Dialog
AUSILI MEDICALI

# DYNAMIC TOUCH COMMUNICATOR

# new DPAD





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

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

# Introduction and Intended Use

The **newDPAD communicator** is a 10.1" touchscreen medical device running Windows 11, combining the functionalities of a voice-output communication aid with the features of a standard tablet.

It has been designed to meet the technical and communicative needs of individuals with motor and/or cognitive disorders and is particularly recommended for conditions such as autism.




The **newDPAD** has been developed in compliance with the essential requirements of the new **Regulation (EU) 2017/745**. The newDPAD medical device is registered with the Italian Ministry of Health as a "**Medical Device**" under registration number **2337186/R**.

This device has been classified as a **Class I** medical device, non-measuring, non-sterile, according to Rule 13, Annex VIII of **Regulation (EU) 2017/745**.

## Shockproof Case

The newDPAD comes with a protective shell that ensures durability in case of accidental drops.

The protective shell, made of **Ethylene Vinyl Acetate (EVA)**, is non-toxic, shockproof, elastic, flexible, durable, and dielectric.

Its ergonomic design includes a foldable handle that allows for safe and easy transport and offers multiple positioning options for the user.

On the back of the device, four threaded holes are positioned according to the **VESA standard**, allowing the newDPAD to be mounted on any type of stand.






## Interchangeable Shields

The newDPAD's protective case supports the insertion of **interchangeable shields**.

These plastic shields allow individuals with motor disorders and/or dystonia to interact with the device more easily.

The standard package includes **three different shields**, compatible with the most commonly used layouts for creating AAC structures.

If the user works with a custom layout, additional personalized shields can be designed and 3D printed on request.







# Software

**Dialogo AAC**: communication has never been easier.



We have combined the potential of the newDPAD dynamic communicator with Dialogo AAC software.
This software, integrated into the device, enables communication for people with complex communication needs and individuals on the autism spectrum.

It is based on the use of **Augmentative and Alternative Communication (AAC) structures**, designed in a simple and intuitive way, turning traditional paper-based boards into customizable and interactive tools for education, personal autonomy, assessments with reports, social stories, on-screen keyboards, and inclusive games.

Users can also export and share their projects between any Windows device and the newDPAD — and vice versa.



## DCLoud

Through the **DCLoud work-sharing platform**, users can download hundreds of AAC structures for free and without limits, mostly created by therapists and educators.

These structures are ready to use and can be fully customized once downloaded.

Users can also **share** their own structures with the **community**. Our team will review the content to ensure no personal or copyrighted material is included.

If the check is successful, the structure will be added to the official catalogue.



## Accessibility

The Dpad Max pro provides **multiple access methods** to accommodate users with a wide range of needs based on their medical condition:

- **Touchscreen access** is available for users with sufficient upper limb mobility.
- Users with limited residual movement in any limb can access the device via **sensor interfaces** or body part **tracking devices**.
- For users with no residual motor control, the system can be fully accessed via **eye tracking**.





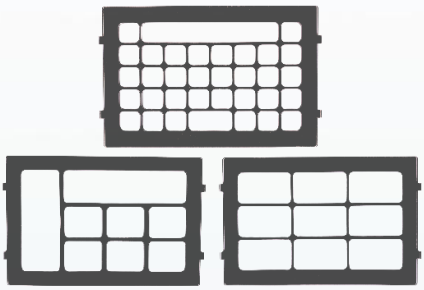
# Technical Specifications

- **Display**: LCD 10,1" Multitouch IPS Point
- **Dimensions**: 25.7 × 17.2 × 1.03 cm
- **Resolution**: 1920 x 1080 HFFS Wide
- **Weight**: 0,57 kg
- **Storage**: 128 GB
- **RAM**: 8GB
- **Memory card**: Micro SD
- **Wi-Fi**: 802.11 b/g/n
- **Video**: Full HD 1080 px
- **Voice Recording**: integrated microphone
- **Processor**: CPU J4125
- **Operating System**: Windows 11
- **Webcam**: Front 2 MP / Rear 5 MP Autofocus
- **Charger**: 12 V 3A
- **Battery**: Rechargeable lithium polymer 7,6V e 4000 mAh

# Accessories



Shockproof case



3 interchangeable shields




Shoulder strap




Bluetooth speaker



USB cable



Charger



Keyboard




Dswitch

Dialog
AUSILI MEDICALI




Dialog Ausili S.r.l.

Via Praga 20, Zona P.I.P.

Marrubiu 09094 (OR) Italia

+39 0783 - 1925658

info@dialogausili.com

www.dialogausili.com