



Using SmallTalk Aphasia



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SmallTalk Aphasia Basics

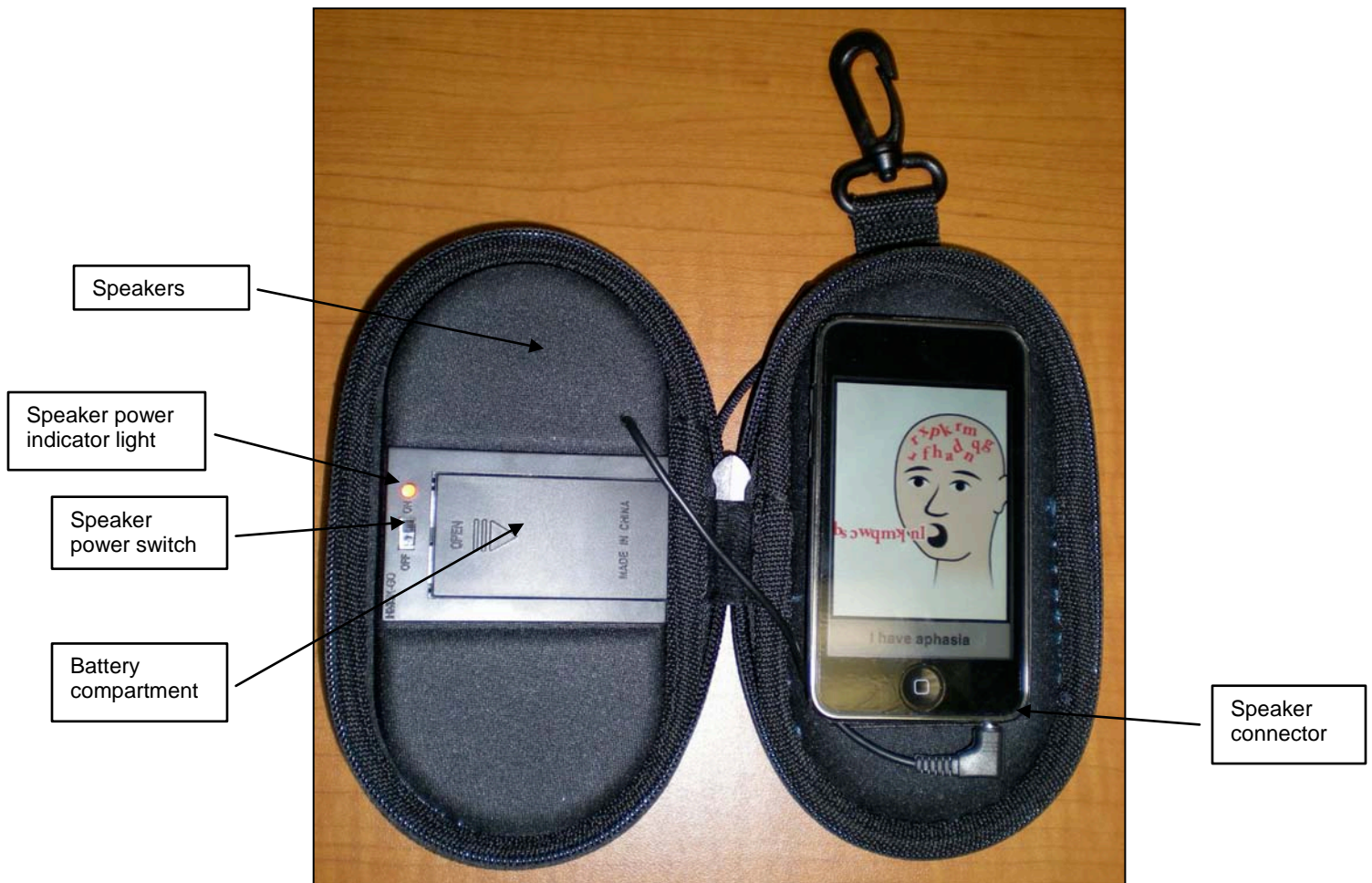
Lingraphica has a family of apps for the iPhone and iPod touch under the name SmallTalk. These apps provide communication and therapeutic benefit. Lingraphica includes these accessories with the SmallTalk Package: an iPod touch preloaded with SmallTalk Aphasia, carrying case, stereo headphones, charging cable, and polishing cloth.

An iPod touch Preloaded with SmallTalk Apps



Carrying Case with External Speakers

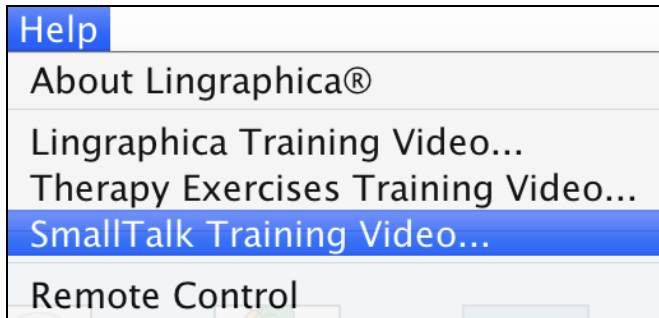
The SmallTalk Package comes in a handy carrying case that has external speakers.



To turn on the external speakers, open the case so that the iPod is on the right-hand side and the external speakers on the left. The power switch is located on the left-hand side, in the middle, to the left of the battery compartment. To conserve battery power in the external speakers, use the power switch to turn off the external power when the iPod is not in use. The carrying case requires two AA batteries. When the external speakers are turned on, you should see a red light by the speaker power switch. If you don't see it, the batteries need to be replaced.

Training Video

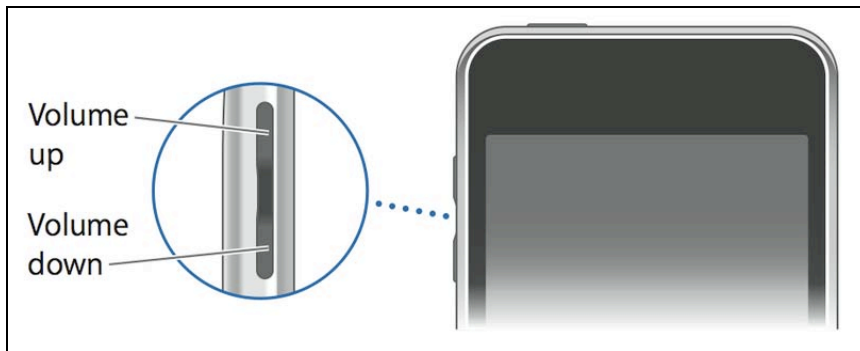
To watch a short video about using SmallTalk Aphasia from the Lingraphica, click on the Help menu, select SmallTalk Training Video, and the video will begin.



Selecting one of the topics that appears on the left-hand side of the screen will start the video demonstration for that particular topic.

Volume

Use the volume button on the left-hand side of the iPod to control volume. Press the top of the button to increase the volume and press the bottom to decrease the volume.



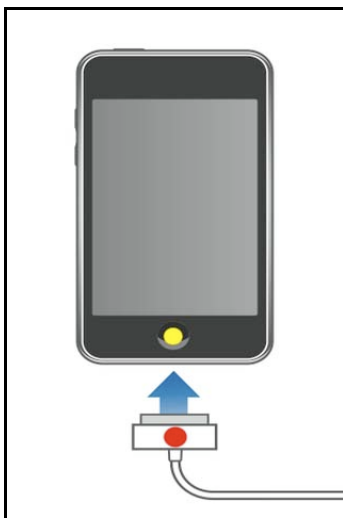
As you change the volume, you will see a speaker image superimposed on the screen. The white dots below it indicate the volume level.



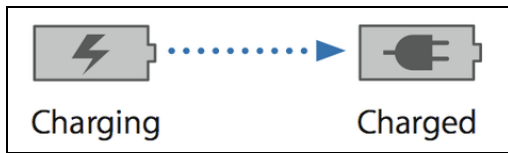
Note: You control the volume with the iPod volume button. The external speakers do not have volume control.

