



Classroom Response System

Installation & Set-Up Guide

Encourage Student
Participation and
Assess Performance
Instantly



Contact Information

United Kingdom

Technical questions or problems:
Phone: 0870 120 0718
Email: UK-Help@alphasmart.com

Latest support information:
Web: www.alphasmart.co.uk/support

For product information and how
to purchase products, visit:
www.alphasmart.co.uk

Europe, the Middle East, and Africa

Technical questions or problems:
Phone: +44 870 120 0718
Email: UK-help@alphasmart.com

Latest support information:
Web: www.alphasmart.co.uk/support

For product information and how
to purchase products outside the UK, visit:
www.alphasmart.co.uk
www.alphasmart.eu

Copyright Notice

Copyright © 2010 by Renaissance Learning, Inc. All Rights Reserved.

This publication is protected by US and international copyright laws. It is unlawful to duplicate or reproduce any copyrighted material without authorisation from the copyright holder. This document may be reproduced only by staff members in schools that have a licence for the 2Know! classroom response system. For more information, contact Renaissance Learning, Inc., at the address above.

2Know!, Accelerated Maths, AccelTest, NEO, NEO 2, Renaissance, Renaissance Learning, the Renaissance Learning logo, Renaissance Receiver and Renaissance Responder are trademarks of Renaissance Learning, Inc., and its subsidiaries, registered, common law or pending registration in the United States and in other countries.

Macintosh is a registered trademark of Apple Computer, Inc., registered in the US and other countries.

Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries.

CONTENTS

The 2Know! Classroom Response System	1
Renaissance Responder	1
Renaissance Receiver	1
Software Used with the 2Know! Classroom Response System	2
AccelTest Software	2
2Know! Toolbar	2
Accelerated Maths RP	2
Setting Up the Renaissance Receiver	3
Connecting the Renaissance Receiver to Your Computer	3
Naming the Receiver and Changing the PIN	3
Other Receiver Information	4
Default Administrator PIN	4
Monitoring Receiver Activity and Status	4
Responders	5
Firmware Versions and Responder Features	5
Other Responder Settings	6
Responder Key Tasks	7
About the Responder Calculator	8
Using the Calculator	8
Disabling the Calculator	8
Replacing Responder Batteries	9
Checking the Battery Charge	9
Installing New Batteries	9
Installing the 2Know! Toolbar	10
Installing on Windows Computers	10
Installing on Macintosh Computers	10
Getting Information about Using the Program	11

Frequently Asked Questions 11
 Questions about the 2Know! Classroom Response System 11
 Questions About AccelTest Software. 12
 Questions About the Renaissance Receivers and Responders 13

Limited Warranty 16

THE 2KNOW! CLASSROOM RESPONSE SYSTEM

The 2Know! classroom response system encourages student participation and gives teachers instant access to student work on quizzes, tests and formative assessments. The system includes a Receiver and Responders that use wireless radio frequency (RF) technology:

Renaissance Responder



NEO 2s can be used as you would use Responders. If you use NEO 2s, you have the option of answering short-answer questions as well as multiple-choice, true/false and numeric-response questions.

Students or other groups use the Responders to enter answers to questions sent from the AccelTest software, the 2Know! Toolbar or Accelerated Maths RP. If you are using AccelTest, students may also use Responders to complete homework or to see notes from the teacher.

Each Responder has two AA batteries installed. To save battery life, Responders shut down after 30 minutes of inactivity, but any answers entered before then are not lost. Students can usually continue assignments they did not finish.



Renaissance Receiver

The Receiver enables your Responders to communicate with software on your computer. The Receiver relays questions to Responder users and transfers responses from Responders to your software so that you can monitor student progress.



SOFTWARE USED WITH THE 2KNOW! CLASSROOM RESPONSE SYSTEM

The 2Know! classroom response system may be used with the AccelTest software, the 2Know! Toolbar or Accelerated Maths RP. If you have additional questions or need more information, you can email us at UK-help@alphasmart.com.

AccelTest Software



The 2Know! classroom response system works with one program at a time. If you are using the system with more than one program (such as AccelTest and Accelerated Maths RP), the Receiver and Responders will recognise the program that you started first.

Using AccelTest software, you can create your own quizzes, tests and assignments for any subject and mark student responses quickly. Students can complete some types of assignments using Responders; the scores are entered automatically in the AccelTest Record Book. Refer to the *AccelTest User Manual* that is installed with the software.

