UbiDuo 2 Training

Captioning Link: http://www.streamtext.net/player?event=SCOMM

COMMUNICATION ACCESS OPTIONS

8 different communication tools that provide common types of communication for deaf, hard of hearing, and hearing in an environment:

1. Paper/Pen
2. IM/Instant Messenger
3. Lip Reading
4. Learning Sign Language
5. Video Relay Service (VRS)
6. Video Remote Interpreting (VRI)
7. On-Site Interpreter
8. CART (Computer Assisted Real-Time Translation

UbiDuo 2 : A FACE-TO-FACE COMMUNICATION ACCESS OPTION

The UbiDuo 2 is a communication device that enables deaf, hard of hearing, and hearing to interact instantly with each other face-to-face and **provide an immediate 100% face-to-face service** in any environment.

sComm
Freedom Through Communication

KEY FEATURES

- Instant on for Immediate Face-to-Face Conversation
- 7' Touch Color Screen
- 12-hour Battery Life
- Projector Connection
- Light-weight for Portability
- 300 Foot Wireless Capability
- Customizable Font Size/Type and Background Colors
- Save Feature – USB Flash
- Pre-programmed messages
- Computer lock Slot
- 1 GB Memory

USE UbiDuo 2 FOR FACE-TO-FACE COMMUNICATION WITH:

- **EMPLOYEES/CUSTOMERS WHO ARE DEAF**
  People who are deaf "live on the keyboard".
  You can start typing on the UbiDuo to communicate.

- **EMPLOYEES/CUSTOMERS WHO HAVE HAD HEARING AND LOST IT: LATE DEAFENED**
  These individuals will speak back, but they need a way to receive clear information.
  They do not know sign language.

- **EMPLOYEES/CUSTOMERS WHO ARE USING A TRACH**
  They can hear, but they need a way to express information.
  They do not know sign language.

- **EMPLOYEES/CUSTOMERS WHO HAVE EXPRESSIVE STUTTERING**
  The UbiDuo enables this customer to express ideas.,
  They can hear you when you speak back.

- **ANY EMPLOYEE/CUSTOMER WITH A COMMUNICATION BARRIER**
  Many of these individuals do not know sign language.

sComm
Freedom Through Communication

FACE-TO-FACE COMMUNICATION SUPPORT FOR STAFF AND CUSTOMERS WITH UbiDuo 2

- Instant and Real Time: Immediate Communication and Service on the Spot

- Freedom to Use or Not to Use

- Time Efficient for Both Employees and Customer: No Waiting

- Each participant uses the same communication mode

- Establish relationships between co-workers: Build Trust and Confidence

- Unfiltered: Clarify Information Instantly

- Eye Contact and Body Language Support the Interaction

sComm
Freedom Through Communication

Separating the Two Halves

To separate the two halves of the UbiDuo without damaging the internal parts, always lay the UbiDuo flat preferably on a hard surface such as a desk or table. Then grasp the J-hook technology and pull them away from each other.

Connecting the Two Halves

To connect the two halves, lay the UbiDuo flat on a desk then connect them by using the J-hook technology to pull them back together using the plastic cases. The joint cover has to line up straight.