Charging the iPod

The iPod has an internal rechargeable battery. During moderate steady use, the battery will last for about 5–6 hours; it lasts much longer if it sleeps intermittently. To recharge the battery, connect one end of the power cable to the iPod (the red dot on the power cable must be facing up) and plug the other end into an electrical outlet.



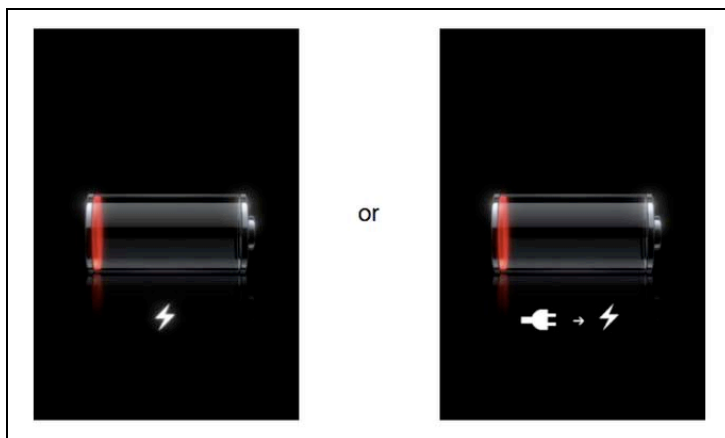
As you plug in the charging cable, the following image will appear in the upper right-hand corner of the iPod Home Screen:



If your iPod is sleeping while it is being charged, you will see the following screen. The green color represents the amount of the battery that is charged. This is a fully charged battery.



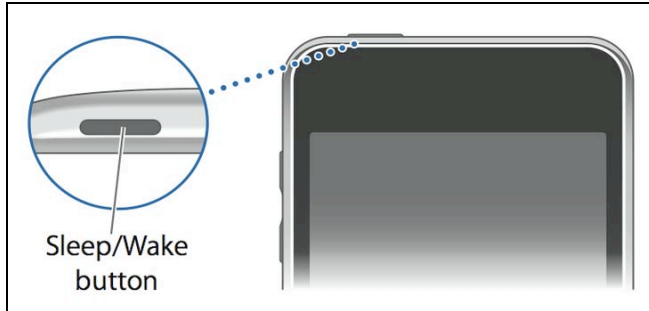
Important: If the iPod is very low on power, it may display one of the following images, indicating that the iPod needs to charge for up to 10 minutes before you can use it.



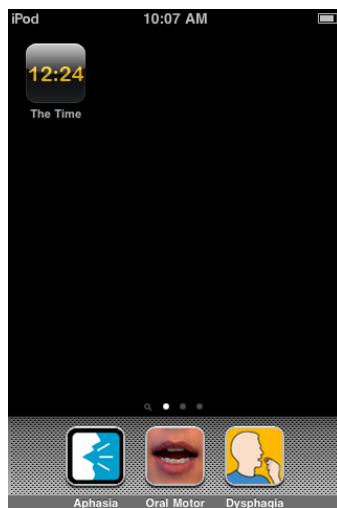
If the iPod is extremely low on power, the display may be blank for up to two minutes before one of the low-battery images appears. The iPod can take up to four hours to charge, depending on how much recharging is required.

Power On

To turn on the iPod, press and hold the Sleep/Wake button until the Apple logo appears.



After about 20 seconds, you will be taken to the iPod Home Screen. Pressing on the Home button will always return you to this screen.



Sleep Mode

The iPod will put itself to sleep after about five minutes of inactivity to save the battery. To put the iPod to sleep anytime, quickly press the Sleep/Wake button and the screen will turn black.

To wake the iPod from Sleep mode, press the Home button. Then slide your finger across the slider.



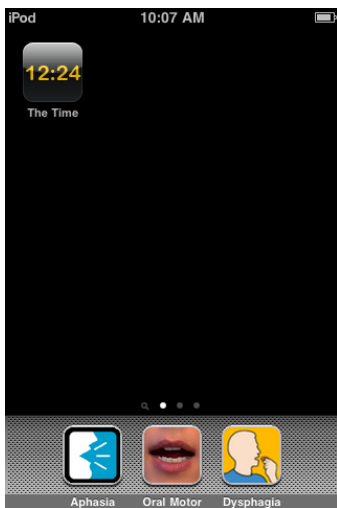
Power Off

Normally you will not turn the iPod off, but let it go to sleep on its own. If you will not be using it for an extended period, turn it off by pressing and holding the Sleep/Wake button until the red slider appears and then dragging the slider.

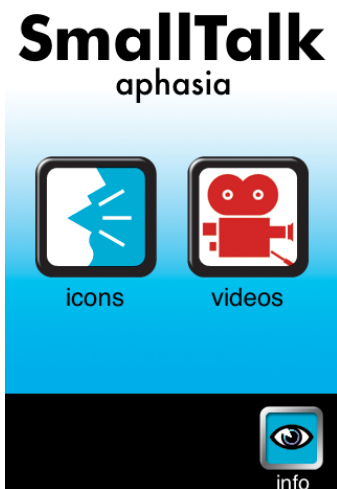
Using SmallTalk Apathasia

SmallTalk Apathasia is the app that will turn an iPod into a mobile accessory for your Lingraphica. You can easily transfer icons, photos, phrase strips, and videos from your Lingraphica to SmallTalk Apathasia. Note that SmallTalk Apathasia only has the ability to play back icons and does not have the ability to create or alter content.

When you first turn on the iPod, you will see the following screen:

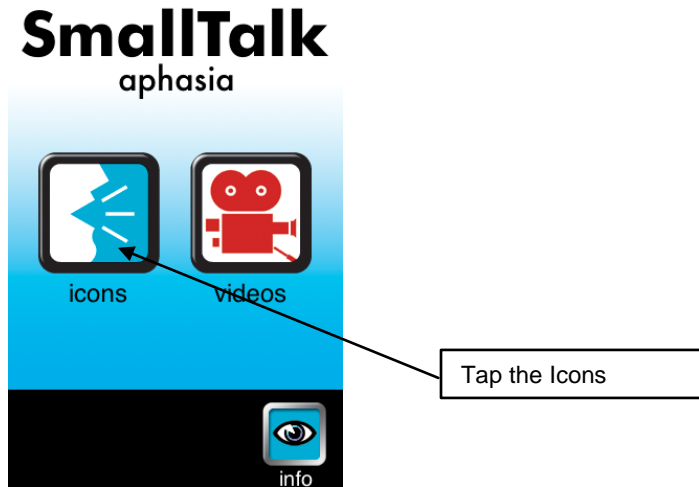


Tap the Apathasia button to start SmallTalk Apathasia. If the buttons start dancing, you've held your finger for too long. Just press the Home button to stop the dancing and try again. Once SmallTalk Apathasia starts, you will be taken to the SmallTalk Apathasia Main Screen:

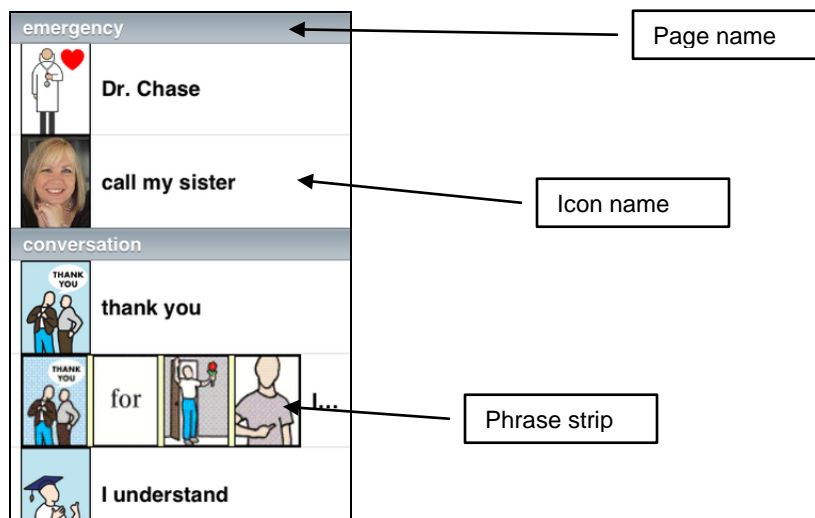


Tap on the Icons button to access icons, photos, and phrase strips. Tap on the Videos button for videos.