If you plan to use the system with AccelTest software, you can install it from the UK Software and Manuals CD included with the classroom response system. You can also download the software at www.renlearn.co.uk/login_crs.php. For installation instructions, refer to the *AccelTest Software Installation Guide*.

2Know! Toolbar

This simple program lets you get real-time responses from Responder users. You can ask multiple-choice, true/false, numeric-response, pulse or short-answer questions. This can help you immediately assess whether your Responder users understand the concepts you have been discussing.

If you plan to use the 2Know! Toolbar, you can install it from the UK Software and Manuals CD included with the classroom response system, or you can download it from our Website at www.alphasmart.co.uk. Then, see the installation instructions on page 10.

For more information about the program, click the **Options** button in the 2Know! Toolbar program and choose **Getting Started**.

Accelerated Maths RP

You can also use the Renaissance Receiver and Responders with the Renaissance Place version of Accelerated Maths. Students can complete assisted-response assignments from Accelerated Maths using Renaissance Responders.

You will need to install the Renaissance Responder client program available in Renaissance Place. For more information about installing this program and about how students can use Responders, refer to the *Accelerated Maths Software Manual*. To find this manual, click **Manuals** in the upper-right corner of any Accelerated Maths or Renaissance Place page.

SETTING UP THE RENAISSANCE RECEIVER

Connecting the Renaissance Receiver to Your Computer



Do not take the Receiver apart. The Receiver does not require batteries, and it has no controls inside. The Receiver gets the power it needs from your computer.

Connect the square end of the USB cable into the back of the Receiver **A**. Connect the flat end of the cable to your computer **B**.



Naming the Receiver and Changing the PIN

Set a unique name for each Renaissance Receiver you own so that your Responder users know they are connecting to the correct Receiver. This is especially important if your school has more than one Renaissance Receiver because Responder users will need to choose a Receiver from a list.

You can also change the Administrator Personal Identification Number (PIN), which is used as the password for the utility that you use to change the Receiver name and other settings. (The Administrator PIN is also required for changing settings on the Responder.) Follow these steps:

1. Open the Renaissance Wireless Server Utility:
 - **Windows computers:** Click **Start** ▶ **Programs** ▶ **Renaissance Wireless Server** ▶ **Renaissance Wireless Server Utility**.

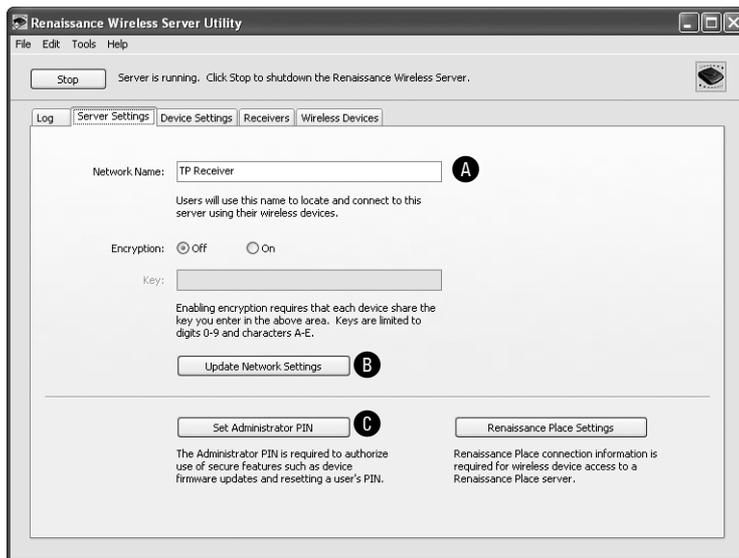


The Renaissance Wireless Server Utility is installed with the software mentioned in the previous section.

- **Macintosh computers:** In your computer's Applications folder, open the Renaissance Wireless Server folder. Then, double-click **Renaissance Wireless Server Utility**.
2. Type **1234** and click **OK** to log in. (This is the default Administrator PIN. If you have changed the PIN, enter your new PIN.) If necessary, click **Start**.
 3. Click the **Server Settings** tab.
 4. Enter a new name in the **Network Name** field **A**. Make sure the name is different from the name of your school's other Receivers.



Renaissance Place Settings button. You will also have a **Renaissance Place Settings** button if you have **NEO Manager** installed. This button is for setting the **Renaissance Place URL** if you are using the **NEO 2 Accelerated Reader SmartApplet**. For details, see the **NEO User Manual**.