Turning the UbiDuo On and Off

To turn on the UbiDuo,
press and hold the power button
(a clear plastic button located on
the upper right hand corner of
each unit) for 2 – 3 seconds until
the blue power indicator
light comes on, then release it. The
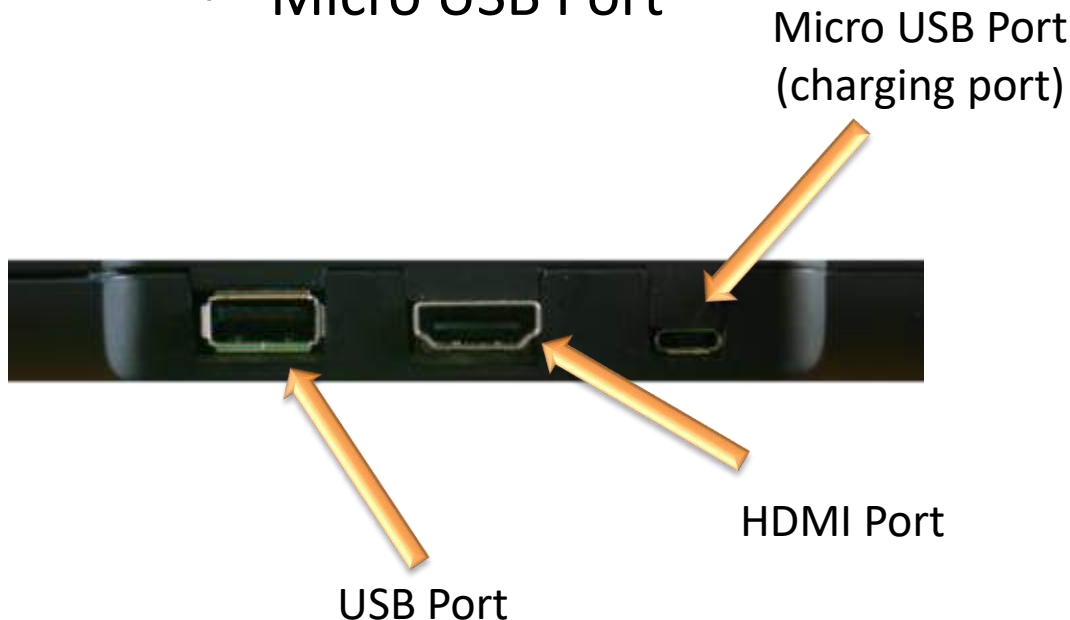**Split Screen** is set to appear automatically.

To turn off the UbiDuo, press and hold the power button, then release it. If any existing conversations have not been explicitly saved, turning the UbiDuo off wipes them from the device's memory.

UbiDuo 2 Diagram

HDMI port
for connecting
a TV or projector

USB type A port
for connecting
flash storage

Iconic Power Light

Patented J-Hook Technology

Micro USB port
for charging

7-inch diagonal
color touch screen

2.4GHz Zigbee
wireless transceiver

Power Button

Magnetic Closure

NXP ARM 9 CPU

Kensington
anti-theft slot

Sensitive keyboard

8-hour lithium-polymer
battery pack

4-pound total weight

sComm
Freedom Through Communication

Right Side Plate of the UbiDuo

Left Side Plate of the UbiDuo

- USB Port
- HDMI Port
- Micro USB Port

- Kensington Lock

Micro USB Port
(charging port)