Icons



Your icons, photos, and phrase strips are organized into groups, which reflect the pages they were on in the Lingraphica. After tapping on the Icons button, you will see the first few icons you have stored on SmallTalk Aphasia. You can then scroll quickly through the list of icons to find the one you want.



The names of the pages are written on the gray separator bars that appear above groups of icons. The name of each icon or photo is written to the right of the corresponding icon. Phrase strips are represented by the first four icons of the phrase.

Tap an icon to hear it speak; it will fill the screen as it is being spoken.

Tap a phrase strip; each icon in that strip will fill the screen as it is being spoken until the phrase is completed.

It is possible to change the phrase playback speed by doing the following:

1. Exit the SmallTalk Aphasia app by pressing the Home button.
2. Tap Aphasia to start the app.



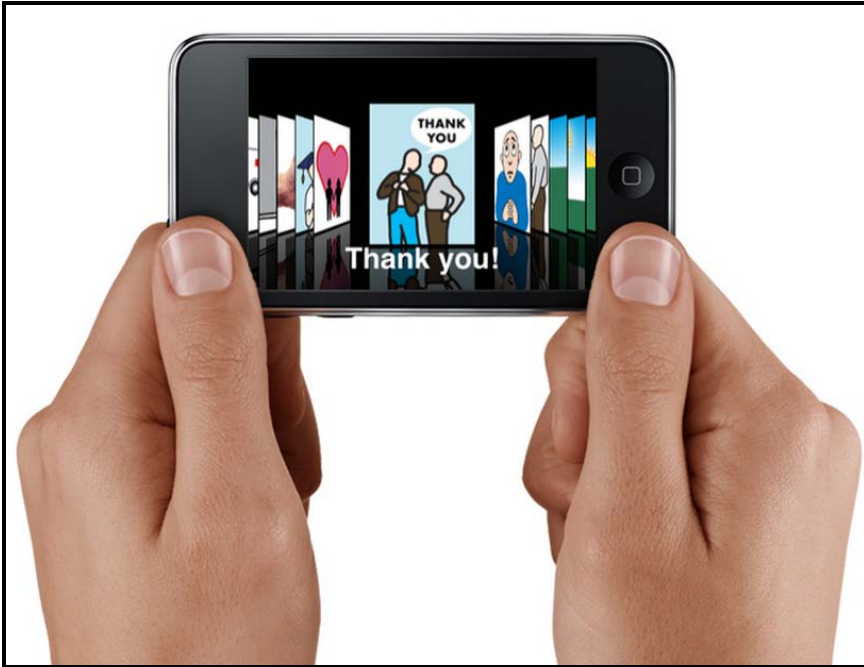
Scrolling

To scroll through your list of icons, drag your finger up or down the screen. To scroll quickly, flick the list with your finger.

You cannot select an icon until the scrolling has stopped and the icons are no longer moving.

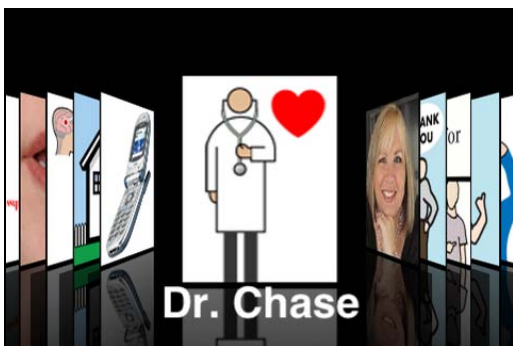
Big Picture View

If you rotate your iPod into a horizontal position as pictured below, it will change into Big Picture View.



When you are in Big Picture View, the icons are bigger and easier to see. The name of the icon is listed underneath the icon. Icons remain in the same order, but page names are not listed.

Here is a single icon in Big Picture View.



Phrase strips look a little different in this view. They are represented by four squares — the first four icons in the phrase.



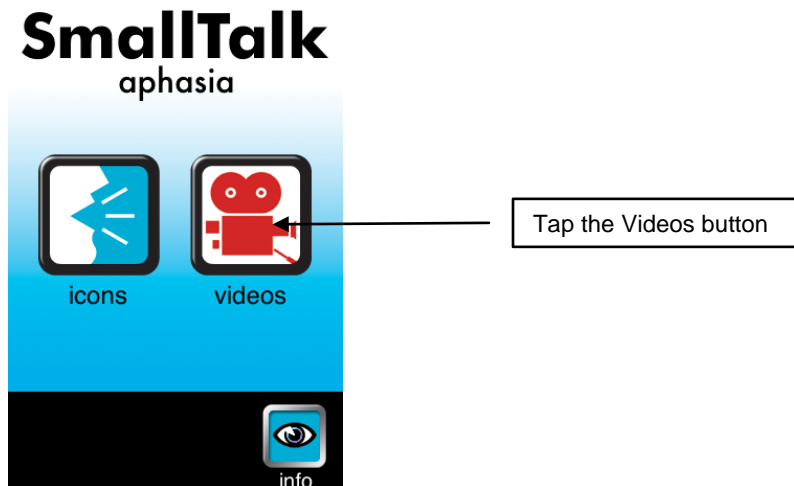
To scroll through all the items in SmallTalk Aphasia while in Big Picture View, drag your finger across the icons. Moving your finger from left to right will take you to the beginning of the list. Moving your finger from right to left will take you to the end of the list.

Just as in the normal view, you tap an icon to hear it speak. Note that when you tap an icon or a phrase strip icon in this view, the icons do not get any bigger.

Turn the iPod back to its original position to return to the List View.

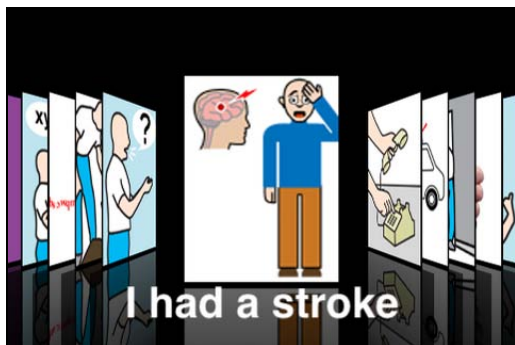
To exit the Icons press the Home button, which will take you to the iPod home screen.

Videos



Use the SmallTalk Aphasia Videos to play both Lingraphica mouth-position videos and user-created videos. Because the videos fill the screen horizontally, the video icons are always in the Big Picture View. This keeps you from having to flip the iPod back and forth.

After tapping the Videos button, you will see the first of the videos you have stored on SmallTalk Aphasia.



Simply tap an icon and the video will play. If you tap on a video while it is playing, you will see the video controls. Don't worry; they disappear when the video is done. To scroll through your videos, drag your finger across the icons. Moving your finger from left to right will take you to the first video. Moving your finger from right to left will take you to the last video.

When you want to return to the icons, press the Home button to return to the Home Screen. Tap the Aphasia icon and then tap the Icons button to view your icons and phrases.

Cueing Yourself Using SmallTalk Aphasia

You can use earphones with the iPod so that only you will be able to hear the sound. To do this, just take the iPod out of the case (don't worry about the ripping sound; it is Velcro), disconnect the speaker cable, and plug the earphones into the same opening. You can use these to cue yourself to speak or to practice quietly. If you plan to use the earphones all the time, you can take the iPod along without the case. You can even slip it into your pocket. To put it back in the case, just pull the headphones out and push the speaker cable back in.



