



# XCRiPad User Manual

Ver 1.3



[www.xciel.com](http://www.xciel.com)

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# Overview

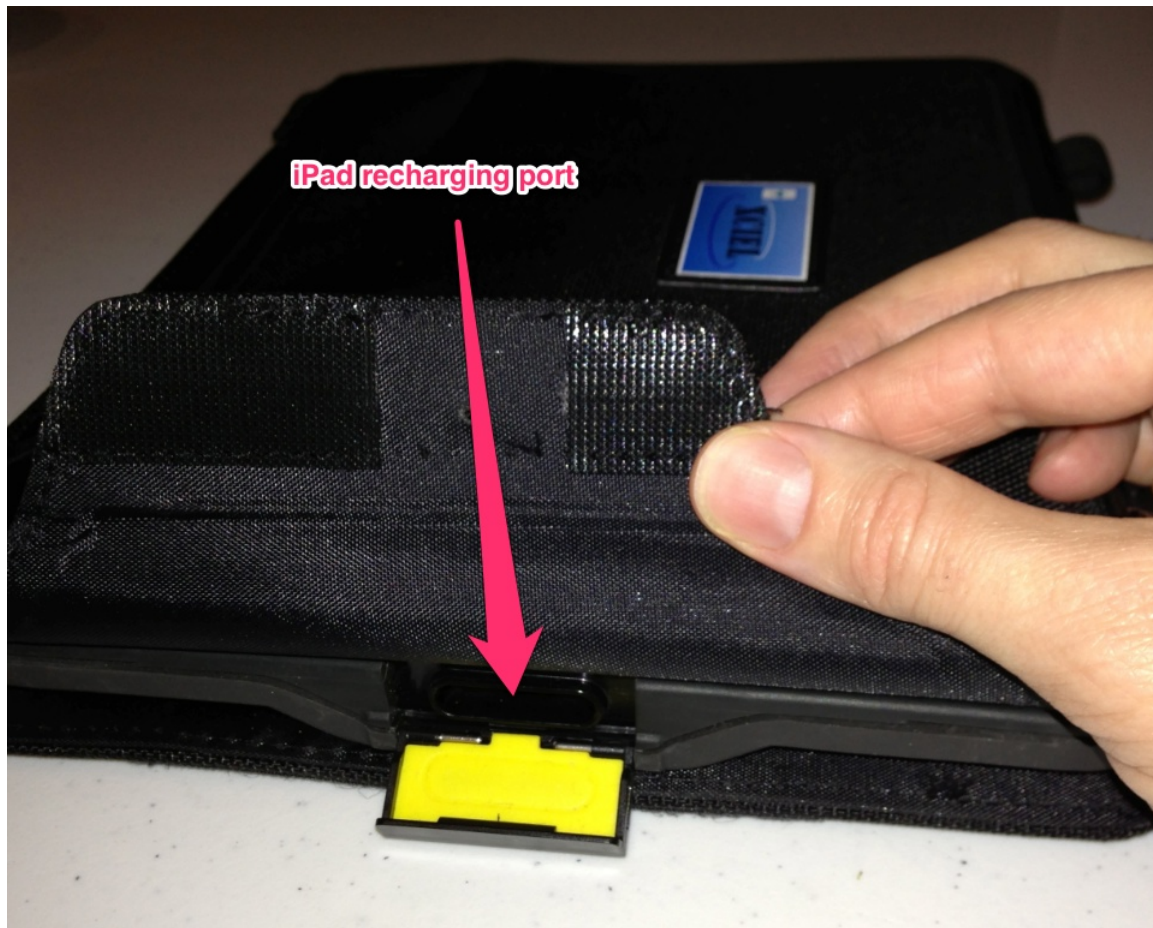
Front side



Back side



Recharging port



# Accessories

The following accessories are included with iPad:

## **10W USB power adapter**

Use the 10W USB power adapter to provide power to iPad and charge the battery.



## **USB Cable**

Use this cable to connect XCiPad to the 10W USB power adapter to charge or to your computer to sync and charge.



# Buttons

## Sleep/Wake button

You can lock iPad by putting it to sleep when you're not using it. When you lock iPad, nothing happens if you touch the screen, but music continues playing and you can use the volume buttons.

