

i>clicker® K-12 Quick Start Guide

Macintosh version 5.5

Setting Up i>clicker

- 1 Connect the i>clicker receiver to a USB port directly on your computer. The receiver's LCD screen lights up.

IMPORTANT: Do not connect the receiver through the keyboard or non-powered USB hub.

- 2 Go to www.iclicker.com and locate the K-12 specific software via the Downloads link. You can save this software to a flash drive or your hard drive.
- 3 Locate the **i>clicker K12 Mac** folder that you downloaded to your flash drive or hard drive and double-click to open the folder.

NOTE: We recommend you double-click the **WebUpdate** icon the first time you use i>clicker. WebUpdate will walk you through the steps to ensure you are using the latest version of i>clicker. The latest software can also be downloaded for free from www.iclicker.com.



Creating Your Classes in i>clicker

IMPORTANT: It is no longer necessary to make a separate copy of the **MyCourseMac** folder for each i>clicker class or section. A single copy of the new **i>clicker Mac** folder now gives you access to all your courses and sections.

- 1 Double-click the **i>clicker** icon to start the program.
- 2 The **Welcome** screen initially appears with no courses listed. Click the **Add Course** button.

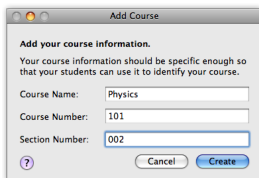


i>clicker Icon



Welcome screen
(without courses)

- 3 An **Add Course** window appears. Enter your **Course Name**, **Course Number**, and **Section Number**. This combined information will serve as the unique identifier for your course.



Add Course screen

NOTE: If you teach multiple periods of one subject, use the **Course Number** to denote the period. For example, **Course Name: PreAP Chem, Course Number: 1st period**. You can enter text or numbers in any of the three course fields.

- 4 Click the **Create** button. i>clicker automatically creates a new course folder in your **i>clicker K12 Mac:Classes** folder. The **Add Course** window closes and you are returned to the **Welcome** screen with your course name in the list of courses.
- 5 Repeat steps 2 – 4 to create as many courses or sections as you need.

Registering Your Students

You **MUST** register your students to a clicker **BEFORE** voting in class or the students' votes will not be read by the receiver. We have two options to register your students: **Roll Call** and **Manual Registration**.

By default, registered students are awarded one point for participation if they answer at least 75% of the questions in a session and an additional point for each correct answer. You can adjust these default values in the **Settings and Preferences** or you can change score settings after class using the **Set Scores** options in i>grader.

Creating Your Student Roster File

From the main i>clicker window, locate the **Classes** folder and choose the class you've created. Locate the **Roster.txt** file in your course folder (inside the **i>clicker K12 Mac:Classes** folder) using TextEdit or any other text editor application. List each student in your class, one student per line. Each record should be in the format "LastName, FirstName, StudentID." Commas should separate each word. For example:

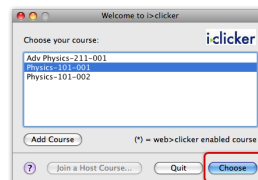
```
Akbar, Tammy, Tammy
Buckman, Isaac, Isaac
Elliott, Charles, Charlie E
```

TIP: The student ID can be anything unique to the student—and can be as simple as a first name. It should be easily recognizable to your students as you can display student IDs during polling so you/they can see votes as they are received. If you have two students with the same first name, you will need to differentiate the two student IDs (e.g., Will M. and Will W.)

Roll Call Registration (Option 1, Recommended)

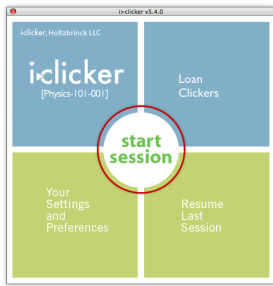
To use **Roll Call**, your computer screen needs to be projected so that all students can see it.

- 1 Double-click the **i>clicker** icon to start the program.
- 2 Select the desired course from the list of available courses and click the **Choose** button. If you do not see your course listed, see the previous section *Creating Your Classes in i>clicker*.