Transferring Icons and Videos

You can easily transfer your Lingraphica icons, photos, and videos to SmallTalk Aphasia from the Lingraphica.

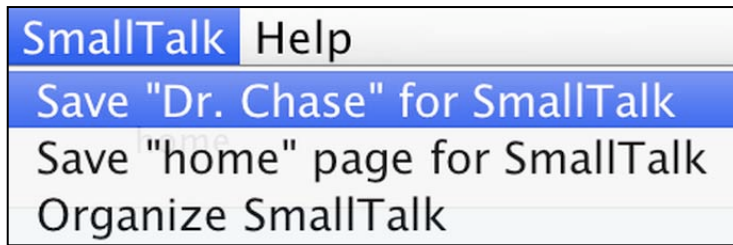
Note: The only way to add icons to SmallTalk Aphasia is from the Lingraphica.

Selecting Icons and Phrase Strips for Transfer

Using your Lingraphica, you can easily select icons you would like to transfer to SmallTalk Aphasia. First, click on the icon or phrase strip.

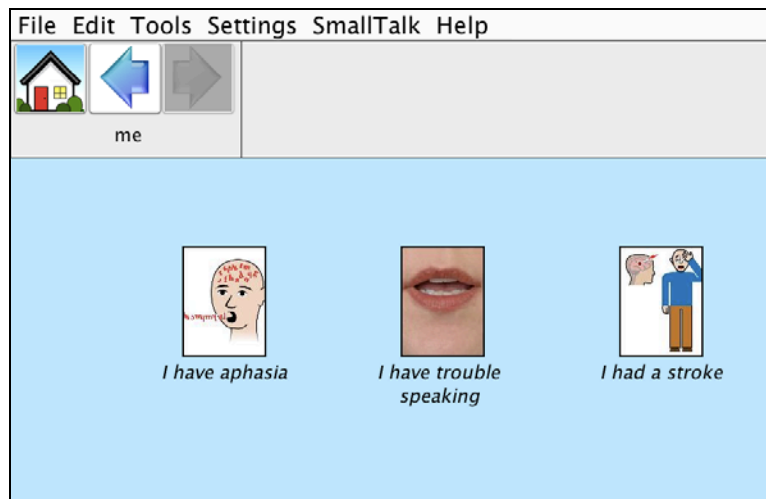


Then click on the SmallTalk tab on the Lingraphica menu and select Save "*icon name*" for SmallTalk.

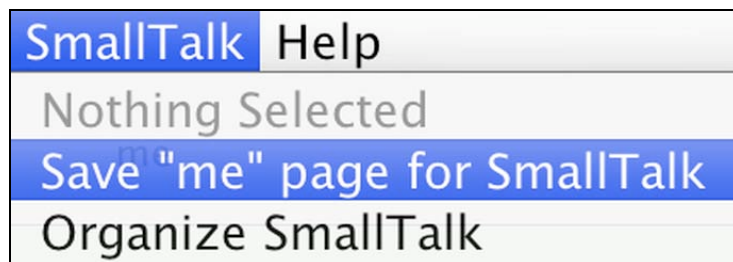


You will hear a tone indicating that the item has been marked for transfer.

Selecting Lingraphica Pages for Transfer



It is easy to select an entire page to be transferred to SmallTalk Aphasia. First, navigate to the page that you would like to transfer. Once you are on that page, go to the SmallTalk menu and select Save "*page name*" page for SmallTalk.



You will see a progress bar indicating that items on that page are being marked for transfer.

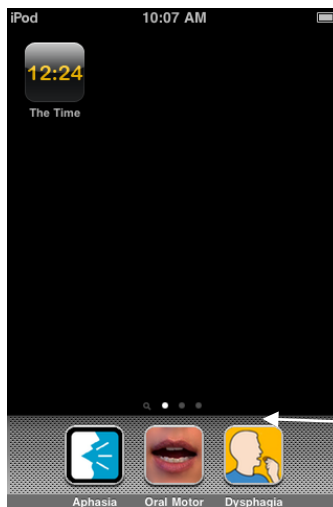
Preparing to Transfer

To transfer your Lingraphica icons, phrase strips, and videos to SmallTalk Aphasia, your Lingraphica and your iPod must be connected to the same network and the Aphasia setting Check for Sync must be set to ON. Depending on whether you acquired your Lingraphica and iPod together or separately, you must follow different sets of instructions to connect to the network. If you purchased them together, please follow the instructions below. If you purchased them separately, please follow the instructions beginning on page 22.

For Lingraphicas and iPods purchased together

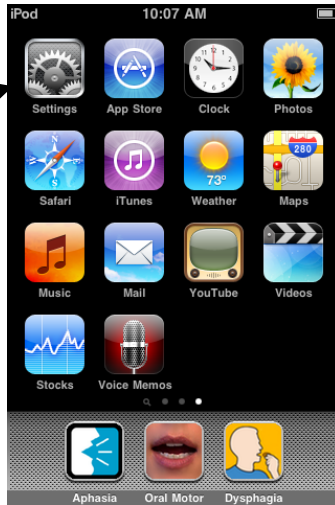
If you purchased your Lingraphica and iPod together, your Lingraphica was configured to connect to a network called Lingraphica and Check for Sync was set to ON. All you have to do to prepare your iPod for transfer is to connect your iPod to the Lingraphica network.

Connect the iPod to the Lingraphica network



1. Go to the Home Screen. Tap twice to the right of the row of dots to get to the screen that contains the Settings button.

2. Tap the Settings button to access the iPod network settings.



3. Tap Wi-Fi to go to the Wi-Fi Networks screen settings.



4. Wi-Fi must be ON, like it is here. If it says OFF, tap OFF to turn Wi-Fi ON.

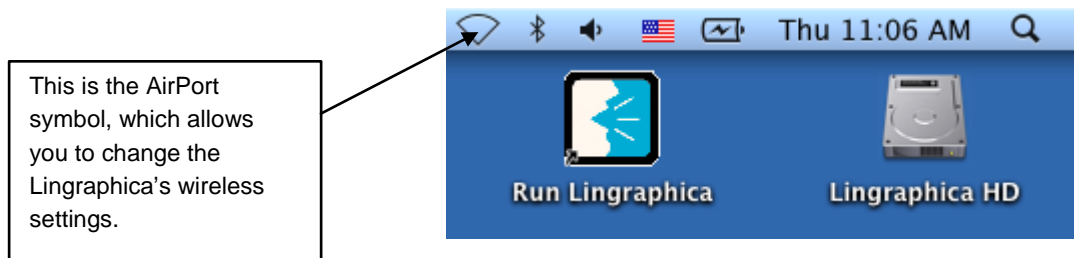
5. Tap Lingraphica to join the Lingraphica network. You will see a check mark next to Lingraphica after it has connected. Proceed to the transfer process on page 27.



For Lingraphics and iPods that were purchased separately

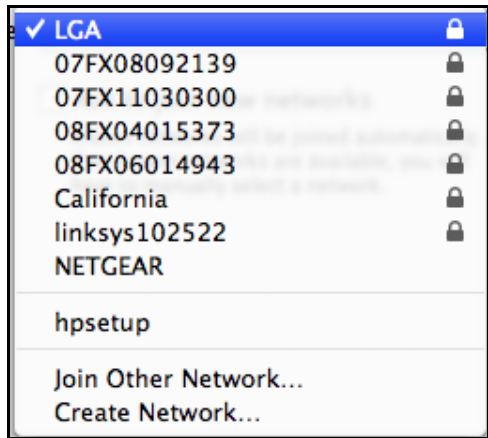
If you already have a wireless network, the Lingraphica and the iPod can both connect to that network (see Step 1). If you do not have a wireless network, then you will need to create a network between the Lingraphica and the iPod, which is called a computer-to-computer network (see Step 2).