**Lock iPad =>** Press the Sleep/Wake button.

**Unlock iPad =>** Press the Home button or the Sleep/Wake button, then drag the slider.

**Turn iPad off =>** Hold down the Sleep/Wake button for a few seconds until the red slider appears, then drag the onscreen slider.

**Turn iPad on =>** Hold down the Sleep/Wake button until the Apple logo appears.

If you don't touch the screen for a minute or two, iPad locks automatically. You can change how long it takes the screen to lock, or set a passcode to unlock iPad.

**Set the Auto-Lock time:** In Settings, go to General > Auto-Lock, then set a time for iPad to lock automatically.

**Set a passcode:** In Settings, go to General > Passcode Lock, then tap On or Off.

## Home button

The Home button lets you get back to the Home screen at any time. It also provides other convenient shortcuts.

**Go to the Home screen:** Press the Home button .

**Display the multitasking bar to see recently used apps =>** Display the multitasking bar to see recently used apps

**Display audio playback controls =>** *When iPad is locked:* Double-click the Home button.

## Volume button

There is no physical volume button on the XCiPad. To be able to adjust the volume, use the AssistiveTouch function.

**Turn on AssistiveTouch:** Go to Settings > General > Accessibility > AssistiveTouch. You can also set Triple-click Home to turn AssistiveTouch on or off; go to Settings > General > Accessibility > Triple-click Home.

Tap on the new white Gestures button that appeared on the bottom right inside of your screen, click on Device, click on Volume Up or Volume Down.

## Side Switch

There is no physical Side Switch button on the XCiPad. To disable audio alerts and notifications or to lock the screen rotation and prevent the iPad display from switching between portrait and landscape mode, use the AssistiveTouch function.

**Turn on AssistiveTouch:** Go to Settings > General > Accessibility > AssistiveTouch. You can also set Triple-click Home to turn AssistiveTouch on or off; go to Settings > General > Accessibility > Triple-click Home.

Tap on the new white Gestures button that appeared on the bottom right inside of your screen, click on Device, click on Unlock Rotation or Lock Rotation Screen.

## Home screen button

Press the Home button at any time to go to the Home screen, which displays your iPad apps.

## Status icons

The icons in the status bar at the top of the screen give information about iPad:

| Status icon                                                                         |                         | What it means                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | Wi-Fi                   | Shows that iPad has a Wi-Fi Internet connection. The more bars, the stronger the connection. See "Joining a Wi-Fi network" on page 120.                                                                                                                                                                         |
|    | Personal Hotspot        | Shows that iPad is providing a Personal Hotspot to another iPad, iPhone, or iPod touch. See "Personal Hotspot" on page 123.                                                                                                                                                                                     |
|    | Syncing                 | Shows that iPad is syncing with iTunes. See "Syncing with iTunes" on page 20.                                                                                                                                                                                                                                   |
|    | Activity                | Shows network and other activity. Some third-party apps use this icon to show an active process.                                                                                                                                                                                                                |
|  | VPN                     | Shows that you're connected to a network using VPN. See "VPN" on page 123.                                                                                                                                                                                                                                      |
|  | Lock                    | Shows that iPad is locked. See "Sleep/Wake button" on page 10.                                                                                                                                                                                                                                                  |
|  | Screen orientation lock | Shows that the screen orientation is locked. See "Viewing in portrait or landscape" on page 15.                                                                                                                                                                                                                 |
|  | Location Services       | Shows that an item is using Location Services. See "Location Services" on page 122.                                                                                                                                                                                                                             |
|  | Play                    | Shows that a song, audiobook, or podcast is playing. See "Playing songs and other audio" on page 85.                                                                                                                                                                                                            |
|  | Bluetooth               | <i>White icon:</i> Bluetooth is on and paired with a device, such as a headset or keyboard.<br><i>Gray icon:</i> Bluetooth is on and paired with a device, but the device is out of range or turned off.<br><i>No icon:</i> Bluetooth is turned off or not paired.<br>See "Using Bluetooth devices" on page 37. |
|  | Battery                 | Shows the battery level or charging status. See "Charging the battery" on page 22.                                                                                                                                                                                                                              |

