockproof shell and positioning methods

Its design is understood to provide users with different methods of positioning thanks to its comfortable and foldable handle. This last one, with its anatomical design, it also allows the device to be carried easily and safely.

The DPadMax Pro is equipped with a shell that ensures its integrity in the event of accidental drops. Such events are particularly frequent at the occurrence of so-called "problem behaviours", arising from the difficulty or inability to communicate.

The protective case, made of Ethylene Vinyl Acetate material, is nontoxic, shockproof, elastic, flexible, durable and dielectric.

In conclusion, on the back side, there are four threaded holes positioned compatibly with the VESA cross, so that the DPadMax Pro can be attached to any type of stand such as table stands, floor or wheelchair mounts.

Interchangeable shields

The protective shell of the DPadMax Pro allows the insertion of interchangeable shields.

These shields, made of plastic material, allow the device to be used by patients with locomotor problems and/or dystonia.

The standard equipment consists of three grids, compatible with the most commonly used layout in the creation of structures.

In case the user uses a structure with a particular layout, it is possible, upon request, to purchase one or more customized grids that will be custom designed and printed.
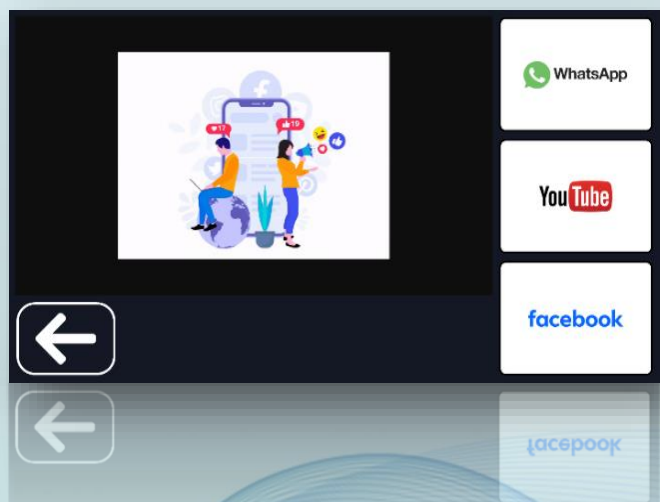
Software Dialogo AAC

Dialogo AAC software, integrated in the device, offers the possibility to communicate especially to those with complex communication needs as well as those with autism spectrum disorders.

It enables the creation of structures for the Augmentative and Alternative Communication (AAC) in a simple and intuitive way, transforming classic paper notebooks into customizable and interactive works.

It is possible to create works for teaching, personal autonomy, tests with reports, social stories, keyboards and inclusive games; With Dialogo AAC software the user can control electronic devices such as lights, TVs, beds, alarms or toys and easily use various voice assistants.

Dialogo AAC also offers the possibility of inserting multimedia content into the facilities such as music and videos, and it allows the patient to read books in PDF format. The user can also create, download and use interactive facilities that enable the use of web and social services such as browser, e-mail, WhatsApp, Facebook, Instagram and much more.

Software Matrix AAC

Upon request, it is possible to buy and install our **Matrix AAC** software which allows to create structures, tables, communication books for Augmentative and Alternative Communication (AAC) and, in addition to facilitated communication, permits the integration of functions related to environmental control at home and PC management in Microsoft Windows environment.

Matrix AAC allows the user to write documents (with or without images) and read files in PDF and Microsoft Word format, perform mathematical calculations, listen to music, view images, watch videos and thanks to interaction with social networks, the user can access some platforms for streaming content platforms or TV programming.

The software offers easy access to the Internet, email and various social networks. it allows the use of services such as WhatsApp and integrates with the smartphone via Bluetooth connection. The advanced control offers the possibility to use the progressive lens configurable from the settings; this means that you can open any other external application, such as the system browser, ensuring maximum precision in clicks, or software for remote assistance.
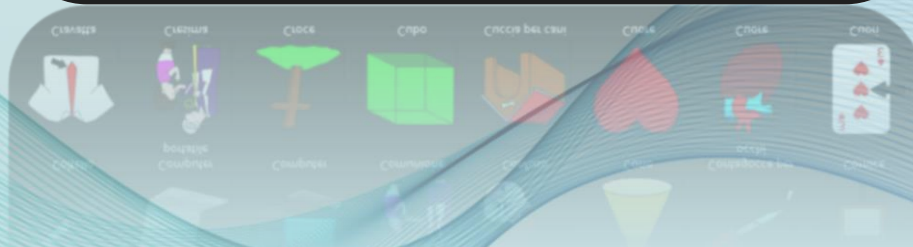
Images

It is possible to use any image libraries or pictograms of different format (png, jpg, bmp,pcs,gif).

Once the software is installed, the PACS image library (created by our team) will be installed and the user can also download, in automated manner and for free, the Arasaac pictograms (Government of Aragon - Spain) upon acceptance of the licence of use.

In addition to these images, it is possible to download images from the web, choose an image from the local memory or take a photo with the camera of the device.

Accessibility

Its multitouch screen makes the device sensitive to touch at several different points on the surface at the same time. In addition, the capacitive-type touch screen technology allows the DPadMax Pro to be used easily, intuitively and accurately.

The DPadMax Pro is also designed to be operated via sensor interface, Bluetooth and/or USB. It can also be used via sensor interface and/or tracking devices of a particular body part if there are residual movements.

In the absence of residual motor movements, it can be used via eye movement. In this regard, it is possible to optionally buy our DEYE binocular eye-tracker.

Technical specifications

- **Display:** 12.1" LED Multitouch 10Points

- **Resolution:** 2160x1440

- **Size:** 33 x 31 x 3 cm

- **Built-in gravity sensor**

- **1 External Bluetooth Speaker**

- **Weight:** 1,20 Kg

- **VESA:** 10 x 10 cm

- **Webcam:** Front 2Mpx - Rear 5Mpx

- **Ram:** 8GB

- **Memory:** 256 GB

- **Bluetooth**

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

- **DC Power:** 12V

- **Battery:** Rechargeable lithium polymer 5000mAh 7,6V

- **Processor:** CPU Intel I5
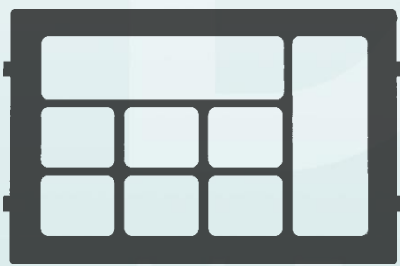
- **Operating System:** Windows 10

Accessories

DPadMax Pro

Bluetooth Speaker

3 Interchangeable shields

Charger

Keyboard

Shoulder strap

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