

Pebble



Classroom for the Future

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Classroom for the Future

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INDIA PRIVATE LIMITED
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ClassComm

Using the **Pebble** pad learning response system with **ClassComm** software

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Quick Start Guide



Quick set up guide for **Pebble** pad learning response systems using **ClassComm** software

Minimum system requirements:

- Processor: Pentium III 450 MHz processor (1 gigahertz (GHz) Pentium processor recommended)
- Memory: 256 MB (512 MB or above recommended)
- Display: 800 x 600, 256 colours (Recommended: 1024 x 768 high colour, 32-bit)
- CDROM Drive: 4x or faster
- HDD: 300MB free hard drive space for basic installation – 500 MB hard drive space required for curriculum sample content
- Microsoft.Net Framework 2.0 (included in installer)
- Microsoft® PowerPoint 2003 or above
- Adobe Flash player version 9 (included in installer)
- Operating System: Windows XP, Windows Vista and Windows 7 Compatible

What's in the case



Pebble pad Learning Response System



Student handsets
These are used by students to send responses



Teacher handset
Used by the teacher to control the presentation



USB cable



Receiver



Software CD with Quick Set Up Guide



Batteries

Prepare the handsets

Pebble pads use AA batteries (see image 2).



1. Pebble pad battery cover being removed



2. Batteries being inserted



3. Battery cover being screwed on

ClassComm software installation

Please ensure that the receiver is disconnected before you insert the ClassComm Installation CD.

- If the CD does not auto-run, you will need to manually run "ClassComm.exe" by exploring the CD contents (Fig 1)

| Name | Type | Size |
|---------------|---------------|----------|
| fscommand | File folder | |
| images | File folder | |
| ClassComm.exe | Application | 3,621 KB |
| Setup.html | HTML Document | 12 KB |

Fig. 1 – ClassComm CD Contents

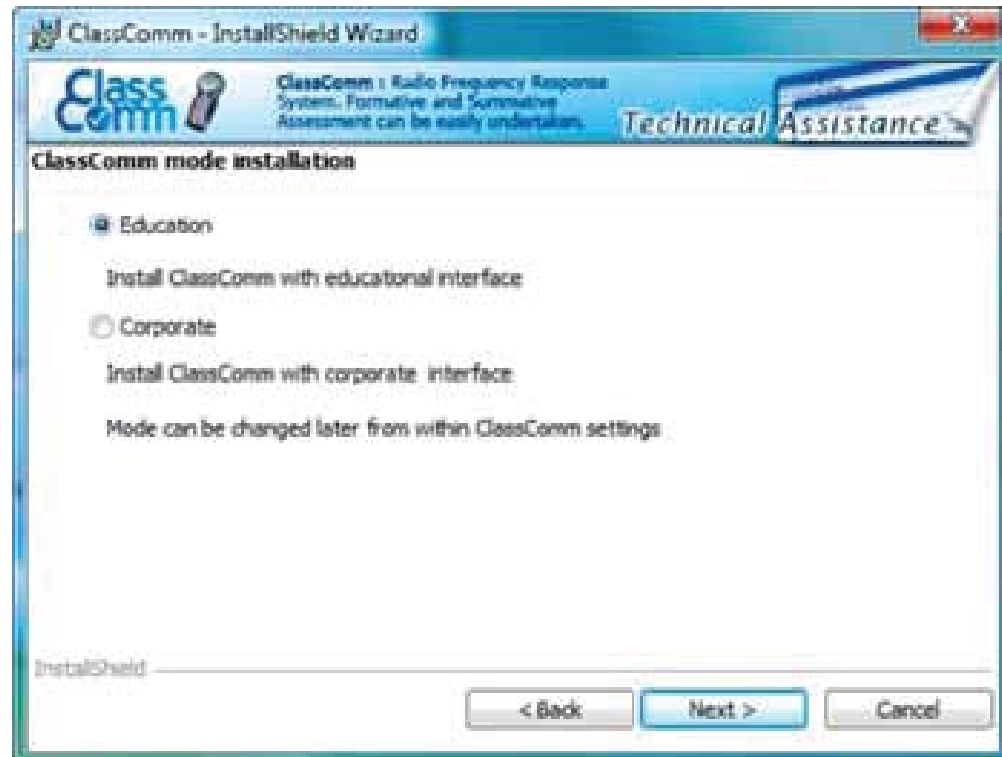
The ClassComm Installation Menu Screen will open as shown below.