| Status icon                                                                       |               | What it means                                                                                                                                                  |
|-----------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Airplane mode | Shows that airplane mode is on—you can't access the Internet, or use Bluetooth® devices. Non-wireless features are available. See "Airplane Mode" on page 120. |
| <b>LTE</b>                                                                        | LTE           | Shows that your carrier's 4G LTE network (iPad Wi-Fi + 4G) is available, and you can connect to the Internet over 4G LTE.                                      |
| <b>4G</b>                                                                         | 4G            | Shows that your carrier's 4G network (some iPad Wi-Fi + 4G models) is available, and you can connect to the Internet over 4G.                                  |
| <b>3G</b>                                                                         | 3G            | Shows that your carrier's 3G network (4G or 3G models) is available, and you can connect to the Internet over 3G.                                              |
| <b>E</b>                                                                          | EDGE          | Shows that your carrier's EDGE network (some 4G or 3G models) is available, and you can connect to the Internet over EDGE.                                     |
|  | GPRS          | Shows that your carrier's GPRS network (some 4G or 3G models) is available, and you can connect to the Internet over GPRS.                                     |

## Using the Multi-Touch screen

The controls on the Multi-Touch screen change, depending on the task you're performing. To control iPad, use your fingers to pinch, swipe, tap, and double-tap.

### Using multitasking gestures

You can use multitasking gestures on iPad to return to the home screen, reveal the multitasking bar, or switch to another app.

**Return to the Home screen:** Pinch four or five fingers together.

**Reveal the multitasking bar:** Swipe up with four or five fingers.

**Switch apps:** Swipe left or right with four or five fingers.

**Turn multitasking gestures on or off:** In Settings, go to > General > Multitasking Gestures, then tap On or Off.

### Zooming in or out

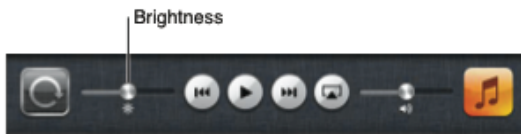
While viewing photos, webpages, mail, or maps, you can zoom in and out. Pinch two fingers together or apart. For photos and webpages, you can double-tap (tap twice quickly) to zoom in, then double-tap again to zoom out. For maps, double-tap to zoom in and tap once with two fingers to zoom out.



Zoom is also an accessibility feature that lets you magnify the entire screen of any app you're using and helps you see what's on the display.

## Adjusting brightness

To adjust the screen's brightness, double-click the Home button to view the multitasking bar. Flick from left to right, then drag the brightness slider.



### Use Auto-Brightness to automatically adjust the screen's brightness:

In Settings, go to Brightness & Wallpaper.

## Using the onscreen keyboard

The onscreen keyboard appears automatically anytime you need to type. Use the keyboard to enter text, such as contact information, mail, and web addresses. The keyboard corrects misspellings, predicts what you're typing, and learns as you use it.

## Viewing in portrait or landscape

You can view iPad's built-in apps in either portrait or landscape orientation. Rotate iPad and the screen rotates too, adjusting automatically to fit the new orientation.

You may prefer landscape orientation for viewing webpages in Safari, for example, or when entering text. Webpages automatically scale to the wider screen, making the text and images larger. The onscreen keyboard also becomes larger, which may help increase your typing speed and accuracy. Lock the screen orientation if you want to keep the screen from rotating.



# Getting Started

Read this chapter to learn how to set up iPad, set up mail accounts, use iCloud, and more.

## What you need

**WARNING:** To avoid injury, read all operating instructions in this guide and safety information in the *iPad Important Product Information Guide* at [support.apple.com/manuals/ipad](http://support.apple.com/manuals/ipad) before using iPad.

To use iPad, you need:

- An Apple ID for some features, including iCloud, the App Store and iTunes Store, and online purchases
- An Internet connection (broadband is recommended) To use iPad with your computer, you need:
- A Mac or a PC with a USB 2.0 port and one of the following operating systems:
  - Mac OS X version 10.5.8 or later
  - Windows 7, Windows Vista, or Windows XP Home or Professional with Service Pack 3 or later
- iTunes 10.6 or later, available at [www.itunes.com/download](http://www.itunes.com/download)

## Setting up iPad

To set up iPad, turn it on and follow the Setup Assistant. The onscreen directions in Setup Assistant step you through the setup process, including connecting to a Wi-Fi network, signing in with or creating a free Apple ID, setting up iCloud, and turning on recommended features, such as Location Services and Find My iPad.

During setup, you can copy your apps, settings, and content from another iPad by restoring from an iCloud backup or from iTunes.