5. Click **Update Network Settings** **B**.
6. Click **OK**. Tell your Responder users the new Receiver name.
7. If you want to change the Administrator PIN, click **Set Administrator PIN** **C**. Enter the new PIN (4–8 characters with letters and/or numbers), and enter it again in the second blank field to confirm it. Then, click **OK**.
8. Close the utility when you have finished. It will continue running in the background.

Other Receiver Information

Default Administrator PIN

The default administrator PIN is **1234**. This PIN is required when you use the Renaissance Wireless Server Utility program on your computer.

Monitoring Receiver Activity and Status

In the Renaissance Wireless Server Utility, the Log tab shows you Receiver activity, and the Receivers tab shows you the status of the Receiver connected to your computer. To start the utility, follow the instructions for your operating system:

- **Windows:** Click **Start** ▶ **Programs** ▶ **Renaissance Wireless Server** ▶ **Renaissance Wireless Server Utility**.
- **Macintosh:** Open the Applications folder, then the Renaissance Wireless Server folder. Double-click **Renaissance Wireless Server Utility**.

RESPONDERS

You do not need to do anything to set up the Responders. They are shipped with fresh alkaline batteries already inside. When you have connected your Receiver, the Responders can connect to it when you turn them on.

Firmware Versions and Responder Features

Your Responders come with version 3.x firmware installed. Firmware is the software that runs inside your Responders and Receiver. The firmware on your Renaissance Responders serves three purposes:

- It tells the Responders which features you want.
- It allows you to update Responders when necessary.
- If you are using a 1.xx version of the Responder firmware, you can switch between the even and odd versions of the firmware to switch between a small and large font.

Two sets of firmware versions are available:

Firmware Versions	What Is Included	What Is Not Included
3.xx (installed version)	<ul style="list-style-type: none"> • Ability to communicate with AccelTest, the 2Know! Toolbar or Accelerated Maths RP • Support for owned Responders, Homework and Notes (AccelTest) • Settings • Synchronising (AccelTest) • Ability to answer short answer questions in AccelTest or the 2Know! Toolbar 	<ul style="list-style-type: none"> • Calculator • Small or large font based on firmware selected
1.xx	<ul style="list-style-type: none"> • Ability to communicate with AccelTest, the 2Know! Toolbar or Accelerated Maths RP • Support for owned Responders, Homework and Notes (AccelTest) • Settings • Synchronising (AccelTest) • Calculator • Small or large font based on firmware selected 	<ul style="list-style-type: none"> • Ability to answer short-answer questions in AccelTest or the 2Know! Toolbar

To switch versions or update to a newer version, follow these steps on each Responder:

1. Press the **On/Off** button to start the Responder.
2. *If the Responder asks for the Student PIN (because it has an assigned owner),* press ?. Then, press **yes (True)** and then **Enter** to stay connected to the current Receiver (server). Enter the Administrator PIN (**1234** is the default) and press **Enter**. Then, press any key.
3. Press  to scroll down to **Settings** and press **Select**.

4. Press  to scroll down to **Firmware Update** and press **Select**.
5. If the Responder asks if you want to stay connected to the Receiver, press **yes** and then **Enter**.
6. The Responder will find and display the available updates. Scroll to the version you want.
If you are using a 1.xx firmware version, select the even-numbered version to choose the large font or the odd-numbered version to choose the small font.
7. Press **Select**.
8. Enter the Administrator PIN when the Responder asks you to do this (the default is **1234**), and press **Enter**.

The Responder will start updating the firmware. The program shows you its progress as it updates. When the update is complete, the Responder will show you the new version number. Press any key to go to the Responder menu or the student PIN entry screen.

Other Responder Settings

To change Responder settings, follow these steps:

1. Press **On/Off** to turn on the Responder.
2. Highlight **Settings** in the main menu and press **Select**.
3. Use the arrow buttons to highlight the setting you want to change. Press **Select**.
4. See the information for the setting you chose in the table below. Press **Select** after changing a setting.

Setting	Description
About	Shows you the firmware version and connected Receiver name. Use the arrows to scroll up and down.
Contrast	Lets you increase or decrease screen contrast using the arrow buttons.
Search for Networks	Searches for the Receivers in range and lets you select one to connect to.
Assign Owner, Reset Owner and Change PIN	Lets you assign a student owner, change the owner and change the owner's personal identification number (PIN). For more information, see page 7.
Security	Lets you enter the encryption key if it is required for communication with the Receiver. Contact Renaissance Learning for more information.
Firmware Update	Lets you choose another firmware version or update to a newer version. See page 5.

