



DYNAMIC COMMUNICATOR

DIALOG 3.0





***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.*

Presentation and use

The **Dialog 3.0** communicator is a 15.6" touchscreen medical device running on Windows 11.

It has been specifically designed to meet the technical and communication needs of individuals with severe neuromotor impairments and/or dystonia and is particularly suitable for conditions such as ALS (Amyotrophic Lateral Sclerosis), SMA (Spinal Muscular Atrophy), and Tetraplegia.

The system is optimized for use with a binocular eye-tracking system, allowing users to communicate via pupil movement using alphabetic communication. It also integrates environmental control (home automation) features and full PC management in the Windows environment.

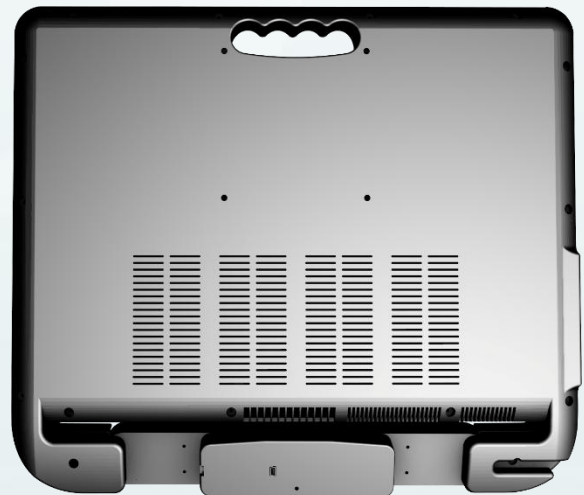


Main features

Built with **impact-resistant materials**, the Dialog 3.0 is shock-proof, practical, and equipped with a convenient handle, making it to be easily carried.

The **VESA mount** and **quick-release** plate allow a fast and secure attachment to bed, wheelchair, table, or wall stands.

Two powerful speakers located on the upper front panel ensure high-quality output for voice synthesis, music, or sound playback.



Interfaces and home automation

On the side of the device there are the power input and all other input/output, connection, and audio/video interfaces.

Notably, the device includes **five additional ports** for directly connecting external sensors or switches, enhancing accessibility.

Dialog 3.0 is engineered also to support **environmental control** through various connectivity systems.

By default, it comes equipped with Wi-Fi and Bluetooth connections, as well as an infrared sensor located on the upper rear panel.

Optionally, a radio frequency interface can be added upon request, enabling control of a wide range of systems and devices based on Z-Wave and EasyWave protocols.



Matrix AAC Software

The device is equipped with **Matrix AAC**, our advanced **Augmentative and Alternative Communication (AAC) software** for building communication content.

In addition to simplified communication tools, Matrix AAC includes features for home automation via IR and RF, and PC management within the Windows environment.

It enables users to write documents (with or without images), read PDF and Word files, listen to music, view photos and videos, and access streaming platforms and TV guides. It also offers easy access to the Internet, email, and major social networks.

The PC Control function includes a configurable progressive zoom lens, allowing precise interaction with any external application.

With the integration of Matrix AI, users gain access to **AI-powered features** such as custom command creation and text and symbol grammar correction, enhancing both creativity and communication capabilities.



Dialogo AAC Software

The device also includes with the Dialogo AAC software, designed to support communication for individuals with complex communication needs.

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.

Thanks to an intuitive interface and minimal training, caregivers can easily adjust cell number, shape, and content, quickly adding images and commands.

With a DCloud account, 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.



Accessibility

The Dialog 3.0 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 (up to 5) **sensor interfaces** or body part **tracking devices**
- For users with no residual motor control, the system can be fully accessed via **eye tracking**

The communicator's casing is optimized for mounting with our binocular eye tracker, offering a compact and elegant solution for a complete assistive communication system.



Technical Specifications

- **Display:** 15,6" display touchscreen LED
- **Screen Resolution:** 1920 x 1080 px FULL HD
- **Size:** 40 x 33 x 4,3 cm
- **Weight:** 2,0 kg
- **Processor:** Intel Core i5-1235U, 10 core @ 4.4 GHz
- **RAM:** 16 GB DDR4
- **Storage:** 512 GB SSD (primary) expandible to 2 TB + 1 microSD slot
- **Camera:** 3 MP
- **Built-in switch interface:** 5 inputs
- **USB:** 3 USB 3.1 ports, 1 USB Type-C full function port
- **Network:** ethernet RJ45 1 Gb
- **Bluetooth:** 4.2
- **Wi-Fi:** dual band 2.4 GHz and 5 GHz
- **RF module:** (EasyWave, Z-Wave) optional
- **IR module:** UUIRT
- **VESA:** 10 x 10 cm
- **Battery:** 8000 mAh 6 cell
- **Charger:** 19V 4.74A
- **Operating System:** Windows 11

Accessories



Carrying case



Charger

Optional Accessories



Measuring tape



USB cable



Deye



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