## Setting up mail and other accounts

iPad works with iCloud, Microsoft Exchange, and many of the most popular Internet-based mail, contacts, and calendar service providers.

If you don't already have a mail account, you can set up a free iCloud account when you set up iPad, or set one up later in Settings > iCloud.

**Set up an iCloud account:** Go to Settings > iCloud.

**Set up another account:** Go to Settings > Mail, Contacts, Calendars.

You can add contacts using an LDAP or CardDAV account, if your company or organization supports it.

## Managing content on iPad

You can transfer information and files between iPad and your other iOS devices and computers, using either iCloud or iTunes.

- *iCloud* stores content such as music, photos, and more, and wirelessly pushes it to your other iOS devices and computers, keeping everything up to date. See "Using iCloud," below.
- *iTunes* syncs music, video, photos, and more between your computer and iPad. Changes you make on one device are copied to the other when you sync. You can also use iTunes to

copy a file to iPad for use with an app, or to copy a document you've created on iPad to your computer.

You can use iCloud or iTunes, or both, depending on your needs. For example, you can use iCloud Photo Stream to automatically push photos you take on iPad to your other devices, and use iTunes to sync photo albums from your computer to iPad.

**Note:** Don't sync items in the Info pane of iTunes (such as contacts, calendars, and notes) and also use iCloud to keep that information up to date on your devices. Otherwise, you may see duplicated data on iPad.

## Using iCloud

iCloud stores your content, including music, photos, contacts, calendars, and supported documents. Content stored in iCloud is pushed wirelessly to your other iOS devices and computers set up with the same iCloud account.

iCloud is available on iOS 5 devices, on Macs running OS X Lion v10.7.2 or later, and on PCs with the iCloud Control Panel for Windows (Windows Vista Service Pack 2 or Windows 7 required).

iCloud features include:

- *iTunes in the Cloud*—Download previous iTunes music and TV show purchases to iPad for free, anytime you like.
- *Apps and Books*—Download previous App Store and iBookstore purchases for free, anytime you like.
- *Photo Stream*—Photos you take on one device appear automatically on all your devices.
- *Documents in the Cloud*—For iCloud-enabled apps, keep documents and app data up to date across all your devices.
- *Mail, Contacts, Calendars*—Keep your mail contacts, calendars, notes, and reminders up to date across all your devices.
- *Backup*—Back up iPad to iCloud automatically when connected to power and Wi-Fi.
- *Find My iPad*—Locate your iPad on a map, display a message, play a sound, lock the screen, or remotely wipe the data.
- *Find My Friends*—Keep track of your family and friends (when connected to a Wi-Fi or cellular network) using the Find My Friends app. Download the free app from the App Store.
- *iTunes Match*—With an iTunes Match subscription, all your music, including music you've imported from CDs or purchased somewhere other than iTunes, appears on all of your devices and can be downloaded and played on demand.

With iCloud, you get a free mail account and 5 GB of storage for your mail, documents, and backups. Your purchased music, apps, TV shows, and books, as well as your Photo Stream, don't count against your free space.

|                                                       |                                                                                                                                                                                                                                          |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Enable or disable iCloud services                     | Go to Settings > iCloud.                                                                                                                                                                                                                 |
| Enable iCloud backups                                 | Go to Settings > iCloud > Storage & Backup.                                                                                                                                                                                              |
| Find your iPad                                        | Visit <a href="http://www.icloud.com">www.icloud.com</a> , sign in with your Apple ID, then choose Find My iPad.<br><i>Important:</i> On your iPad, Find My iPad must be turned on in Settings > iCloud in order for iPad to be located. |
| Buy more iCloud storage                               | Go to Settings > iCloud > Storage & Backup, then tap Buy More Storage. For information about buying iCloud storage, go to <a href="http://help.apple.com/icloud">help.apple.com/icloud</a> .                                             |
| View and download previous iTunes Store purchases     | Go to the iTunes Store, then tap Purchased (📁).                                                                                                                                                                                          |
| View and download previous App Store purchases        | Go to the App Store, then tap Purchased (📁).                                                                                                                                                                                             |
| View and download previous iBookstore purchases       | Go to iBooks, tap Store, then tap Purchased (📁).                                                                                                                                                                                         |
| Turn Photo Stream on or off                           | Go to Settings > iCloud > Photo Stream.                                                                                                                                                                                                  |
| Turn on Automatic Downloads for music, apps, or books | Go to Settings > Store.                                                                                                                                                                                                                  |

For more information about iCloud, go to [www.apple.com/icloud](http://www.apple.com/icloud). For support information, go to [www.apple.com/support/icloud](http://www.apple.com/support/icloud).