Step 1: Using an existing wireless network

- 1a. Go to the Settings menu and select Preferences



- 1b. Click on the AirPort symbol, , and you will have one of two choices. If Turn AirPort On is displayed in black, select it. If Turn Airport Off is displayed in black, then ignore this step.
- 1c. Click on the AirPort symbol, , again, and you will see all of the wireless networks available to you. Click on your own network (your list will look different than the sample image below). A lock to the right of the network name indicates that you need a password to access your network. Type in the password when you are prompted. A check mark to the left of a network indicates that you are connected.

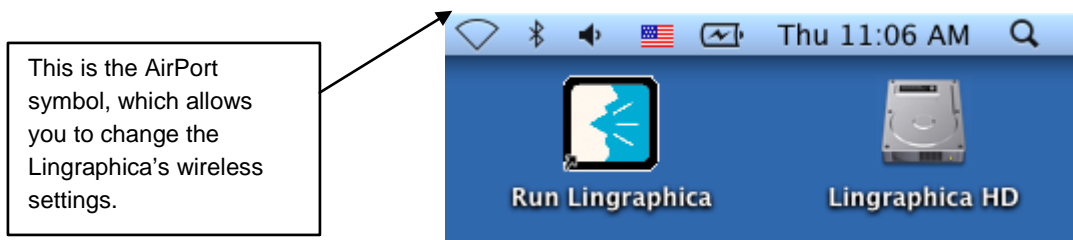




- 1d. Double-click Run Lingraphica in the upper right-hand corner of your screen.
- 1e. Skip to Step 3.

Step 2: Creating a computer-to-computer network

If you don't have access to a wireless network, you will need to create a computer-to-computer network.



- 2a. Simultaneously press and hold the Command and Q keys to quit the Lingraphica. In the upper right-hand corner of the screen you will see:



- 2b. Click on the AirPort symbol, , and you will have one of two choices. If Turn Airport On is displayed in black, select it. If Turn Airport Off is displayed in black, then ignore this step.
- 2c. Click on the AirPort symbol, , again, and select Create Network. The following window will open:



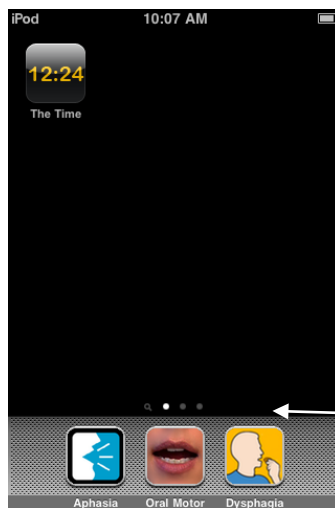
The name will default to “Lingraphica.” Click OK to keep “Lingraphica” or type in the name of your choice and then click OK.

- 2d. In the upper right-hand corner of the screen, the AirPort symbol, , should now look like . If it doesn't, go back to Step 2b.
- 2e. Double-click Run Lingraphica to start the Lingraphica.
- 2f. Proceed to Step 3.

Note: If you put the Lingraphica to sleep or restart the Lingraphica, you will have to re-create the computer-to-computer network by performing Step 2 again.

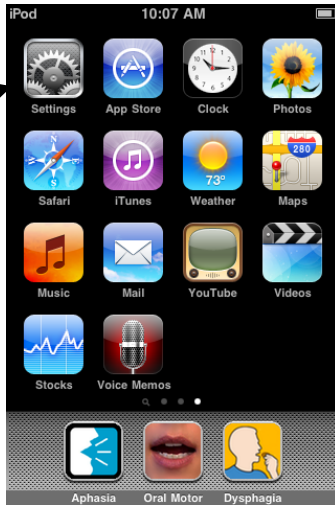
Step 3: Connecting your iPod to a wireless network

Whether you have connected the Lingraphica to your own wireless network in Step 1 or created a computer-to-computer network in Step 2, you will need to connect the iPod to that network as well.



3a. Go to the Home Screen. Tap twice to the right of the row of dots to get to the screen that contains the Settings button.

3b. Tap the Settings button to access the iPod network settings.



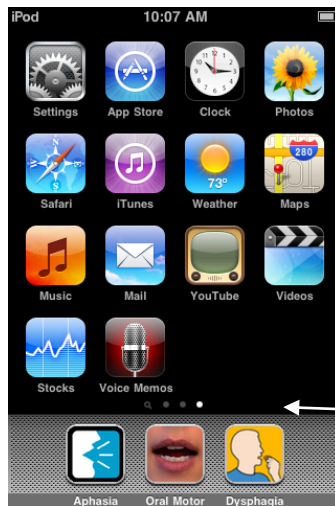
3c. Tap Wi-Fi to go to the Wi-Fi Networks screen settings.



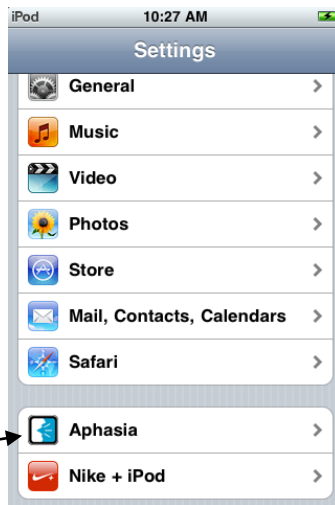
3d. Wi-Fi must be ON, like it is here. If it says OFF, tap OFF to turn Wi-Fi ON.

3e. Tap the name of the wireless network you just joined on your Lingraphica. You will see a check mark next to its name after it has connected. Proceed to Step 4.

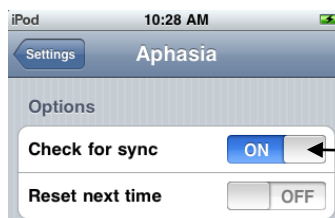
Step 4: Confirm the Aphasia setting Check for Sync is ON



4a. Go to the Home Screen. Tap twice to the right of the row of dots to get to the screen that contains the Settings button.



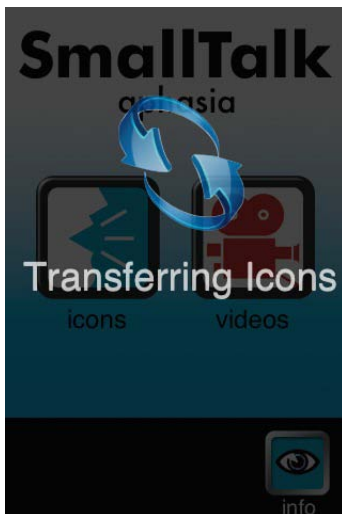
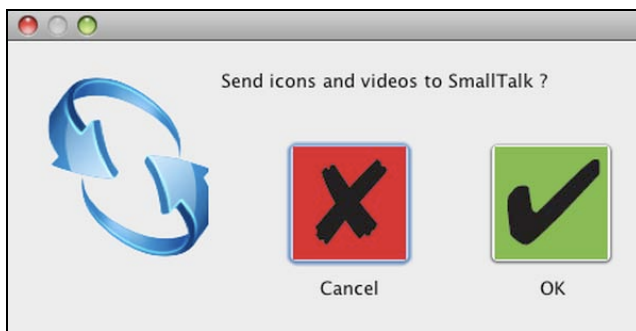
4b. Scroll down to Aphasia, near the bottom of the settings list. Then tap Aphasia to view the SmallTalk Aphasia settings.



4c. Confirm that Check for Sync is ON, like it is here. If it is not, tap OFF to turn it ON. Then press the Home button.

The Transfer Process

To transfer icons, phrase strips, pages, and videos to SmallTalk Aphasias, tap the Aphasias button. If SmallTalk Aphasias is already running, you will have to press the Home button to exit and then tap the Aphasias button. SmallTalk Aphasias checks with the Lingraphica to see if there are any new icons, phrase strips, or videos to be transferred. If there are, you will get a message on your Lingraphica asking if you want to send icons and videos to the SmallTalk. If you do, simply click OK. Clicking Cancel will leave SmallTalk Aphasias unchanged.