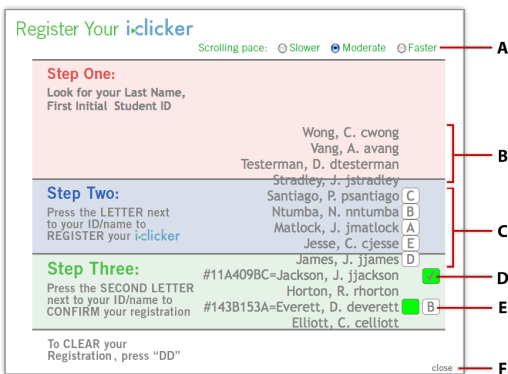
Welcome screen with
a course selected

- The **Main Menu** screen will appear. Click the **start session** link in the center of the screen.




Selecting **start session** from the **Main Menu** screen

- The **Main Menu** screen disappears and the **floating toolbar** appears in the top-left corner of your screen, indicating that i>clicker is active. You can reposition the toolbar anywhere on your desktop.
- Click the options button  on the floating toolbar and select **Loan/Register Clickers** from the menu.
- Click the **Roll Call** button in the displayed window. The Roll Call screen will appear with a scrolling list of names from the class roster file.
- When names scroll into the central blue area, letters appear in the first column of boxes. Instruct students to press the letter on their i>clicker that corresponds to the letter next to their name. Once they've entered the first letter, a new letter appears in the second column. They must also enter that letter to confirm the registration.



Roll Call registration screen


- A Scroll speed radio buttons
- B Students waiting for Step Two to begin registration
- C Students need to use their remote to enter the letter next to their name
- D Student successfully completed registration
- E Student needs to enter the second confirmation letter next to her name to finalize registration
- F Close button to exit from the Roll Call screen

 **TIP:** You can set additional Roll Call display options in the **Settings/Preferences**.

Manual Registration (Option 2)

- From the Loan/Register Clickers window, make sure that **For the Term (Permanent)** is selected from the **Register** drop down menu. (See steps 1-5 of the previous section *Roll Call Registration* for instructions on accessing the Loan/Register Clickers window.)
- Enter the i>clicker remote ID. The remote ID is the 8-character alphanumeric code printed below the barcode on the back of their remote.
- Select the student's ID from the drop-down menu labeled **Student**. The names in this list are taken from your Roster.txt file. Click **OK**. The student's ID will be associated with the corresponding i>clicker remote ID for the entire year or semester. Click **Set and Close**.
- Repeat steps 1-3 for each student in your class.




 **TIP:** Write a number on each clicker (with a permanent marker) and keep a record of that assignment for each class (e.g., Isaac should always use clicker #1 and Charlie should always use clicker #3). Once you've permanently linked the remotes to your students, instruct your students to always pick up their clicker number.


Polling Students

- Double-click the **i>clicker** icon to start the program.
- Select the desired course from the list of available courses and click the **Choose** button. If you do not see your course listed, see the previous section *Creating Your Classes in i>clicker*.
- The **Main Menu** screen will appear. Click the **start session** link in the center of the screen.
- The **Main Menu** screen disappears and the **floating toolbar** appears in the top-left corner of your screen, indicating that i>clicker is active. You can reposition the toolbar anywhere on your desktop.
- When you're ready to pose a question, advise your students to turn on their clickers, present the question and answer choices (either verbally or visually), and click **START** on the toolbar.



The **START** button toggles to become a **STOP** button and the toolbar expands to show a timer and vote counter when polling is active.

 **TIP:** If you use a program to display your question (e.g., Keynote), make sure it's the active application when you start polling. Each time polling begins, i>clicker captures a screenshot of the active window and stores it along with polling results for later review in i>grader.

 **IMPORTANT:** Keynote users need to set Keynote Slideshow Preferences to allow other programs to share the screen.

- 6 To stop polling, click the toolbar **STOP** button and i>clicker will no longer accept votes.



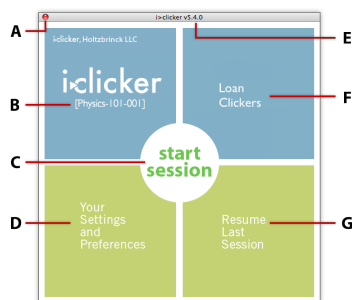
i>clicker toolbar (Stop)

NOTE: If students vote when polling is inactive, the **Vote Status** light on their remotes will flash red three times to indicate their votes were not received.