HDMI Port

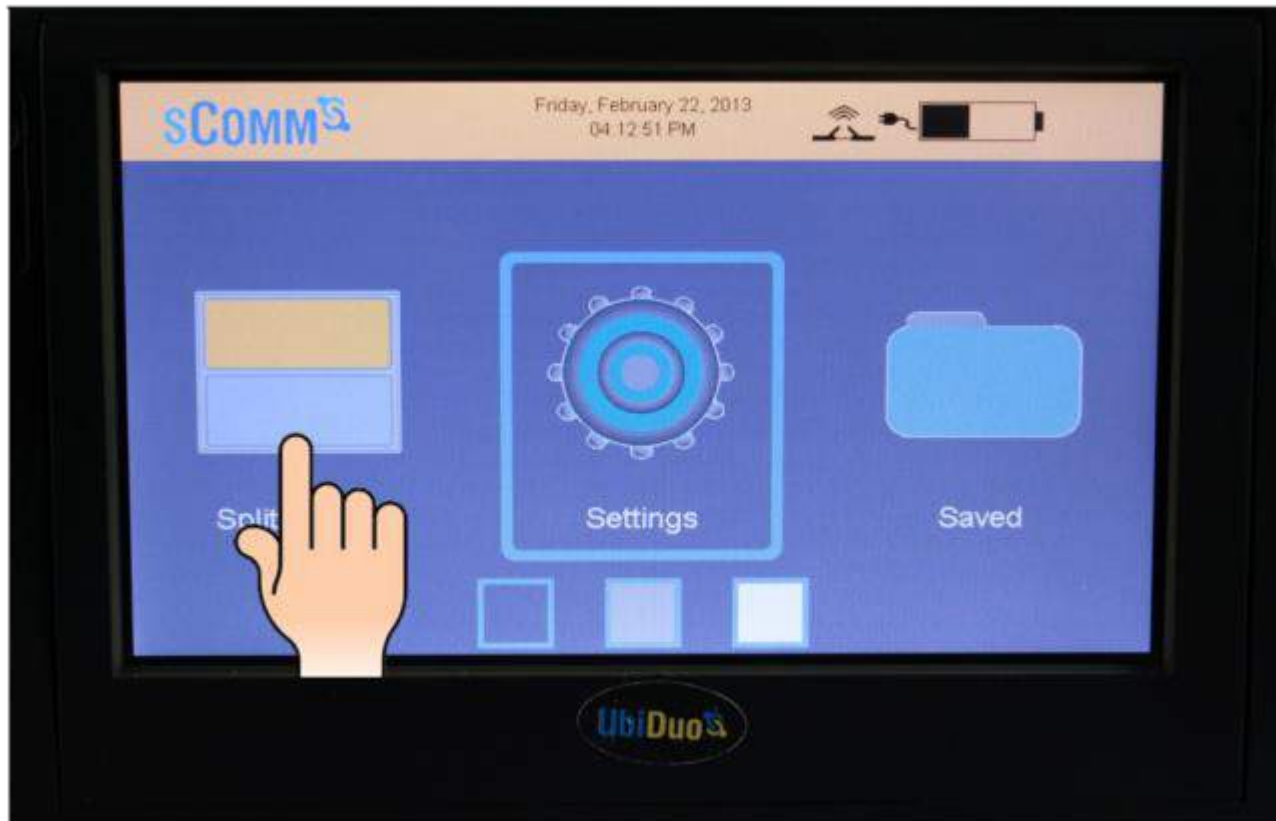USB Port

Main Menu

Main Menu
Functions include:

- Split Screen – starts a split screen chat session.
- Settings – check your settings or change your default settings.
- Saved – save a conversation or view saved conversations.

At bottom of the Main Menu screen, immediately below the settings icon, are three square boxes. These are used to select the background color.

Split Screen Icon

The is the primary mode that you will use on the UbiDuo to execute the split screen for communication.

Split Screen

This function allows both users to communicate simultaneously with each other, and is the reason for the UbiDuo's existence. When a key is pressed on one half of the UbiDuo, its corresponding character is immediately transmitted to the second half and displayed on its screen. This gives each other the ability to type and read simultaneously without having to wait for the other to finish typing. The Enter key does not function as a command to send a line of text; it only commands the UbiDuo to start a new line.

Split Screen

Both halves of the UbiDuo must be turned on for a split screen chat to be initiated. The two halves will automatically connect with each other when the split screen chat is selected on one of the halves.

The text you type will appear at the top of the screen. The text the other user types will appear in the bottom half of the screen.
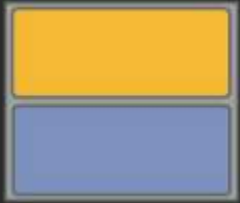
Scrolling Through A Conversation

- To review your own chat, use the up, down, right, and left arrows keys to scroll throughout the conversation.

- To review your chat partner's side of the conversation, press Tab key to switch to your chat partner's window, then use the up and down arrow keys to scroll up and down through the conversation.

- Press the tab key again to toggle back to your own chat window.

Changing the Split Screen Font and Color

Each chat window in the split screen can be customized with its own fonts and colors. Tap the desired chat window to display its configuration screen where you can customize the display to your preference. Changes made to the font, size, and color will be displayed in the sample window at the bottom of the configuration screen.