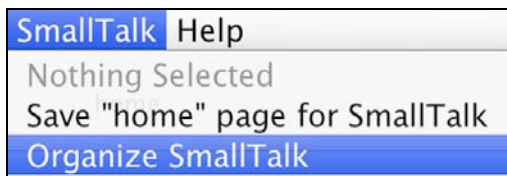
The message "Transferring Icons" will appear on the iPod to indicate that it is receiving icons.

Remember, you will only see this message if you have actually changed the items that are marked for transfer — either by adding new icons, phrase strips, or videos, or by rearranging the order of the items.

Note: If you ordered the SmallTalk Package along with your Lingraphica, then your iPod will arrive with some icons already installed. After your Lingraphica was customized using information from your Personal Interests Form, the personal information on your Lingraphica was transferred to SmallTalk Aphasia.

Organizing SmallTalk Aphasia Icons and Videos

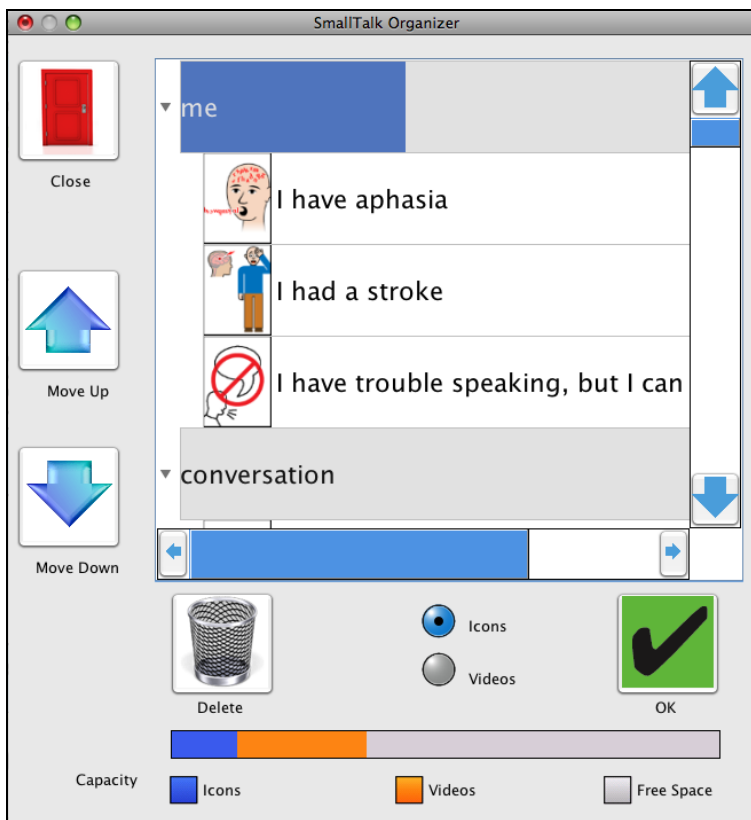
To organize the items that you transfer to SmallTalk Aphasia, you must use your Lingraphica; you cannot do any rearranging on the iPod itself. To view items that are marked for transfer and the order in which they will appear on SmallTalk Aphasia, go to the Lingraphica's SmallTalk menu and select Organize SmallTalk.



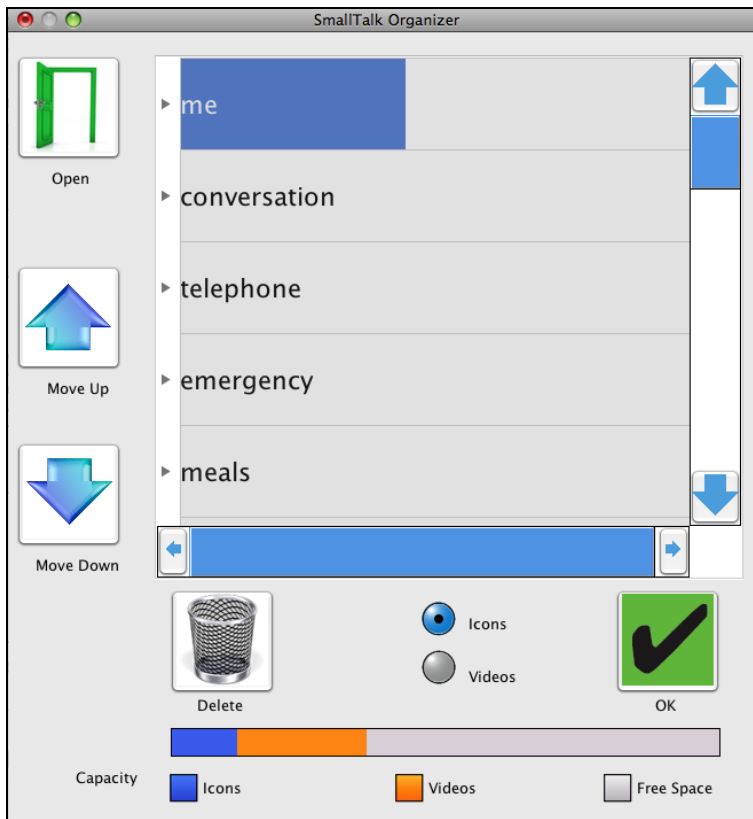
The SmallTalk Organizer will open showing the icons, phrase strips, and pages that you selected for transfer. These items will be displayed as a list of icons, grouped by the page they come from. The page names will be highlighted in gray.

This is exactly how they will appear in SmallTalk Aphasia. If you want to change the order of the items for SmallTalk Aphasia or choose whether to include at the top level of SmallTalk Aphasia just page names or the entire contents of a page, you will need to make these changes before transferring the items to SmallTalk Aphasia.

To hide the contents of individual pages, you can: (1) click on the page name and then click on the red Close button; (2) double-click on the page name; or (3) click on the small arrow to the left of the page name.



To show the contents of individual pages, you can: (1) click on the page name and then click on the green Open button; (2) double-click on the page name; or (3) click on the small arrow to the left of the page name.

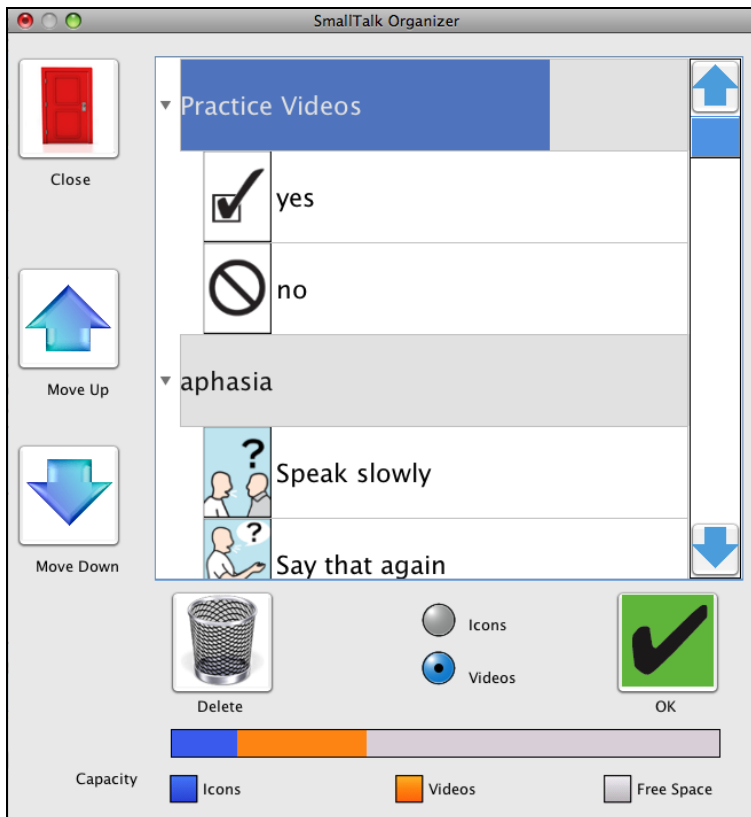


To rearrange icons and pages, you can: (1) click on the icon or page name and then click on the Move Up or Move Down buttons, or (2) click on the icon or page name and then drag it to a different location.