- 7 By default, a voting results grid will appear on your screen each time you begin polling. It will display which students (designated by student ID, such as Isaac) have voted and which students have not yet voted. To remove this display, launch i>clicker and open **Settings and Preferences**. Locate the **Polling Session Tab**. Under Response Grid choose **Do Not Show Response Grid** and **Set for Course**.
- 8 If desired, use the **DISPLAY** button on the toolbar to show a graph of the class responses. See the section *Viewing Student Responses* for more details.
- 9 Repeat steps 5 – 8 for each question you ask in class. When you are finished polling, close i>clicker.

TIP: Use a Teacher's Remote to control polling from anywhere in the room. (See *Designating a Teacher's Remote*.)

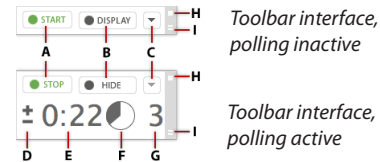
The i>clicker Main Menu Screen



Main Menu screen interface

- A** Close/exit program
- B** Active course/section name; initially the name of the course. You can change the text in the **Settings and Preferences**.
- C** **Start Session** link
- D** **Settings and Preferences** link
- E** Software version number
- F** **Loan Clickers** link
- G** **Resume Last Session** link

The i>clicker Floating Toolbar




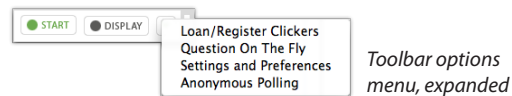
Toolbar interface, polling inactive

Toolbar interface, polling active

- A** **START/STOP** polling toggle button
- B** **DISPLAY/HIDE** toggle button for student response chart
- C** Options menu button; only enabled when polling is inactive
- D** Add (+) and Remove (-) time buttons; only visible when countdown timer is selected. The timer is adjusted by 20-second intervals.
- E** Count-down/count-up timer
- F** Time animation graphic
- G** Number of responses received
- H** Close/exit button
- I** Minimize toolbar button

The Toolbar Options Menu

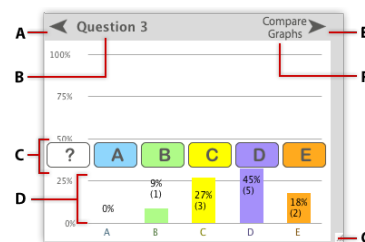
The Options menu button  gives you quick access to several useful functions.



Toolbar options menu, expanded

Refer to the i>clicker User Guide for details about these functions.

Viewing Student Responses



Student response graph with rollover buttons

- A** **Previous Graph Arrow** button; displays question data for previous question.
- B** Question number for currently displayed data
- C** Correct answer choice buttons; only visible when the mouse cursor is positioned over the graph. Designate a correct answer by clicking one of these buttons and the bar colors will change to highlight the right choice.
- D** Student response data. Bars represent percentage of total votes and the number of votes is shown in parentheses.
- E** **Next** link; displays question data for next question.
- F** **Compare Graphs** link. Clicking this link brings up a second graph to compare alongside the current data.
- G** Resize window handle

Your receiver's LCD also displays voting results and is updated every second when polling is active.



- A *Timer*
- B *Number of responses received*
- C *Percentage of total votes for responses A-E*

Designating a Teacher's Remote

You can assign one of your remotes to serve as the Teacher's Remote to control polling functions from anywhere in the room.

- 1 Navigate to the **Settings and Preferences** from either the Main Menu screen or the toolbar Options menu button.
- 2 From the **General** settings tab, enter your clicker's remote ID in the **Dedicated Instructor's Remote** field. The remote ID is the 8-character alphanumeric code printed on the back of the remote, below the barcode.

Remote ID



- 3 Click either the **Set for Session** or **Set for Term** button.

The buttons on the Teacher's Remote perform the following functions:

- A *Start/stop polling*
- B *Hide/display student response graph*
- C *Move slide forward (in presentation software)*
- D *Move slide backward (in presentation software)*
- E *Show/hide the right answer*

Using i>grader

i>grader gives you access to all student polling information collected by i>clicker. With it, you can:

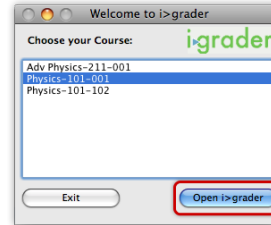
- View students' total and average points
- Edit student registration data
- Adjust scoring criteria
- Delete questions and sessions
- Build Student and Class Reports
- Synchronize students' web registration data
- Export your i>clicker scores for later import into your gradebook or grading systems

- 1 Launch i>grader by double-clicking the **i>grader** program icon. The i>grader Welcome screen opens with a list of your i>clicker courses.



i>grader Icon

- 2 Select the desired course and click the **Open i>grader** button.



i>grader Welcome screen

- 3 The i>grader Welcome screen is replaced by the Main screen, which lists class participants (i.e., students who have voted to date) and shows each student's points for every class session.