Responder Key Tasks

Turning On/Off

1. To turn on, press the **On/Off** button and hold it down until the Responder is on.
2. To turn the Responder off, press the **On/Off** button.

Joining a Session

AccelTest or the Toolbar must be open.

1. Highlight **Join Session** and press **Select**.
2. If the Renaissance Responder asks to stay connected to the chosen Renaissance Receiver, press **Yes** or **No** and **Select**. If you chose **No**, or if the Responder simply lists the Receivers, highlight the correct Renaissance Receiver and press **Select**.

Assigning Owners to Renaissance Responders

1. Open the AccelTest software and verify that students are enrolled in classes.
2. Turn on the Renaissance Responder and join the session.
3. Highlight **Settings** and press **Select**.
4. Highlight **Assign Owner** and press **Select**.
5. Enter the student's ID number (found next to the student's name in the AccelTest Record Book) and press **Enter**.

Changing a Student PIN for Owned Responders

1. Enter the student PIN (default is **1212**) and press **Enter**.
2. Highlight **Settings** and press **Select**.
3. Highlight **Change PIN** and press **Select**.
4. Enter a new PIN and press **Enter**.

Displaying a Forgotten PIN (Owned Responders)

1. Press **?** and join the session.
2. Enter the administrator PIN (default is **1234**) and press **Enter**.
3. After the Renaissance Responder states the device is unlocked and reveals the PIN, press any key.

Resetting the Owner of an Owned Responder

1. Highlight **Settings** and press **Select**.
2. Highlight **Reset Owner** and press **Select**.
3. Enter the administrator PIN (default is **1234**) and press **Enter**.

Synchronizing (to Transmit AccelTest Homework and Notes)

1. Enter the student PIN and press **Enter**.
2. Highlight **Synchronize** and press **Select**.
3. When prompted, press any key to return to the menu.

Viewing and Completing AccelTest Homework (for Owned Renaissance Responders)

1. Enter the student PIN and press **Enter**.
2. Highlight **Homework** and press **Select**.
3. Highlight the assignment and press **Select**.
4. Enter your responses; then, press **Yes** to verify that the homework is complete.

Viewing AccelTest Notes (for Owned Renaissance Responders)

1. Enter the student PIN and press **Enter**.
2. Highlight **Notes** and press **Select**.
3. Highlight a note and press **Select**.
4. Press **Menu** when you have finished reading the note.
5. Choose **Yes** or **No** and press **Select**.

About the Responder Calculator

If you select version 1.x firmware (see page 5), the Renaissance Responder includes a basic calculator that allows students to add, subtract, multiply, divide and calculate percentages. To start the calculator, students highlight it in the main menu and press **Select**. (The student must also be connected to a Receiver to use the calculator.)

Using the Calculator

Within the calculator, students use the letter keys to choose whether to add, subtract, multiply or divide, and they press **Enter** for =. For example, to add $1 + 2$, a student would press **1**, **A** (for +), **2** and **Enter**.

Disabling the Calculator

If you do not want students to have access to the calculator while they are working on assignments, quizzes or tests, you can turn it off for all Responders that are connected to your Receiver. Follow these steps:

1. Open the Renaissance Wireless Server Utility:
 - **Windows computers:** Click **Start** ▶ **Programs** ▶ **Renaissance Wireless Server** ▶ **Renaissance Wireless Server Utility**.
 - **Macintosh computers:** In your computer's Applications folder, open the Renaissance Wireless Server folder. Then, double-click **Renaissance Wireless Server Utility**.
2. Type **1234** and click **OK** to log in. (This is the default Administrator PIN. If you have changed the PIN, enter your new PIN.)
3. Click the **Device Settings** tab.
4. Remove the tick from the box next to the calculator.
5. Click **Update Device Settings**.
6. Click **OK** when the settings have been updated.

Replacing Responder Batteries

High-quality alkaline batteries should last for the entire school year. When the batteries need replacing, you will see an empty battery icon and the message *Batteries are Very Low* on the Responder screen. Follow the instructions below to check the battery charge and replace the batteries when it becomes necessary.