## Syncing with iTunes

Syncing with iTunes copies information from a computer to iPad, and vice versa. You can sync by connecting iPad to your computer using the Dock Connector to USB Cable, or you can set up iTunes to sync wirelessly using Wi-Fi. You can set iTunes to sync music, photos, video, podcasts, apps, and more. For detailed information about syncing iPad with a computer, open iTunes then select iTunes Help from the Help menu.

**Set up wireless iTunes syncing:** Connect iPad to your computer using the Dock Connector to USB Cable. In iTunes, turn on “Sync over Wi-Fi connection” in the device’s Summary pane. When Wi-Fi syncing is turned on, iPad automatically syncs every day. iPad must be connected to a power source, both iPad and your computer must be on the same wireless network, and iTunes must be open on the computer. For more information, see “iTunes Wi-Fi Sync.”

### Tips for syncing with iTunes

- If you’re using iCloud to store your contacts, calendars, bookmarks, and notes, don’t also sync them to iPad using iTunes.
- Purchases you make from the iTunes Store or the App Store on iPad are synced back to your iTunes library. You can also purchase or download content and apps from the iTunes Store on your computer, and then sync them to iPad.
- In the device’s Summary pane, you can set iTunes to automatically sync iPad when it’s attached to your computer. To temporarily override this, hold down Command and Option (Mac) or Shift and Control (PC) until you see your iPad appear in the sidebar.
- In the device’s Summary pane, select “Encrypt backup” if you want to encrypt the information stored on your computer when iTunes makes a backup. Encrypted backups are indicated by a lock icon, and you need a password to restore the backup. If you don’t select

this option, passwords (such as those for mail accounts) aren't included in the backup and have to be reentered if you use the backup to restore iPad.

- In the device's Info pane, when you sync mail accounts, only the settings are transferred from your computer to iPad. Changes you make to a mail account on iPad don't affect the account on your computer.
- In the device's Info pane, click Advanced to select options that let you *replace* the information on iPad with the information from your computer during the next sync.
- If you listen to part of a podcast or audiobook, your stopping point is included if you sync the content with iTunes. If you started listening on iPad, you can pick up where you left off in iTunes on your computer—or vice versa.
- In the device's Photo pane, you can sync photos and videos from a folder on your computer.

## Connecting iPad to your computer

Use the included USB mini to USB Cable to connect iPad to your computer. Connecting iPad to your computer allows you to sync information, music, and other content with iTunes. You can also sync with iTunes wirelessly.

Unless iPad is syncing with your computer, you can disconnect it at any time. If you disconnect while a sync is in progress, some data may not get synced until the next time you connect iPad to your computer.

**Cancel a sync:** Drag the slider on iPad.

## Viewing the user guide on iPad

You can view the *iPad User Guide* on iPad in Safari, or you can install the free iBooks app and download the guide from the iBookstore.

**View the user guide in Safari:** In Safari, tap , then tap the *iPad User Guide* bookmark. Or go to [help.apple.com/ipad](http://help.apple.com/ipad).

**Add an icon for the user guide to the Home screen:** Tap , then tap "Add to Home Screen."

**View the user guide in iBooks:** If you haven't installed iBooks, open the App Store, then search for and install "iBooks." Open iBooks and tap Store. Search for "iPad User Guide," then select and download the user guide.

**Chapter 2** Getting Started **21**

## Battery

iPad has an internal rechargeable battery. For more information about iPad batteries, go to [www.apple.com/batteries/ipad.html](http://www.apple.com/batteries/ipad.html).

## Charging the battery

**WARNING:** For important safety information about charging iPad, see the *iPad Important Product Information Guide* at [support.apple.com/manuals/ipad](http://support.apple.com/manuals/ipad).

The battery icon in the upper-right corner of the status bar shows the battery level or charging status.



**Charge the battery:** The best way to charge the iPad battery is to connect iPad to a power outlet using the included Dock Connector to USB Cable and 10W USB power adapter. When you connect

iPad to a USB 2.0 port on a Mac with the Dock Connector to USB Cable, iPad may charge slowly while syncing.

