



Palm™ BlueBoard 2.0

Handbook

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Palm™ BlueBoard 2.0

Palm™ BlueBoard 2.0 allows you to wirelessly share and create drawings with other BlueBoard 2.0 users.

How it works

BlueBoard relies on Bluetooth™ technology to allow you to work on drawings with other BlueBoard users. You can wirelessly connect with similarly equipped handhelds up to 10 meters (30 feet) away. And unlike beaming, you aren't required to point your handheld at other handhelds in order to make and keep a connection.



BlueBoard uses the standard Bluetooth discovery process to automatically find all other users in range. In addition, BlueBoard stores the device names and addresses of the last ten BlueBoard users you collaborated with, so you don't have to go through the discovery process to find them again.

You can connect with up to three other BlueBoard users to work on a collaborative drawing.

System requirements

To install BlueBoard, your handheld must have at least 200 kilobytes (KB) of free RAM storage available.

To find the amount of RAM storage available:

1. Tap the Home icon .
2. Tap the Menu icon .
3. Tap Info in the App menu.
4. Tap Size.

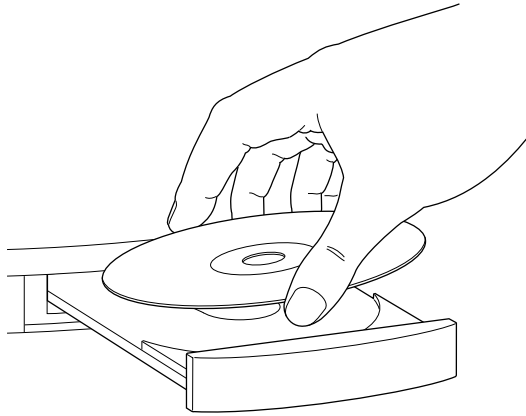
In the line beginning "Free Space" are two numbers. The second number is the total amount of RAM available on your handheld. The first number is the amount of free RAM available. If the first number can be rounded up to 200KB or more, your handheld has enough RAM to support BlueBoard. For example, if the first number is 1MB (1 megabyte), your handheld has enough RAM.


Installing BlueBoard

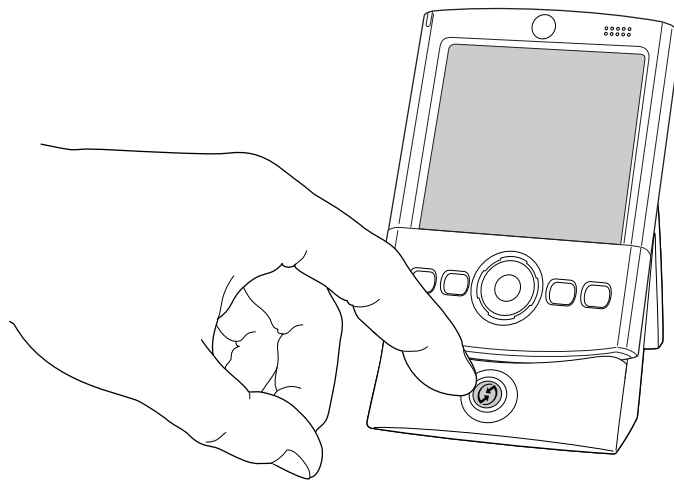
To use BlueBoard, you must install the software files located on the Software Essentials CD-ROM.

To install BlueBoard (Windows):


1. Insert the Software Essentials CD-ROM into your computer's CD-ROM drive.



2. From the categories listed on the left side of the Install screen click the Communications tab, click BlueBoard, and follow the onscreen instructions.
3. Connect your handheld to the cradle/cable and press the HotSync® button ™.





To install BlueBoard (Mac computer):

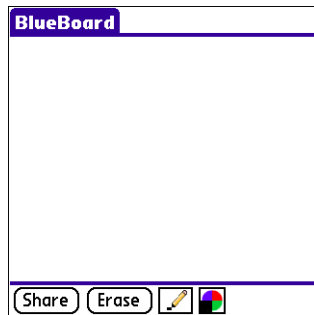
1. Insert the Software Essentials CD-ROM into your computer's CD-ROM drive.
2. Open the Software Essentials folder, open the Communications folder, double-click the BlueBoard Installer icon, and follow the onscreen instructions.
3. Connect your handheld to the cradle/cable and press the HotSync button .

Launching BlueBoard

Before you start sharing drawings, you need to launch BlueBoard.