ClassComm
Installation
Menu Screen

- Select ClassComm Installation from the options.
- Follow the onscreen wizard instructions to install the software.
- During installation the following screen will appear (over the page).

ClassComm software installation (continued)



ClassComm can be installed in EDUCATIONAL mode or CORPORATE mode. The core difference between the two modes of installation is the terminology used throughout the application.

Educational mode uses STUDENT, TEACHER, CLASS and TEST. Corporate mode uses PARTICIPANT, PRESENTER, GROUP and EVENT. The mode selected from this screen can be changed later from within the ClassComm software.

Also, ClassComm has an Interface Editor that can be used to further customise the ClassComm software with your organisations preferred terminology – See ClassComm **Help > Advanced Functionalities > Interface Editor** for details. For the purpose of this Quick Setup Guide, educational mode terminology will be used.

The main ClassComm software installation is now complete.



Note – Do not launch the software at this stage. Follow through this guide to completion.

Sample content installation (continued)

- There is some optional sample content that can be installed for use with the ClassComm system. This step will add complete, mapped educational content for use with the ClassComm system.
- From the ClassComm Installation Menu Screen, select the **Sample Content** button.
- Follow the on-screen wizard instructions to install the required sample content.
- When the main ClassComm software is launched, the sample content will be installed into the Resources area.

Install the Powerpoint plug-in (slide mapper)



Note – You will need Microsoft® Powerpoint® 2003 or above installed on your PC before you install the plug-in

- The PowerPoint Plug-in or Slide Mapper is a utility that is added directly into your Microsoft® PowerPoint® application. It allows for the mapping of your presentations within PowerPoint. The mapping process assigns question data to your slides (Example: True/False, Multiple Choice, Numeric and so on)
- From ClassComm Installation Menu Screen, select the **PowerPoint Plug-in** button.
- Follow the on screen instructions to install the Power Point Plug-in (Slide Mapper) module.
- The Slide Mapper will appear as shown below within Microsoft PowerPoint®

Slide Mapper

Slide Information

Slide Type: Information

No. of Choices: []

Response Type: []

Answer: []

Answer Color (For Text Answer Only): Green

Question: []

Text Answers

[Add] [View] [Reset]

Answer Slide

[Show] [Hide] [Reset]

[View Answer Slide]

Chart Object

[Add]

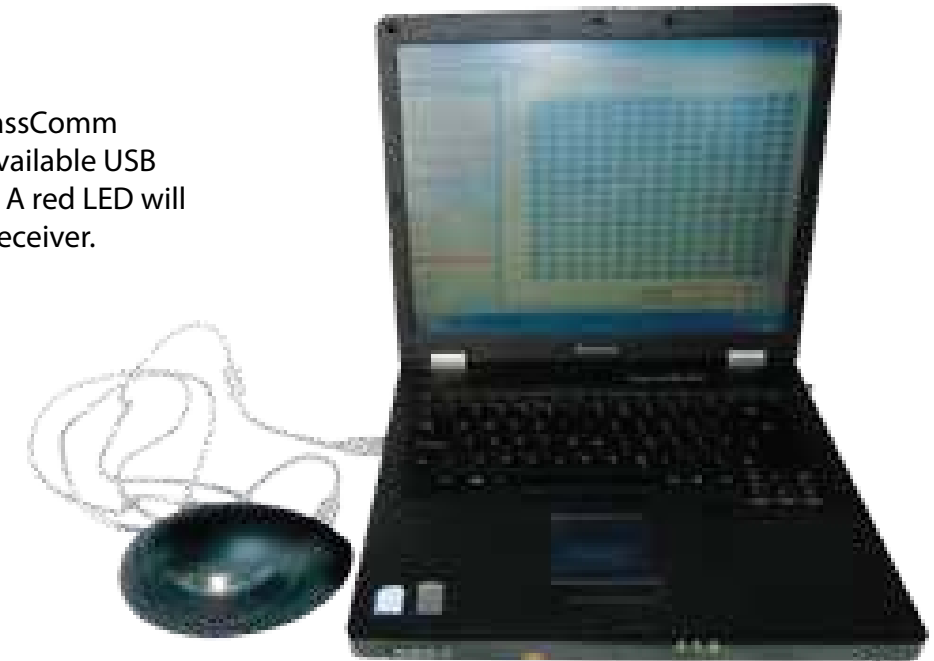
Display Language

English

**Slide Mapper
within PowerPoint**

Connect the receiver and test handset communication within ClassComm

Connect the ClassComm receiver to an available USB port on the PC. A red LED will light up in the receiver.