**Important:** The iPad battery may drain instead of charge if iPad is connected to a PC, to a computer that's turned off or is in sleep or standby mode, to a USB hub, or to the USB port on a keyboard. If your Mac or PC doesn't provide enough power to charge iPad, a "Not Charging" message appears in the status bar. To charge iPad, disconnect it from your computer and connect it to a power outlet using the included Dock Connector to USB Cable and 10W USB power adapter.

**Important:** If iPad is very low on power, it may display one of the following images, indicating that iPad needs to charge for up to twenty minutes before you can use it. If iPad is extremely low on power, the display may be blank for up to two minutes before one of the low-battery images appears.

### **Maximizing battery life**

iPad uses a lithium-ion battery. For information about maximizing the battery life of iPad, go to [www.apple.com/batteries/ipad.html](http://www.apple.com/batteries/ipad.html).

### **Replacing the battery**

The iPad battery isn't user replaceable; it can be replaced only by an Apple Authorized Service Provider (AASP). Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. AASPs also recycle iPad batteries according to local laws and regulations. For information, go to [www.apple.com/batteries/replacements.html](http://www.apple.com/batteries/replacements.html).

## **Using and cleaning iPad**

To clean iPad, unplug all cables and turn off iPad (press and hold the Sleep/Wake button until the red slider appears, then slide the onscreen 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 iPad. The iPad screen has an oleophobic coating; simply wipe the screen with a soft, lint-free cloth to remove oil left by your hands. The ability of this coating to repel oil will diminish over time with normal usage, and rubbing the screen with an abrasive material will further diminish its effect and may scratch your screen.

## Specification:

- Class1 Div2. Hazardous Location Listing for the US and Canada
- ATEX Zone2. Hazardous Location Listing for Europe.
- Group A, B, C, D
- Rubber and Nylon cases sealed to Nema 4 (Outdoors application)
- IP67 (Water / Dust proof)
- Wi-Fi (802.11a/b/g/n)
- Bluetooth 2.1 + EDR technology (Enhanced Data Rate)
- 16Gb Storage (see options for more Storage)
- 9.7-inch (diagonal) LED-backlit glossy widescreen. Brightness: 400 cd/m2 (nits)
- Multi-Touch display with IPS technology (wide viewing-angle)
- 2048-by-1536-pixel resolution for iPad4
- Front and back camera
- 1GHz dual-core Apple A6X for iPad4
- Built-in 25-watt-hour rechargeable lithium- polymer battery
- Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music
- Charging via power adapter or USB to computer system
- Operating temperature: 32° to 95° F (0°C to 35°C)
- Non-operating temperature: -4° to 113° F (-20°C to 45°C)
- Humidity: 5% to 95% non-condensing
- Height: 10.5" (266 mm)
- Width: 8.5" (215 mm)
- Depth: 1.5" (50 mm)
- Weight: 3 lbs (1.4 kg)
- **Patents pending**

## Label / Warning

WARNING - EXPLOSION HAZARD -  
DO NOT CONNECT/RECHARGE THE EQUIPMENT UNLESS  
THE AREA IS KNOWN TO BE NON-HAZARDOUS;

AVERTISSEMENT - RISQUE D'EXPLOSION -  
AVANT DE CONNECTER/RECHARGER L'EQUIPEMENT  
ASSURER QUE L'EMPLACEMENT EST DESIGNÉ  
NON DANGEREUX

XCRiPad  
Xciel Inc.  
5554 South Peek rd  
KATY, TX 77450 (USA) C



Class 1 Div 2  
Group A,B,C,D  
Temp Code T5  
5.1VDC / 2.1A max.  
IP67  
DOM: 04/2013  
Serial#: XCR246  
Conforms To  
ANSI/ISA STD 12.12.01  
ANSI/UL STD 60950-1  
Certified To  
CAN/CSA STD C22.2 No. 60950-1  
CSA STD C22.2 # 213

Intertek  
4007563

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ATEX Zone2  
 II 3G Ex ic IIC T4 Gc



## Support, Troubleshooting and Other Information

iPad Support site

Comprehensive support information is available online at [www.apple.com/support/ipad](http://www.apple.com/support/ipad). You can also use Express Lane for personalized support (not available in all areas). See [expresslane.apple.com](http://expresslane.apple.com).

