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مركز
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المساعدة
قطر

qatar
assistive
technology
centre

UbiDuo

Mada Assistive Technology Center

Tel: 00 974 44594050

Fax: 00 974 44594051

Email: info@mada.org.qa

Ubiduo



What is Ubiduo?

The Ubi Duo is a device that enables deaf people to communicate directly with hearing persons it looks like a laptop style mini-keyboard attached to a LCD screen that can be folded close. It consists of 2 units and is sold as a set of two halves. It can allow face-to-face text based communication in real-time between 2 -4 individuals simultaneously. The Ubiduo devices work over a Radio Frequency channel eliminating the need to establish a wired or internet connectivity. It is an accessibility solution that eliminates the need of having sign language interpreters for short conversations. Situating the Ubiduo in public settings (e.g. counters, desks, etc) promotes an accessible environment for communication between deaf and hearing people.

Who can benefit from the Ubi Duo?

Both Deaf and Hard of hearing, individuals and individuals with speech impairment can benefit from the Ubiduo.

The deaf, hard of hearing or hearing person is enabled to have quick communication as they can start a conversation right away instead of writing on paper & pen, or waiting for an interpreter. It can be used in the office, at businesses and agencies where deaf, hard of hearing and hearing customers, co-workers, employers, or clients need to communicate and a sign language interpreter is not available immediately.

Individuals with speech impairment can also use the Ubiduo to communicate efficiently in unfamiliar surroundings.

Features

- 1. Split Screen Conversation:** The LCD display of the Ubiduo goes into “Split-Screen” mode when conversing with another Ubiduo user. This splits the screen into two halves displaying the messages typed by each user on each half of the screen making it convenient to follow long text-based conversations.
- 2. Supports up to 4 simultaneous users:** Up to 4 Ubiduo users can link their devices together to simultaneously take part in the same conversation.
- 3. Chat Logs:** Ubiduo can be set up to save past chat conversations that can be downloaded to a PC for future reference.
- 4. Wireless Connectivity:** Ubiduo units can “link” with each other wirelessly up to a range of 500 feet.
- 5. Customizable Background & Text:** The LCD background contrast can be inverted along with possible adjustment of the font size.

- 6. Ubi4Tel (TTY):** The Ubiduo can be connected to the telephone line using a RJ11 cable and can be used to make text based phone calls (like TTY) to another Ubiduo user whose device is connected to a phone line.
- 7. Portability:** The Ubiduo weighs 6lbs and folds up to be carried around easily (Dimensions: 9 7/8" x 14 1/2" x 1").
- 8. Rechargeable Battery** It can last up to ten hours once fully charged.

Training

Minimum training is required to use the Ubiduo however a user would have to be literate and having touch-typing skills will help to use the product effectively. A detailed user guide is provided with the product and detailed video tutorial can be found at this website address: <http://www.scomm.com/support> Technical support can also be provided at the same address and can be obtained through Live Chat, Telephone, and Fax
TTY, Ubi4Tel, Video Call and email.

Summary

Ubiduo is one example of software that can support people who are deaf or have hearing impairments. . Finding the right solution for a person with a disability requires a thorough analysis of the person's needs and a careful matching of the appropriate software features to meet these needs. For those interested in finding out more about solutions for hearing impairment that best meets their needs the Advice and Assessment team at the Mada Center will be happy to meet and discuss all available options.

For further information contact the MADA Qatar Assistive Technology Center, 7th Floor, Al Nasr Tower B, Al Corniche Road, West Bay, Doha, Qatar.
P.O. Box 24230. Ph: +974 44594050

Internet References

<http://www.scomm.com/support>

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