Checking the Battery Status

1. Press the **On/Off** button to turn the Responder on.
2. If you have assigned the Responder to a student in AccelTest, enter the student's Personal Identification Number (PIN).
3. Press ▼ to scroll down to **Settings**.
4. Press **Select**.
5. **About** appears at the top of the list; press **Select**. The battery status is shown by the darkness of the battery symbol. If the symbol is completely dark, the batteries are fully charged. If not, the symbol will be 2/3 dark, 1/3 dark or empty as the battery discharges.

Installing New Batteries

1. Using a small (#10) Phillips-head screwdriver, remove the small screw in the battery compartment cover **A**. Remove the cover.



2. Remove the old batteries. Install two new ones, making sure the + and – ends are oriented as marked in the compartment.
3. Put the cover back on the Responder. Insert and tighten the screw.



INSTALLING THE 2KNOW! TOOLBAR

You can download the 2Know! Toolbar at www.alphasmart.co.uk. After you download it, follow the instructions below to install it.

Installing on Windows Computers

1. Double-click the **2Know!_Toolbar_2.0_Win.msi** file that you downloaded.
2. In the installation Wizard that opens, click **Next >** on the Welcome panel.
3. Note the installation location and click **Next >** on the next panel.
4. Click **Install** on the next panel.
5. If you want to start the 2Know! Toolbar right away, tick the **Launch 2Know! Toolbar** box.
Click **Finish** to complete the installation.
6. A message may appear to tell you that you must restart your computer for the configuration changes to take effect. Click **Yes** if you want to restart the computer now or **No** to restart it later.
7. Connect the Renaissance Receiver to your computer and set the Receiver name as described on page 3.
8. Make sure that neither AccelTest nor the Renaissance Responder program are running. Then, start the 2Know! Toolbar by clicking **Start ▶ Programs ▶ 2Know! Toolbar ▶ 2Know! Toolbar**.
9. Read the license; then, tick the **I agree** box and click **OK** to start the program.

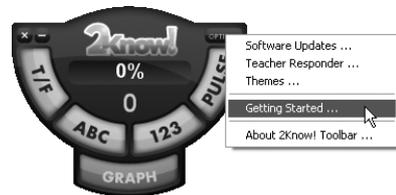
Installing on Macintosh Computers

1. Double-click the **2Know!_Toolbar_2.0_Mac.dmg** file that you downloaded.
2. Double-click **2Know! Toolbar Installer** in the window that opens.
3. Enter the administrator user name and password for the computer and click **OK**. (If you are not the administrator, you may or may not have rights that allow you to install the program.)

4. Click **Install** in the installation assistant. The program will be installed. (If the computer must be restarted after installation, the program will notify you; click **OK**.)
5. When the installation is finished, click **Restart** if the computer must be restarted. If not, click **Quit**.
6. Connect the Renaissance Receiver to your computer and set the Receiver name as described on page 3.
7. Open the Applications folder on the computer's hard drive. Then, open the 2Know! Toolbar folder. Double-click **2Know! Toolbar**.
8. Read the licence; then, tick the **I agree** box and click **OK** to start the program.

Getting Information about Using the Program

Once the 2Know! Toolbar program is open, click **Options** and choose **Getting Started**. This will open a document titled *Using the 2Know! Toolbar*, which explains how to use the program.



FREQUENTLY ASKED QUESTIONS

Below are answers to the most commonly asked questions concerning the 2Know! classroom response system. For more information, please contact us at UK-help@alphasmart.com.

Questions About the 2Know! Classroom Response System

Should I be concerned about the technical requirements and setup for 2Know!?

All that is required is the AccelTest or 2Know! Toolbar software (which comes with the 2Know! classroom response system) and a computer that meets the requirements listed at www.renlearn.co.uk/alphasmart_crs_specs.html.

Setup is easy. Even those with limited computer experience can set it up and have it running in as little as five minutes. For assistance, you can email us at UK-help@alphasmart.com.

Is the 2Know! classroom response system portable?

Yes, very portable. The complete system comes in a carrying case, designed to be transported from one classroom to the next.

Does the 2Know! classroom response system work with interactive whiteboards?

Yes. You can also display your PowerPoint presentations.

Do I need a projector or television to use 2Know!?

No. In the 2Know! classroom response system, questions and answer choices can be displayed right on the Renaissance Responders, eliminating the need for a projector or television or turning off lights in the classroom. However, the system does have the capability to be connected to either a projector or television monitor if you choose.

Will 2Know! work with a laptop?

Yes. You simply need a USB port for the Receiver. No AC adapter is needed.