## Low-battery image or “Not Charging” message appears

iPad is low on power and needs to charge for up to twenty minutes before you can use it.



- When charging, make sure you're using the 10W USB power adapter that came with iPad or the USB port on a recent Mac. The fastest way to charge is to use the power adapter. See “Charging the battery” on page 22.
- For faster charging, turn iPad off.
- iPad may not charge when connected to the USB port on an older Mac, a PC, a keyboard, or to a USB hub.

If your Mac or PC doesn't provide enough power to charge iPad, a Not Charging message appears in the status bar. To charge iPad, disconnect it from your computer and connect it to a power outlet using the included Dock Connector to USB Cable and 10W USB power adapter.

## iPad doesn't respond

- iPad may be low on power. Connect iPad to the 10W USB power adapter to charge.
- Press and hold the Sleep/Wake button for a few seconds until a red slider appears, then press and hold the Home button to force the app you were using to close.
- If that doesn't work, turn iPad off, and then turn it on again. Press and hold the Sleep/Wake button until a red slider appears, then drag the slider. Then press and hold the Sleep/Wake button until the Apple logo appears.
- If that doesn't work, reset iPad. Press and hold both the Sleep/Wake button and the Home button for at least ten seconds, until the Apple logo appears.
- If the screen doesn't rotate when you turn iPad, hold iPad upright, and make sure that the screen rotation lock is not engaged.

## Restarting and resetting iPad

If something isn't working right, try restarting iPad, forcing an app to close, or resetting iPad.

**Restart iPad:** Hold down the Sleep/Wake button until the red slider appears. Slide your finger across the slider to turn off iPad. To turn iPad back on, hold down the Sleep/Wake until the Apple logo appears.

**Force an app to close:** Hold down the Sleep/Wake button on top of iPad for a few seconds until a red slider appears, then hold down the Home button until the app closes.

If you can't turn off iPad or if the problem continues, you may need to reset iPad. This should be done only if turning iPad off and on doesn't resolve the problem.

**Reset iPad:** Hold down the Sleep/Wake button and the Home button at the same time for at least ten seconds, until the Apple logo appears.

## “This accessory is not supported by iPad” appears

The accessory you attached may not work with iPad. Make sure the Dock Connector to USB Cable is free of debris, and refer to the documentation that came with the accessory.

## An app doesn't fill the screen

Most apps for iPhone and iPod touch can be used with iPad, but they might not take advantage of the large screen. In this case, tap to zoom in on the app. Tap to return to the original size. Check the App Store to see if there's a version of the app that's optimized for iPad, or a universal version that's optimized for iPhone, iPod touch, and iPad.

## Onscreen keyboard doesn't appear

If iPad is paired with a Bluetooth keyboard, the onscreen keyboard doesn't appear. To make the onscreen keyboard appear, press the Eject key on a Bluetooth keyboard. You can also make the onscreen keyboard appear by moving the Bluetooth keyboard out of range or turning it off.

## Backing up iPad

You can use iCloud or iTunes to automatically back up iPad. If you choose to automatically back up using iCloud, you can't also use iTunes to automatically back up to your computer, but you can use iTunes to manually back up to your computer.

### Backing up with iCloud

iCloud automatically backs up to iPad daily over Wi-Fi, when it's connected to a power source and is locked. The date and time of the last backup is listed at the bottom of the Storage & Backup screen. iCloud backs up your:

- Purchased music, TV shows, apps, and books
- Photos and videos in your Camera Roll
- iPad settings
- App data
- Home screen and app organization
- Messages

If you didn't enable iCloud backups when you first set up your iPad, you can turn it on in iCloud settings. When you turn on iCloud backup, iPad no longer backs up to your computer automatically when you sync with iTunes.

## Updating and restoring iPad software

You can update iPad software in Settings, or by using iTunes. You can also erase iPad, and then use iCloud or iTunes to restore a backup.

Deleted data is no longer accessible through the iPad user interface, but it isn't erased from iPad. For information about erasing all content and settings, see "Reset" on page 129.

### Updating iPad

You can update iPad software in Settings, or by using iTunes.

**Update wirelessly on iPad:** Go to Settings > General > Software Update. iPad checks for available software updates.

**Update software in iTunes:** iTunes checks for available software updates each time you sync iPad using iTunes. See "Syncing with iTunes" on page 20.