- Family
- Style
- Point
- Font Color
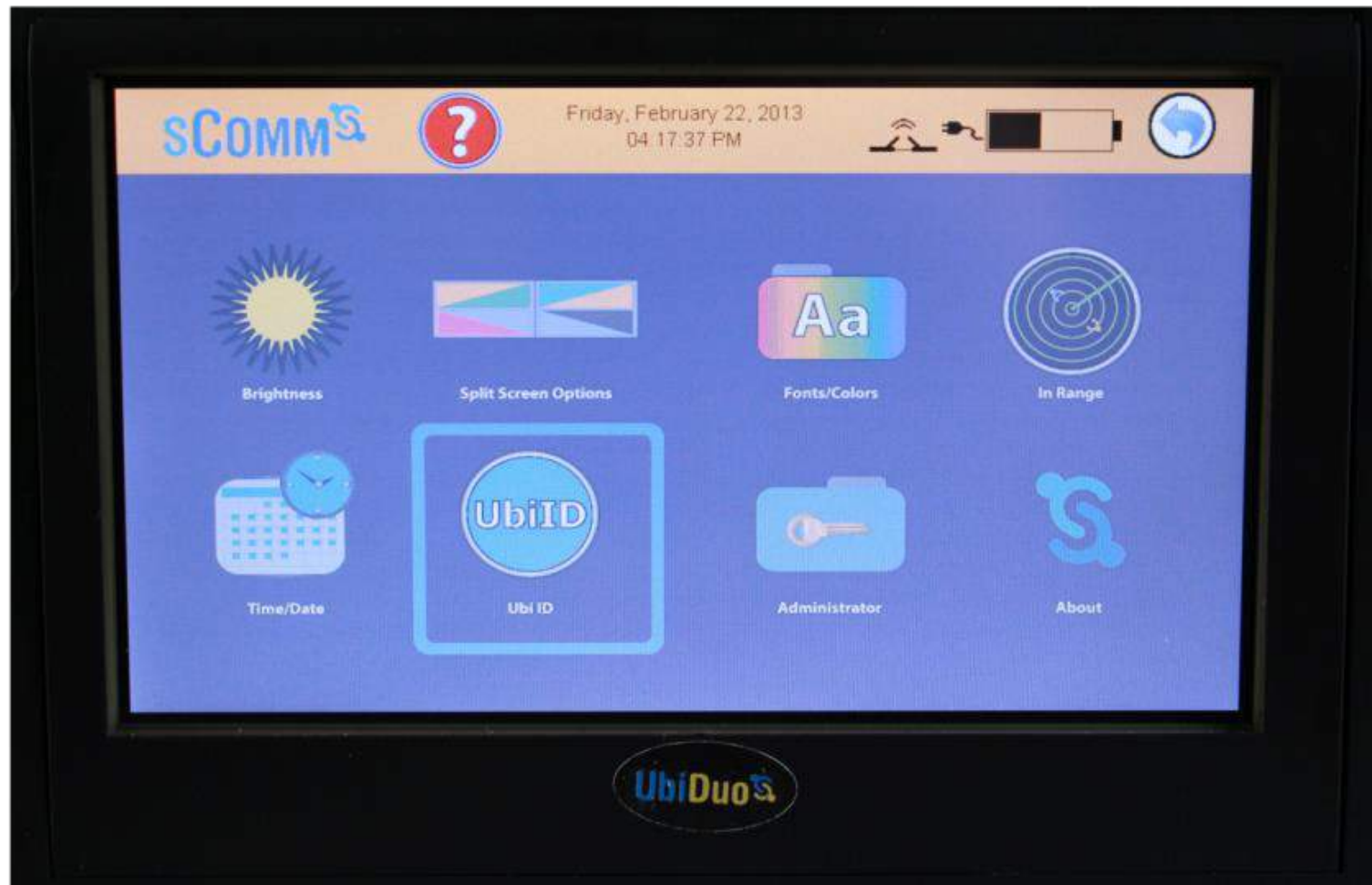
- Background
- Accept
- Sample Window

sComm
Freedom Through Communication

Exiting the Split Screen Chat

To exit the split screen and return to the main menu without saving your conversation, press the ESC Key.

Settings Icon

Settings

Settings

The Settings screen enables the UbiDuo to be configured to suit your preferences. Changes made in this screen will persist even after the UbiDuo is turned off.