If you see an icon or an entire page in the SmallTalk Organizer that you no longer want transferred to SmallTalk Aphasia, simply click on it and then click Delete.

Note: You will not delete any icons or pages from your Lingraphica by deleting them from this list.

You can view videos that are marked for transfer by clicking on the Videos button.



You can rearrange videos using the same process described above for icons, phrase strips, and pages.

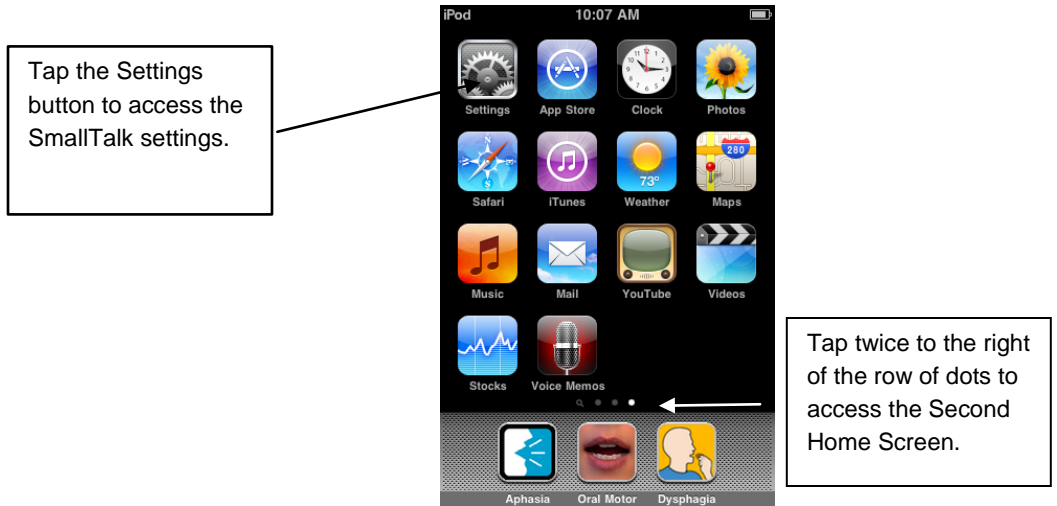
SmallTalk Capacity

SmallTalk Aphasia can hold up to 400 separate items (for example, 200 icons and 200 videos). To find out how much free space is still available, you can view the SmallTalk Organizer. The space used by icons is marked in blue; by videos, in orange; and the free space is gray.



SmallTalk Aphasia Settings

To access the SmallTalk Aphasia settings, tap the Settings button, which is located on the Third Home Screen. You'll come here to set up network and synchronization settings. To get to the Third Home Screen, tap twice to the right of the row of dots.



Tapping to the right of the row of dots will bring you to the Settings screen. Because the SmallTalk Aphasia settings are located near the bottom of the list, you will need to move your finger up the screen to scroll to the Aphasia settings.



Tap on Aphasia to access the settings, and the screen below will appear.



There are two settings that you can change.

Check for sync: Set this to ON to enable SmallTalk Aphasia to receive data from your Lingraphica. If it is turned OFF, simply tap OFF and it will switch to ON.

Reset next time: This setting is useful if you are having trouble starting SmallTalk Aphasia. Set Reset Next Time to ON, and the next time you start SmallTalk Aphasia, your SmallTalk Aphasia data will be erased and loaded with the basic icon set. Then when you press the Home button and tap on the Aphasia button, your icons, phrase strips, pages, and videos will be transferred back to SmallTalk Aphasia, provided that you have the iPod and Lingraphica connected to the same network.



SmallTalk Apathia Troubleshooting

If you can't transfer information from your Lingraphica to SmallTalk Apathia:

To synchronize the Lingraphica and SmallTalk Apathia, three things have to happen: (1) SmallTalk Apathia synchronization has to be set to ON; (2) the iPod's wireless connection (Wi-Fi) has to be turned ON; and (3) the iPod and the Lingraphica have to be on the same network; the procedure below will ensure that.

1. Check your SmallTalk Apathia settings to make sure that Sync is turned ON: Click on the Home button. Then tap the Settings icon. Click on Settings to go to SmallTalk settings. Make sure that Check for Sync is ON. If it says OFF, tap OFF to change it to ON. Then press the Home button. Launch SmallTalk Apathia, and you should get the Sync message on your Lingraphica. If you don't, proceed to the next step.
2. Check to make sure that the iPod Wi-Fi is on and connected to the Lingraphica network: Click on the Home button. Then tap the Settings icon. The first setting is the Wi-Fi setting. Check to make sure the word Lingraphica is listed to the right of Wi-Fi. If it is not, tap Wi-Fi to go to the Wi-Fi settings. The top line should say Wi-Fi ON. If it does not, tap OFF to switch it to ON and choose Lingraphica from the list of networks. If you don't see Lingraphica, please proceed to the next step.
3. Check to make sure that the Lingraphica is connected to the Lingraphica computer-to-computer network: Go to the Settings menu, select Preferences, click on the Network tab, and then click the box to the left of Create Network. If you are not able to check this box, please refer to the section titled "Step 2: Creating a computer-to-computer network" on page 23.



Other SmallTalk Apps

Lingraphica makes several SmallTalk apps and has plans to release more in the future. Our current offering of SmallTalk apps includes SmallTalk Aphasia, SmallTalk Dysphagia, and SmallTalk Oral Motor Exercises.

SmallTalk Dysphagia is designed for people with dysphagia — an impairment of the ability to swallow. This app provides a set of icons and phrases that allow patients to communicate their swallowing needs to caregivers and health-care providers who are helping them to eat. It contains 50 phrases covering adaptive eating equipment, meal assistance, diet, liquids, medications, and compensatory treatment techniques. It also contains four demonstration videos of treatment techniques commonly used for swallowing. SmallTalk Dysphagia can be set to speak in a male or female voice.

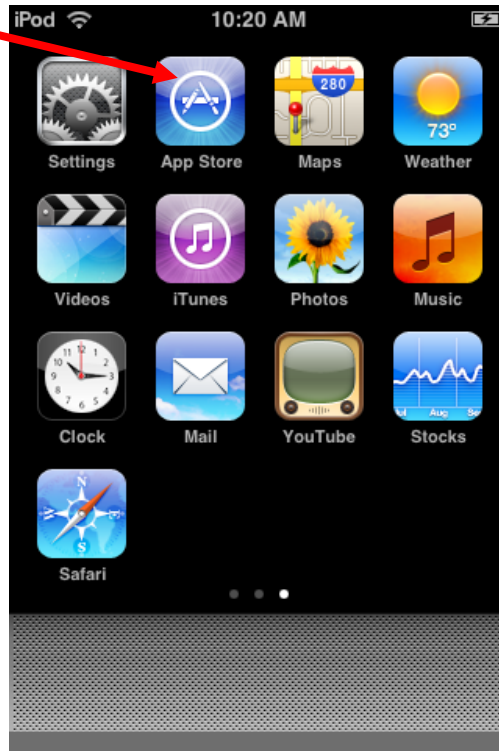
SmallTalk Oral Motor Exercises is designed for people with disorders that affect mouth, tongue, and lip muscles and/or oral coordination. This app consists of 52 videos illustrating cheek, tongue, soft palate, lip, and jaw movements that help strengthen the oral musculature. Because each exercise comes as an individual video, users can focus on the exercises they need and practice as often as they like. This app can be useful to people with degenerative neurological conditions, developmental disorders, or head injuries, as well as aphasia.

If your SmallTalk Package only included SmallTalk Aphasia and you would like to download other SmallTalk apps, you may download them directly to your iPod touch after you have connected your iPod touch to a wireless network.