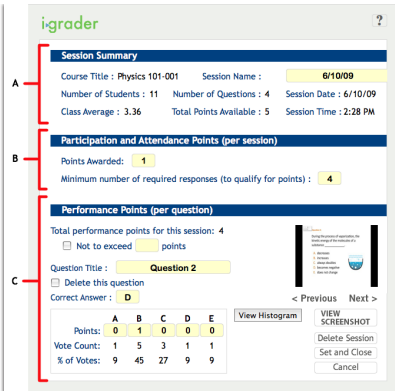
Name	Total	6/10/09	6/10/09-2	6/13/09
Horton, Richard Average : 2.00	6.00	4.00	1.00	1.00
Jackson, Jimmie Average : 2.33	7.00	3.00	1.00	3.00
James, John Average : 1.67	5.00	4.00	1.00	AB
Jesse, Cameron Average : 1.67	5.00	1.00	1.00	3.00
Matlock, Jennifer Average : 1.33	4.00	2.00	1.00	1.00
Ntumba, Ngozika Average : 2.67	8.00	4.00	1.00	3.00
Santiago, Patricia Average : 0.00	0.00	AB	AB	AB

i>grader Main screen

- A *Display and sort student records by either **Name** or **Student ID***
- B *Click this eyeglasses icon for advanced search options*
- C *The exported CSV file will conform to the format shown here.*
- D *Use the Search field to locate specific students in the course roster*
- E *Clicking a header opens the Set Scores screen for that session.*
- F *Click the **Help** button to view additional instructions*
- G *Quickly select/deselect sessions using this pull-down control as an alternative to the check boxes*

Setting Session Scores

i>clicker automatically assigns credit to registered students for participation and for correct answers according to your points settings in **Settings and Preferences**. From i>grader's Set Scores screen, you can adjust points given for individual questions or individual polling sessions. You can also view screenshots associated with each question and designate correct answers. Students' scores are automatically recalculated according to your choices. The Set Scores screen is organized into three sections:



Set Scores screen

- A Session Summary** displays general information about the session.
- B Participation and Attendance Points** lets you adjust the number of points awarded for participating in the voting activities and the minimum number of responses required to qualify for participation. These points are awarded by session, not by individual question.
- C Performance Points Per Question** are awarded by question and are assigned to each question individually. Many professors use performance points to reward “correct” answers. Use the **Previous** and **Next** buttons to cycle through the questions. Click **View Screenshot** to display the image of your screen when polling occurred. You can rename the question, delete unwanted questions, specify the correct answer for a question, and assign points to individual answers. You can also see the results of the poll.

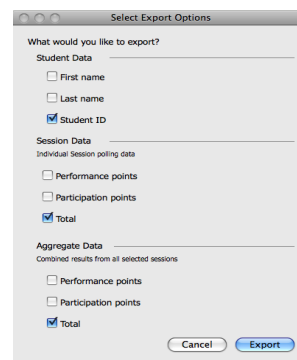
TIP: You can assign full or partial credit for multiple answers by manually adding point values in any of the boxes above the five answer choices.

Exporting i>clicker Session Data

You can export your students’ i>clicker points in CSV (comma separated value) files. The CSV format is a simple file type that can be read by nearly all text editors, spreadsheet, and database programs such as Microsoft Excel or Apple Numbers. You can choose to export the file in a simple **General** format that will work with numerous gradebook systems.