To launch BlueBoard:


1. Tap the Home icon .
2. Tap the BlueBoard icon .



Getting help

If you need assistance using BlueBoard, you can open BlueBoard help.

To access BlueBoard Help:

1. Tap the Menu icon .
2. Tap Help from the Options menu.



Starting a BlueBoard session

To use BlueBoard, you can start drawing and then connect with other users, or you can connect with other users and then start drawing.

The user who invites other users to collaborate on a drawing is the *host*. Users who are invited to collaborate are *partners*.

Both the host and partners are free to make any edits they want to the drawing during a BlueBoard session. The only differences between the host and partners is that the host chooses the members for the session and that if the host leaves a BlueBoard session, the session ends. If a partner leaves a session, the host and other partners are free to continue collaborating.

In order to connect with other users, the partners' handhelds must meet the following criteria:

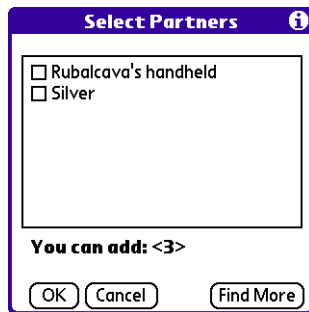
- Each handheld must include Bluetooth technology and be within 30 feet of each other.
- The Bluetooth preferences on each handheld must be set so that Bluetooth communication is on and the handheld is discoverable.
- Each handheld must have BlueBoard installed.
- Each handheld can't be running a different Bluetooth application.

To connect with partners as a host:

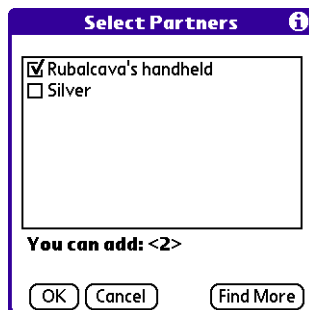
1. Tap Share.

If you are using BlueBoard for the first time, BlueBoard discovers all potential partners within range and displays their names on the Select Partners screen.

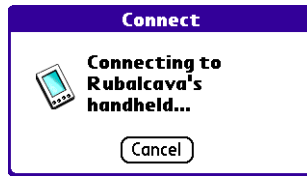
If you've already collaborated using BlueBoard, a list of recent partners from previous BlueBoard sessions is displayed on the Select Partners screen. BlueBoard stores the names of the ten most recent partners with whom you've collaborated.



- 2. Select partner(s) with whom you want to collaborate by selecting the check box next to the device name(s) on the Select Partners screen. You can select up to three partners. If you do not see the partners with whom you wish to collaborate, tap Find More to refresh the partner list with all of the potential BlueBoard partners within range.**

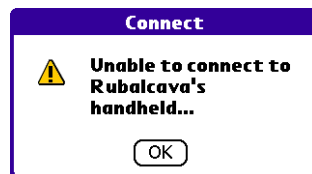


3. Tap OK.

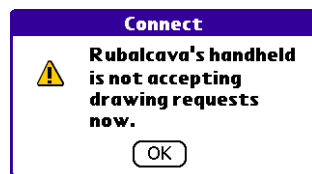


NOTE To stop a connection attempt, tap Cancel. BlueBoard then attempts to connect to the next partner you chose. If you cancel all connection attempts, tap Share to display a list of recent partners or to start the discovery process again.

4. The collaboration request made to each partner is resolved in one of several ways. Tap OK to acknowledge each message when appropriate:
 - If a partner does not have BlueBoard installed, has a Bluetooth application other than BlueBoard running, or a connection can't be established for some other reason, you'll see the following message:



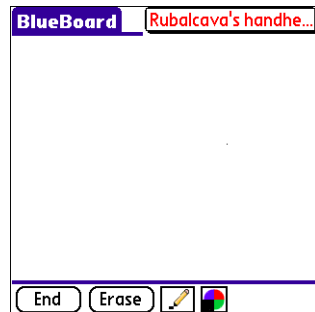
- If a partner has blocked all requests for BlueBoard connections, you'll see the following message:



- If a partner declines your invitation, you'll see the following message:

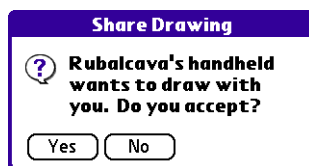


- If a partner accepts your invitation, their name will appear in the Partners pick list in the upper-right corner of the main screen when all connection attempts have been resolved. Tap Partners to see who you are sharing with. If you started drawing before you established a connection, what you've drawn appears on all of the group's handhelds.