Each UbiDuo half can be configured separately. This allows you to customize the other half to better suit your chat partner if, for example, a different contrast between the background and the text is desired.

To enter the Settings screen, tap the Settings icon, or press the Tab key until the Settings icon on the Main Menu is highlighted and then press Enter.

Settings

- Brightness
- Split Screen Options
- Fonts/Colors
- In Range
- Time/Date
- UbiID
- Administrator
- About

sComm
Freedom Through Communication

The Brightness setting controls the brightness of the screen's backlight.

There are two ways to change the Brightness setting. The first is to use your finger to slide the brightness adjuster left or right on the screen. The second is to use the left and right arrow keys to move the adjuster. When the desired brightness is reached, tap the return icon at the top of the screen. Alternatively you can use the ESC key to return to the previous menu.

Whenever you turn on your UbiDuo, the screen brightness will be set to the new level.

These options allow you to arrange the Split Screen display to your preferences.

- **Scenario** – Select 2-way, 3-way, and 4-way settings for customizations.

- **Format** – Rearranges the Split Screen horizontally or vertically.

- **Order** – Toggles the location of your chat window. In horizontal mode, it will toggle your chat window from the top half to the bottom half, and in vertical mode it will toggle your chat window from left to right.

sComm
Freedom Through Communication

Fonts/Colors

This option allows you to modify the look and feel of your own chat window display.

To change these settings, tap the Fonts/Colors icon, or press the Tab key until the Fonts/Colors icon is highlighted and press Enter.

In Range

The In Range functionality lets you detect whether other UbiDuo units are within a 300 foot perimeter of your UbiDuo. You can view a list of the other units on your device, they will not be able to connect to your device and engage in a conversation unless your send them a chat invitation and it is accepted.
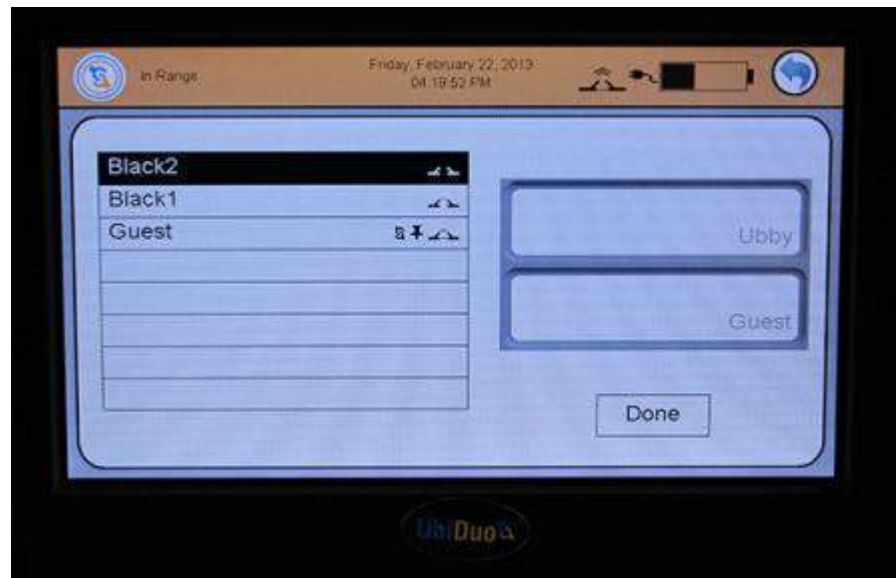
Inviting Other UbiDuo Units to Chat

When you tap the In Range icon in the settings menu, or press the Tab key until the In Range icon is highlighted and press Enter, a list of potential Chat Partners will appear. The other half of your UbiDuo will always be listed, and you will always have a connection to it. If other UbiDuo units are within range and have been assigned unit IDs, they also be listed. UbiDuo units that have **not** been assigned unit IDs will **not** be listed.