Instructions for Downloading SmallTalk Apps

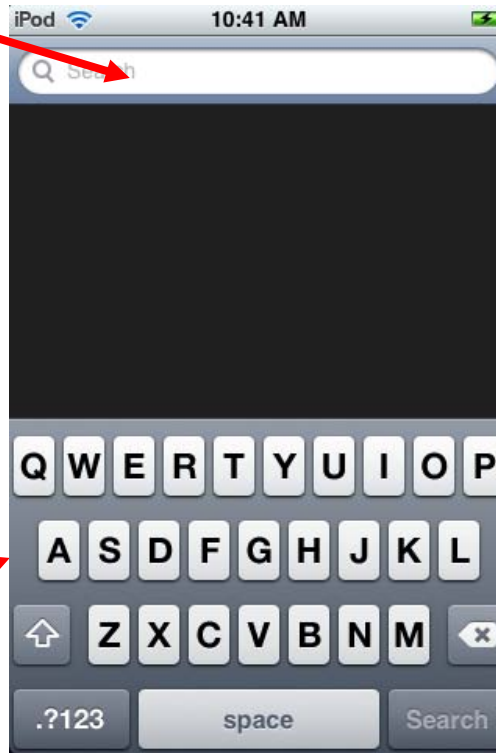
1. Tap App Store.



2. Tap Search button.

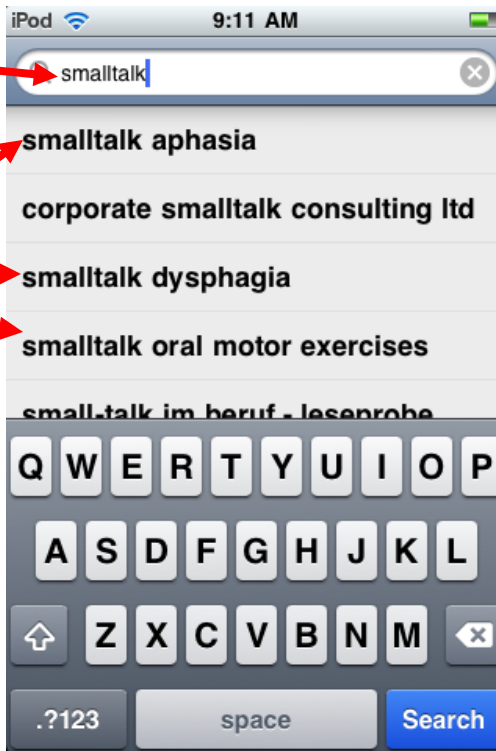


3. Tap in Search field.



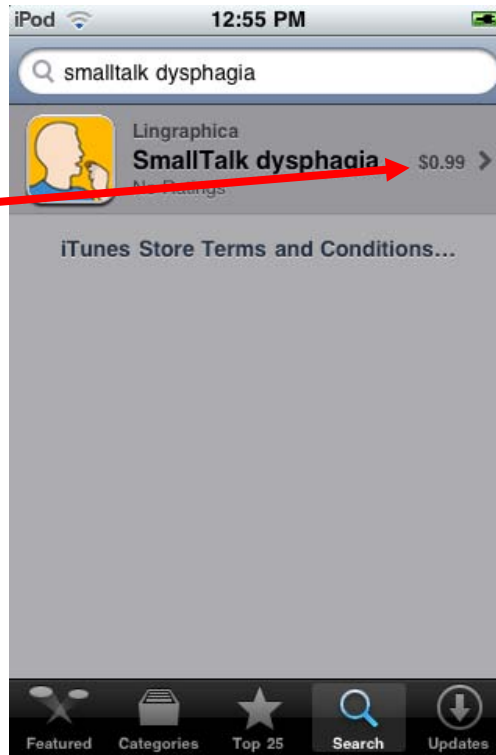
On-screen keyboard will appear.

4. Type "smalltalk".

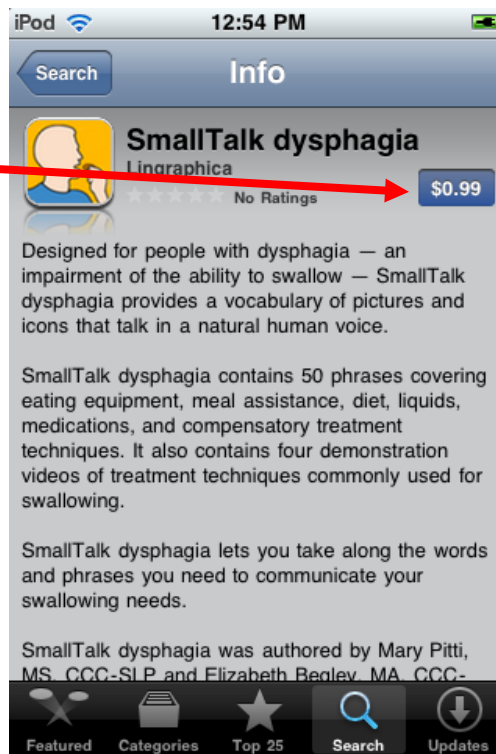


5. Tap the app you want to download. Your list may look different, and you might have to scroll down to find all of the SmallTalk apps.

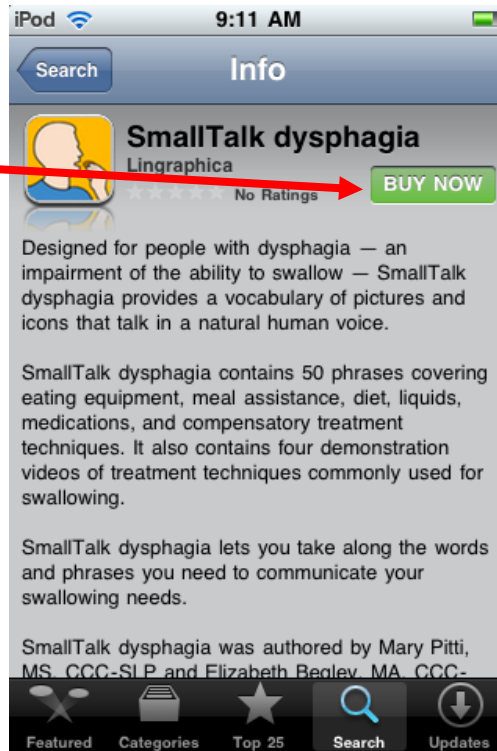
6. Tap the price (or FREE for SmallTalk Aphasia).



7. Tap the price again.



8. Tap BUY NOW.



9. You will be prompted to type your iTunes password. Type it and then tap OK.

If you bought your iPod from Lingraphica, please call us at 888-274-2742 for your password.





iPod touch Troubleshooting

If your iPod appears to be frozen and is not responding:

First, confirm that the iPod has sufficient battery power. Then, perform a reset: Press and hold the Sleep/Wake and the Home buttons at the same time for at least 10 seconds until the Apple logo appears.



Cleaning the iPod

To clean the iPod, unplug all cables and turn off the iPod (by pressing and holding the Sleep/Wake button, then sliding the on-screen slider). Use a soft, slightly damp, lint-free cloth. Avoid getting moisture in openings. Don't use window cleaners, household cleaners, aerosol sprays, solvents, alcohol, ammonia, or abrasives to clean the iPod.

Other iPod Apps

The iPod comes with other apps that you might find useful like a calendar and contacts app (i.e., address book). These are located on the Second Home Screen. To get to the Second Home Screen, press the Home button, and then tap to the right of the row of dots. These additional apps are not supported by Lingraphica. Please visit the Apple website for information about these other programs.



Warnings

Pacemakers: To avoid potential interference with pacemakers, patients with pacemakers should always keep the iPod more than six inches from their pacemaker when the iPod is turned on. Also, patients with pacemakers should not carry the iPod in a breast pocket.

Glass Parts: The outside cover of the iPod screen is made of glass. This glass could break if the iPod is dropped on a hard surface or receives a substantial impact. If the glass chips or cracks, do not attempt to remove the broken glass. Stop using the iPod and contact Lingraphica to receive instructions on repairing or replacing the iPod.