To connect with a host as a partner:

1. When a host invites you to collaborate, you'll see the following message:



2. Tap Yes to accept the invitation and start drawing or No to decline the invitation. If the host has already started drawing, you'll see their drawing on your handheld after you accept the invitation.

TIP If you don't want to be interrupted by collaboration requests, you can block them. Tap the Menu icon , tap Options, then tap Block Requests.

Drawing

Once a successful BlueBoard session has started, you use the main screen to draw and make edits.



Draw directly in the input area as you would in Note Pad. Whether you are a host or a partner, what you draw appears on all handhelds in the group.

Tap Erase to erase the entire drawing on all handhelds.

You can change the width of the lines you draw with by clicking the pen palette and choosing a new line width.

On color handhelds, what you draw is shown in a unique color. Tap Partners to see the color assignments. By default, the colors are assigned as follows:

- Host: black
- Partner 1: red
- Partner 2: blue
- Partner 3: green

You can change the color assigned to you by tapping the color wheel and choosing a new color. Remember that if someone else is already using the color you choose, you might cause confusion.

Ending a drawing session

When you are finished collaborating, you can end your participation in a drawing session.

To end your participation:

- Tap End on the main BlueBoard screen.

The results of ending your participation in a drawing session vary as follows:

- If you are the host, the entire session ends and a warning message appears on all partners' handhelds. All handhelds then return to the BlueBoard connection screen.
- If you are a partner, you return to the connection screen and your name is removed from the Partners pick list on the other collaborators' handhelds. The session continues for the other collaborators and the drawing you've done in the session remains.

NOTE You can also just walk away from a drawing session to end your participation in it, but this will cause a Lost Connection alert to appear on your partner's handhelds.

Configuring BlueBoard

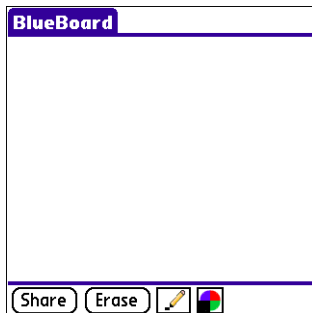
You can change BlueBoard to block drawing requests or to name your handheld.

Blocking drawing requests

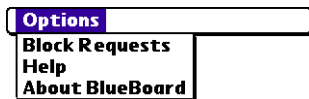
If you don't want to be bothered by drawing requests, you can block them.

To block all drawing requests:


1. Tap the Menu icon .



2. Tap Block Requests from the Options menu.



To stop blocking drawing requests:



1. Tap the Menu icon .
2. Tap Allow Requests from the Options menu.

Assigning a new Bluetooth device name to your handheld

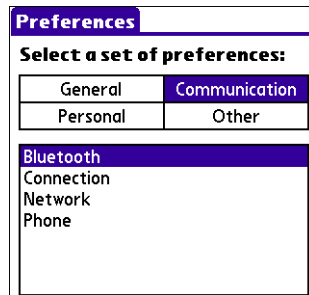
You can change the name that identifies your handheld to other BlueBoard users by changing the name your handheld is known by in all Bluetooth applications.

Note that this procedure will not change the HotSync name of your handheld, only how it is identified and discovered in BlueBoard and other Bluetooth applications.

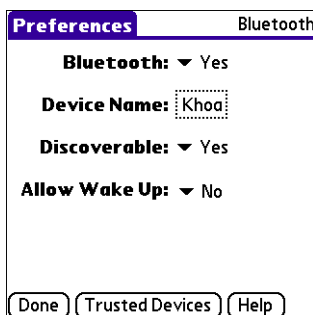
To name your handheld:

1. Tap the Home icon .
2. Tap the Preferences icon .

3. Tap Communication and then tap Bluetooth.



4. Tap the Device Name field, enter a new name for your handheld, and then tap OK.



Troubleshooting

Problem

I get a message that says I lost the connection with my partner.

I can't discover or connect to any other partners even though they are within range.

Solution

Either the distance between your partner and yourself has grown too large or an intervening object has broken your connection. Start the connection process again.

Objects between Bluetooth users can obstruct connections. Try moving so the pathway between you and your drawing partners is clear of obstructions.

Also, make sure all partners have set their Bluetooth preferences so that Bluetooth technology is on and their handheld is discoverable.

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