Questions About AccelTest Software

Can AccelTest be installed on a network?

2Know! is meant to be installed and used in a classroom environment. AccelTest software is meant to be installed on individual computers, but the database may be stored on a network. Only one person may use AccelTest with a database at a time.

What is the default password for the AccelTest software?

The default password is **admin**.

Does the AccelTest software come with content?

Yes. AccelTest comes with many pre-loaded items covering Maths, Science, English, Geography, and History.

Can we use existing paper assignments in AccelTest?

Yes. Simply create a Score Key so that students can take the assignments using Responders and their responses can be instantly marked.

Can questions be imported from other (non-AccelTest) databases?

There are two ways to include additional content: copy and paste questions from any existing assignment or quiz, or import assignments from one AccelTest database to another.

Can I share assignments/quizzes with other teachers who have AccelTest?

Yes. AccelTest software is designed to leverage a group effort. Educators could divide up a textbook or content area, enter in their assignments and quizzes and then merge the files into one large database. Once assignments and quizzes have

been created, they can easily be saved and used over and over again or exported and sent to other users.

How many students/assignments/questions can I have in my AccelTest database?

You may have an unlimited amount of students, assignments and questions in your database.

Can I use my Accelerated Maths libraries in AccelTest?

Yes, you can use desktop Accelerated Maths libraries. For more information, refer to the *AccelTest User Manual*.

Questions About the Renaissance Receivers and Responders

Do Renaissance Responders come with batteries?

Yes. Each Renaissance Responder comes with two AA batteries, which may last more than a school year, even with heavy use.

Do the Renaissance Responders have an automatic shut-off feature?

Yes. Renaissance Responders will shut off after 30 minutes of inactivity.

Is student work saved when the Renaissance Responder is turned off?

Yes.

What is the default administrator PIN (Responders and the Renaissance Wireless Server Utility)?

The default administrator PIN is **1234**.

How do I change the administrator PIN?

See page 3.

What is the default student PIN for an owned Renaissance Responder?

The default student PIN is **1212**.

How do I assign owners to Renaissance Responders, reset owners or display or change a student PIN?

See page 7.

What do I do if a student forgets his or her PIN?

1. Press **?** and join the session.
2. Enter the administrator PIN (default is **1234**) and press **Enter**. The student's name and PIN will be displayed.

What are the differences between “owned” and “shared” Renaissance Responders?

Owned Renaissance Responders	Shared Renaissance Responders
Each one has one owner and cannot be shared.	Can be shared among students.
Homework and Notes features are enabled.	Homework and Notes features are disabled.
Students enter PINs (default is 1212) when they turn on Renaissance Responders.	Students enter ID numbers when they join a session. (AccelTest shows ID numbers next to student names in the Record Book.)

How do students use the Calculator, and how can a teacher disable it?

The Calculator is only available on Responders using 1.x firmware versions (see page 5). See page 8 to find out how students use the calculator and how to disable it.

When would a student use the “?” (the question mark button)?

The **?** button serves two purposes:

- If the student wants to scroll to previous questions in an AccelTest assignment, possibly to change an answer, the student would press **?** and scroll to the question.
- The **?** button is also used to unlock an owned Renaissance Responder if the student cannot remember his or her PIN. To unlock the Renaissance Responder, the teacher presses **?** and enters the administrator PIN to see the student's PIN on the screen.

How do I join an AccelTest session?

See page 7.

When students use their Renaissance Responders, they have multiple Renaissance Receivers to choose from, and they are all named “Renaissance Receiver”. Why is this happening?

This means that multiple Renaissance Receivers are within range of the Renaissance Responders, and the Receivers have not been given unique names. To change the name of a Receiver, see page 3. Enter a name that is unique. For example, if the teacher's name is John Smith, give the network the name “Smith's Receiver”.

How many Renaissance Responders or NEO 2 laptops can be used with one Receiver at the same time?

Up to 300 can be used with one Renaissance Receiver.

What is the range of a Renaissance Receiver (how far away from the Renaissance Receiver can a student with a Responder or NEO 2 sit)?

Up to 45 metres.

Will students have to point their Responders or NEO 2 laptops directly at the Renaissance Receiver in order to get their responses accepted?

No. The 2Know! classroom response system uses Radio Frequency (RF) technology, which is not blocked by line-of-sight obstructions. The answer is recorded as long as the device is within the range of the receiver (up to 45 metres).