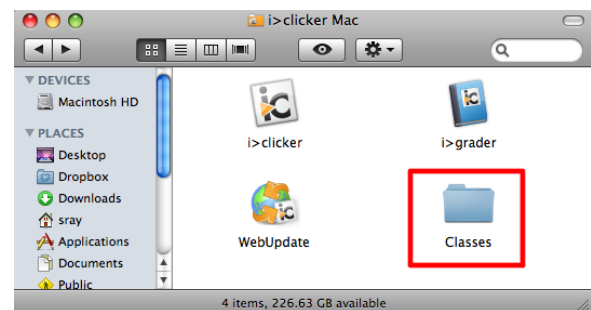
To export grade data in the General format:

- In the i>grader window, specify the sessions to include. Do one of the following:
 - To export data from one or some of the sessions, select the check box for each desired session then click **Export Selected Sessions as CSV (Excel) File**.
 - To export data from all sessions, click **Export Term Summary as CSV (Excel) File**.
- Select options for the information you want to include in the report. You can export student last names, first names, and/or student IDs in addition to session scores. You have the option of exporting the total scores as well as the performance and participation scores for individual sessions or all of the selected sessions.



Export Options

- Click the **Export** button to complete the process. A confirmation message will notify you that a new file called **UploadFile.csv** was saved into your course folder. Your course folder is located within the **i>clicker K12 Mac:Classes** folder.



Classes Folder Location

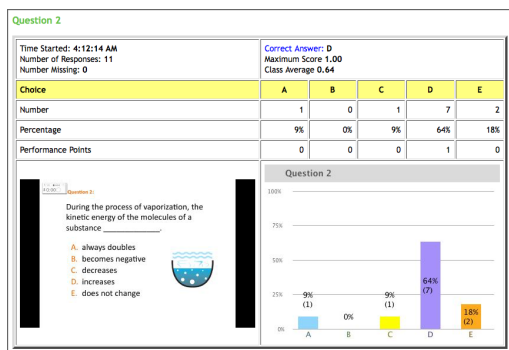
TIP: When a file is exported, it is saved as **UploadFile.csv** and will overwrite the previous export file. To keep multiple export files, rename the first file or move it out of your course folder before using the export option again.

Creating Student and Class Review Reports

i>grader creates two types of reports to help you analyze your class polling data:

- Term/Session Summary and Review
- Student Voting Data

Term/Session Summary and Review provides a breakdown of polling data, both for your term-to-date and for individual sessions. No individual student scores or votes are included in this report, making it ideal to share with your class as a post-lecture study guide. The linked Summary Review reports contain individual question statistics, screen captures (taken of the active window when the polling session was started), and the voting results graphs.



Sample question data from a Term/Session Summary report

Student Voting Data contains your individual students' polling data and statistics, by session and by question. This report also links to your students' **Cumulative Scores**, which provide you with a printable overview of your students' entire performance during the term.

Student Session Report : Physics 101-001

Date 6/10/09
Number of Students: 11
Number of Questions Asked: 4
Session Average: 3.36

Participation Points Available: 1
Performance Points Available: 4
Total Points Available: 5

AB = Absent (no votes collected)
AP = Anonymous Polling.
Session Average = Calculation based only on students who voted in this session.

Student vote selection (color coding applies only if you have specified a correct answer)
Bold Green = Correct Answer
Bold Red = Incorrect Answer
Black = Correct answer not designated

Student ID/Average	Average	Question 1	Question 2	Question 3	Question 4
Aaron Vang Total: 4.00	80%	B	C	D	A
Charles Elliott Total: 2.00	40%	E	A	D	D
Cameron Jesse Total: 1.00	20%	D	E	B	C
Daniel Everett Total: 4.00	80%	C	D	D	A
Isaac Buckman Total: 4.00	80%	C	D	D	A

Sample excerpt from a Student Session report

To generate the i>grader reports:

- 1 Click the **Run/Update HTML Reports** button. This action generates/updates the reports in your course folder within your **i>clicker K12 Mac:Classes** folder and opens a Report Summary window.
- 2 Select the report type by clicking on the appropriate hyperlink. A browser window will open with links to the individual reports in your course folder.
- 3 View and print your reports through your web browser. Quit from the browser when you are finished.
- 4 Click the **Close** button in the Report Summary window to return to the main i>grader screen.

Setting and Preferences

To customize i>clicker to meet your specific teaching goals, select **Your Settings and Preferences** from the i>clicker **Main Menu** screen. You may alter the default timer settings, graph display, voting results grid display, roll call roster display, point values, and many other features to best meet your individual needs. For more information on Settings and Preferences, consult the i>clicker help system or the complete User's Guide.

Contact i>clicker Support

Consult the comprehensive i>clicker User Guide or use the on-screen **Help** buttons for additional details on using the software.

Still have questions? Contact i>clicker support.

- Email: support@iclicker.com
- Toll-free Phone: 1.866.209.5698