To invited another UbiDuo to chat, tap its name or use your up and down arrow keys to move the highlight bar to the desired name and then press Enter. A menu of four options Will then appear:

Inviting Other UbiDuo Units to Chat

Add to chat session – Invite another UbiDuo to join your Chat session.

Always accept chat requests – Sets your UbiDuo to always accept A chat request from another device.

Select as dedicated chat partner – Use this option if you want to Set a different UbiDuo half as your Dedicated Chat Partner (DCP).

Cancel – Exit from the menu without saving any changes.

sCommS
Freedom Through Communication

Inviting Other UbiDuo Units to Chat

This is what the Chat Request looks like to the invited user, who can either accept or reject the request. The default is accept.

If the chat request is accepted, the Split Screen will appear.

Holding a Three-Way or Four-Way Conversation
The UbiDuo is designed to enable up to four separate halves to engage in a single conversation. To invite additional UbiDuo units to join your chat, simply follow the same procedure for inviting another UbiDuo as described above. When those additional units accept your invitation, the screen will divide into three or four parts, as follows:

No Units in Range – If there are no other UbiDuo units in a 300 foot range, the list of available units will be blank.

UbiID

To set the ID of the current half of the UbiDuo, tap the UbiID icon on the screen, or press the Tab key to highlight the UbiID icon, then press Enter. The UbiID is simply a name you give to each half of the UbiDuo to make it easier to tell them apart. There is no default ID.

Providing a name for your unit is required if you want your UbiID to appear in the In Range setting of other UbiDuo units when you are within range.

Type the name you want to assign your half of the UbiDuo in the Unit ID field. Then tap the Accept bar, or use the Tab key to highlight the Accept bar and then press Enter. The Settings menu will then be displayed.

Administrator

To enter the administration menu, tap the Administrator icon on the screen, or press the Tab key to highlight the Administrator icon and then press Enter. The Administrator menu is where changes to the UbiDuo 2's security are made.

- Password Required
- Change Password
- Wireless Enabled
- Allow Chat Save
- Start in Split Screen
- Software Update

The current versions of UbiOS and other UbiDuo software can be viewed here.

Saved

When the UbiDuo is powered off, any existing conversations are cleared from its memory and lost unless the device is instructed to save them first. If you wish to save a conversation, press Ctrl-S. You will be asked for a file name, and once you press Enter, the conversation will be saved under that name.

Saved conversations can be reviewed on the UbiDuo, or they can copied to a USB flash drive for transfer to a computer for printing or archiving.

- Viewing Saved Conversations
- Transferring a Saved Conversation to a Computer
- Deleting a Saved Conversation

sComm
Freedom Through Communication

Function Key Definitions

Fn Keys

<Fn> + F1	Help
<Fn> + F2	Font/Color Screen
<Fn> + F3	In Range
<Fn> + F4	Close all chat connection
<Fn> + F5	Increase font size in chat window
<Fn> + F6	Increase font size in DCP chat window
<Fn> + F7	Brightness and Sleep Timer screen
<Fn> + F8	Increase brightness screen
<Fn> + F9	Decrease brightness screen
<Fn> + F10	Unit ID screen
<Fn> + F11	TBA
<Fn> + F12	TBA

Emoticons

F1	Help
F2	Smile
F3	Sad
F4	Shocked
F5	Question
F6	Tease
F7	Sick
F8	Angry
F9	Secret
F10	Cool
F11	Wink
F12	Love

Function Key Definitions

Control Keys

<Ctrl> + B	**Bold**
<Ctrl> + F	Change chat format
<Ctrl> + I	*Italics*
<Ctrl> + O	Change chat window order
<Ctrl> + S	Save chat
<Ctrl> + U	<u>Underline</u>

Shift Keys

<Shift> + F7	Clear both UbiDuo screen
<Shift> + F8	Clear your UbiDuo screen
<Shift> + F9	Clear partner's UbiDuo screen

Special Functions

<ESC>	On main menu will return to chat session
<PgUp>	Scrolls conversation up one page at a time
<PgDn>	Scrolls conversation down one page at a time
<Up Arrow>	Scrolls conversation up one line at a time
<Down Arrow>	Scrolls conversation down one line at a time

Features for People with Low Vision

The UbiDuo 2 contains several features that are intended to make it easier to use for those who have low vision and are deaf or hard-of-hearing.