For more information about updating iPad software, go to [support.apple.com/kb/HT4623](http://support.apple.com/kb/HT4623).

## Restoring iPad

You can use iCloud or iTunes to restore iPad from a backup.

**Restore from an iCloud backup:** Reset iPad to erase all settings and information. Sign in to iCloud and choose Restore from a Backup in the Setup Assistant. See “Reset” on page 129.

**Restore from an iTunes backup:** Connect iPad to the computer you normally sync with, select iPad in the iTunes window, and click Restore in the Summary pane.

When the iPad software is restored, you can either set it up as a new iPad, or restore your music, videos, app data, and other content from a backup.

For more information about restoring iPad software, go to [support.apple.com/kb/HT1414](http://support.apple.com/kb/HT1414).

## Safety, service, and support information

The following table describes where to get more iPad-related safety, software, and service information.

| To learn about                                                                               | Do this                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Using iPad safely                                                                            | See the <i>iPad Important Product Information Guide</i> at <a href="http://support.apple.com/manuals/ipad">support.apple.com/manuals/ipad</a> for the latest safety and regulatory information.                                                                                 |
| iPad service and support, tips, forums, and Apple software downloads                         | Go to <a href="http://www.apple.com/support/ipad">www.apple.com/support/ipad</a> .                                                                                                                                                                                              |
| The latest information about iPad                                                            | Go to <a href="http://www.apple.com/ipad">www.apple.com/ipad</a> .                                                                                                                                                                                                              |
| Managing your Apple ID account                                                               | Go to <a href="http://appleid.apple.com">appleid.apple.com</a> .                                                                                                                                                                                                                |
| Using iCloud                                                                                 | Go to <a href="http://www.apple.com/support/icloud">www.apple.com/support/icloud</a> .                                                                                                                                                                                          |
| Using iTunes                                                                                 | Open iTunes and choose Help > iTunes Help. For an online iTunes tutorial (not available in all areas), go to <a href="http://www.apple.com/support/itunes">www.apple.com/support/itunes</a> .                                                                                   |
| Using iPhoto in OS X                                                                         | Open iPhoto and choose Help > iPhoto Help.                                                                                                                                                                                                                                      |
| Using Address Book in OS X                                                                   | Open Address Book and choose Help > Address Book Help.                                                                                                                                                                                                                          |
| Using iCal in OS X                                                                           | Open iCal and choose Help > iCal Help.                                                                                                                                                                                                                                          |
| Microsoft Outlook, Windows Address Book, Adobe Photoshop Album, and Adobe Photoshop Elements | See the documentation that came with those apps.                                                                                                                                                                                                                                |
| Obtaining warranty service                                                                   | First follow the advice in this guide. Then go to <a href="http://www.apple.com/support/ipad">www.apple.com/support/ipad</a> or see the <i>iPad Important Product Information Guide</i> at <a href="http://support.apple.com/manuals/ipad">support.apple.com/manuals/ipad</a> . |
| Battery replacement service                                                                  | Go to <a href="http://www.apple.com/batteries/replacements.html">www.apple.com/batteries/replacements.html</a> .                                                                                                                                                                |
| Using iPad in an enterprise environment                                                      | Go to <a href="http://www.apple.com/ipad/business">www.apple.com/ipad/business</a> .                                                                                                                                                                                            |

## Disposal and recycling information

Your iPad must be disposed of properly according to local laws and regulations. Because it contains a battery, iPad must be disposed of separately from household waste. When your iPad reaches its end of life, contact Apple or your local authorities to learn about recycling options. For information about Apple's recycling program, go to [www.apple.com/recycling](http://www.apple.com/recycling).

## Apple and the environment

At Apple, we recognize our responsibility to minimize the environmental impacts of our operations and products. For more information, go to [www.apple.com/environment](http://www.apple.com/environment).

## iPad operating temperature

If the interior temperature of iPad exceeds normal operating temperatures, you may experience the following as it attempts to regulate its temperature:

- iPad stops charging.
- The screen dims.
- A temperature warning screen appears.

**Important:** You can't use iPad while the temperature warning screen is displayed. If iPad can't regulate its internal temperature, it goes into deep sleep mode until it cools. Move iPad to a cooler location and wait a few minutes before trying to use iPad again.