What radio technology does 2Know! use?

2Know! operates in the public 2.4 GHz band, the frequency used by WiFi, Bluetooth and other wireless devices. The system uses standard IEEE 802.15.4 modulation and communication protocols to avoid interference with other devices operating in the same area.

Will the system hop to an open channel?

Renaissance Receivers and Responders include logic to select a clear channel from the 15 available channels when the Renaissance Receiver is started.

How does the Renaissance Receiver handle interference?

The system uses Direct Sequence Spread Spectrum (DSSS) in addition to Carrier Sense Multiple Access with Collision Avoidance (CSMA-CA) in order to communicate when other wireless devices are near.

Will the radio frequency (RF) technology of 2Know! interfere with my wireless network?

No. The system is designed to work in a “noisy” environment without interfering with other wireless technology.

What is a “firmware update” and how do I install one on a Renaissance Responder?

Firmware is the software inside your Renaissance Responders and Renaissance Receiver. For more information, see page 5.

How do I change the font size on a Renaissance Responder?

This is possible if you are using version 1.x firmware. See page 5.

How do I start the Renaissance Wireless Server Utility?

Windows: Click **Start** ▶ **Programs** ▶ **Renaissance Wireless Server** ▶ **Renaissance Wireless Server Utility**. Enter the administrator PIN (**1234** by default).

Macintosh: Open the Applications folder on your hard drive, then the **Renaissance Wireless Server** folder. Double-click **Renaissance Wireless Server Utility**. Enter the administrator PIN (**1234** by default).

LIMITED WARRANTY

Renaissance Learning, Inc. (RLI) warrants each Renaissance Responder™ and Renaissance Receiver™ sold by RLI to be free from defect in material and workmanship under normal use and service beginning with the date of delivery to the purchaser. This warranty is subject to the following conditions: The warranty period is classified as two (2) years and is limited to the replacement or repair during the warranty period and subject to conditions enumerated below, of such product returned intact which shall appear to RLI, upon inspection, to have been defective in material or workmanship. Replacement or repair will be accomplished at one of the Renaissance Distribution Centers. (Please contact Renaissance Learning UK Ltd/AlphaSmart or the RL dealer or Distributor you bought the product from to arrange refund.) Such replacement shall be made free of charge if a defect becomes apparent and RLI is notified within the warranty period. This warranty does not include any taxes which may be due in connection with replacement or repair, nor any installation, transportation or postage costs to return the unit to RLI. This warranty does not cover repair or replacement because of damage from unreasonable use (damage from road hazards, accident, fire or other casualty, misuse, negligence, incorrect wiring, lightning, etc.) and any use or installation not in conformance with instructions furnished by RLI or repairs or replacement needed because of modifications not authorized or supplied by RLI. This warranty is expressly in lieu of any other warranties, express or implied, including any warranty of merchantability or fitness for particular purpose. Remedies under this warranty are expressly limited to the provision of products as specified above and any claims for loss arising out of the failure of products to perform for any period of time, or special, indirect or consequential damages or other economic loss are expressly excluded.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by Renaissance Learning could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The Renaissance Responder and Renaissance Receiver have been tested to and comply with the following standards:

FCC Rules and Regulations/CFR 47

Receivers and all other Unintentional Radiators

Part 15, subpart B 15.107a & 15.109a

FCC Rules and Regulations/Intentional Radiators

Operational in the 912–928 MHz, 2400–2483.5 MHz, 5725–5875 MHz

And 24.0–24.25 GHz Bands

Part 15, Subpart C, Section 15.249

Low Power License-Exempt Communications Devices

(All Frequency Bands)

Radio Standards Specification

RSS-210, Issue 5

November 2001

Industry Canada “Radio Standards Specification”

RSS-210, Issue 5, November 2001

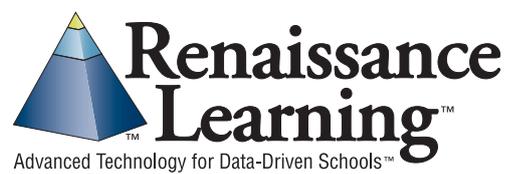
Low Power License-Exempt Radio Communication Devices

(All Frequency Bands) Receivers

R&TTE Directive 1999/5/EC (Transmitter and Receiver)

EN 300 400-2 (emissions and immunity)

EN 301 489-1-17 (emissions and immunity)



For more information, visit our Website at:
www.alphasmart.co.uk