- Brightness
- Font Size from 12 to 72 points
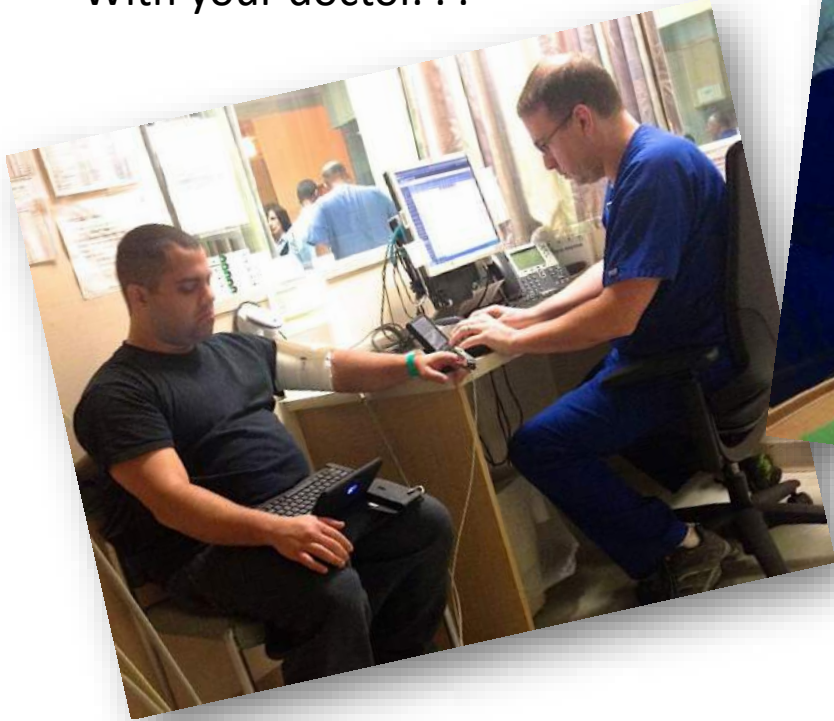- Background Colors
- Font Colors

Charging the Batteries

You will need to charge the batteries as soon as you unpack your UbiDuo from the box. Plug the two small ends of the included Y-cable into the micro USB port on each half of the UbiDuo, then plug the other end into a wall outlet. The batteries will be fully charged in 10 hours.

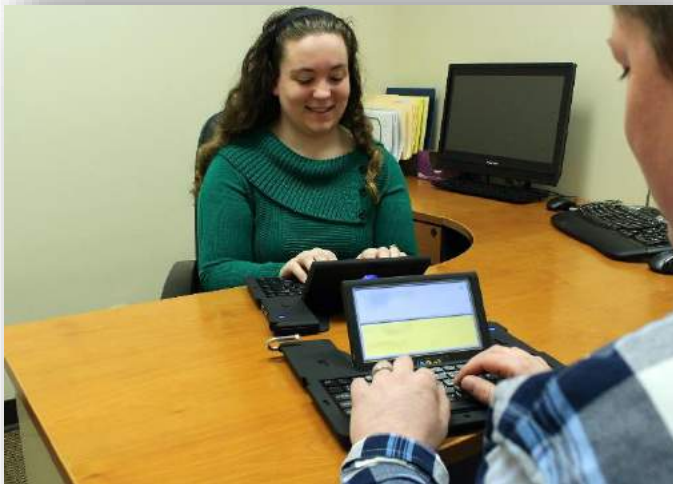The UbiDuo's battery will last for 8-12 hours depending on usage.

Different Situations with UbiDuo

With your doctor. . .

While in hospital. . .

FACE-TO-FACE COMMUNICATION – DIFFERENT SETTINGS

Questions

Contact

Ben Lake
6238 Hadley Street
Raytown, MO 6413
Ben@scomm.com
www.sComm.com
816.350.7008 V
816.337.7899 C