- At this stage, the PC will automatically detect the receiver and configure the drivers accordingly.
NOTE – The receiver drivers are installed during the ClassComm software installation described in STEP 3 – CLASSCOMM SOFTWARE INSTALLATION of this guide. It is important to install ClassComm software before attaching the receiver.
- Launch the ClassComm software by clicking the icon from the desktop or from **Start > All Programs > ClassComm**.
- A message in the bottom-left area of the ClassComm Software will appear stating that the receiver has connected successfully.



5g receiver connected.

Connect the receiver and test handset communication within ClassComm (continued)

- Click on the **Communication** tab within ClassComm. This will display the communication grid as shown. If pressing any keys on the Pebble Pad handsets show a red LED, then that handset is not MAPPED to the receiver and will not communicate.



A non-mapped handset will show a red light when any key is pressed.

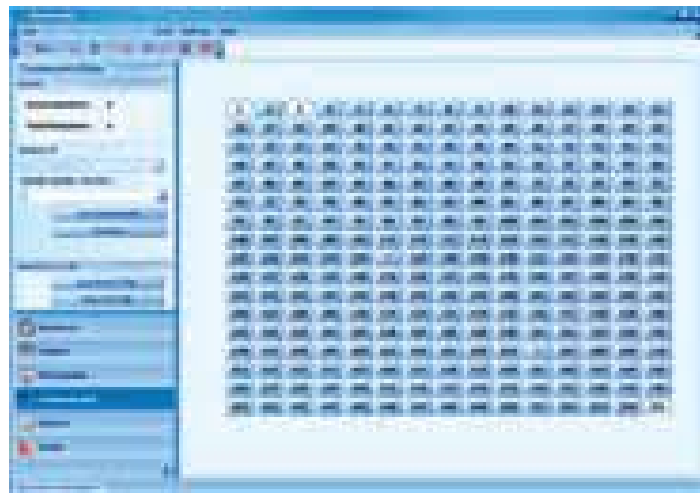


Press and hold the -/? key within 5-10cm of the connected receiver.



The communication LED will blink GREEN 3 times when mapping is complete.

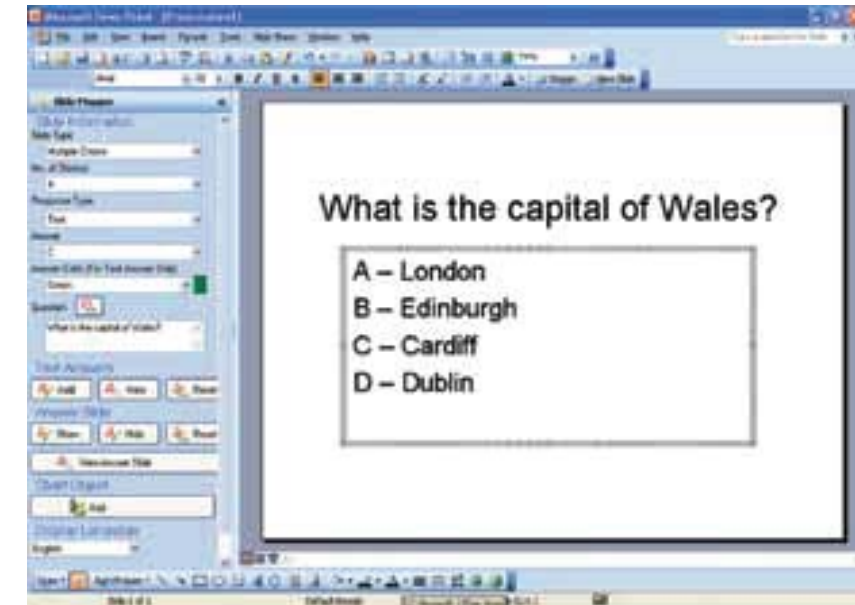
Press any keys on the handsets and a cell will light up in the Communication grid.



The software is now installed and the hardware is configured correctly and has been tested in the communication area of ClassComm.

Creating a presentation

- Open a blank PowerPoint Presentation and add a question with 4 choices as shown in the example below



- Select the following options from the Slide Mapper to match the information on the slide
 - Slide Type: Multiple Choice
 - Response Type: Text
 - Answer : Select the correct answer choice
 - Answer Colour: Green
 - Question: Cut and paste the question text from the slide here
 - Text Answers: From the slide, highlight the correct answer and click the Add button.
- Say "Yes" to the confirmation message that appears.

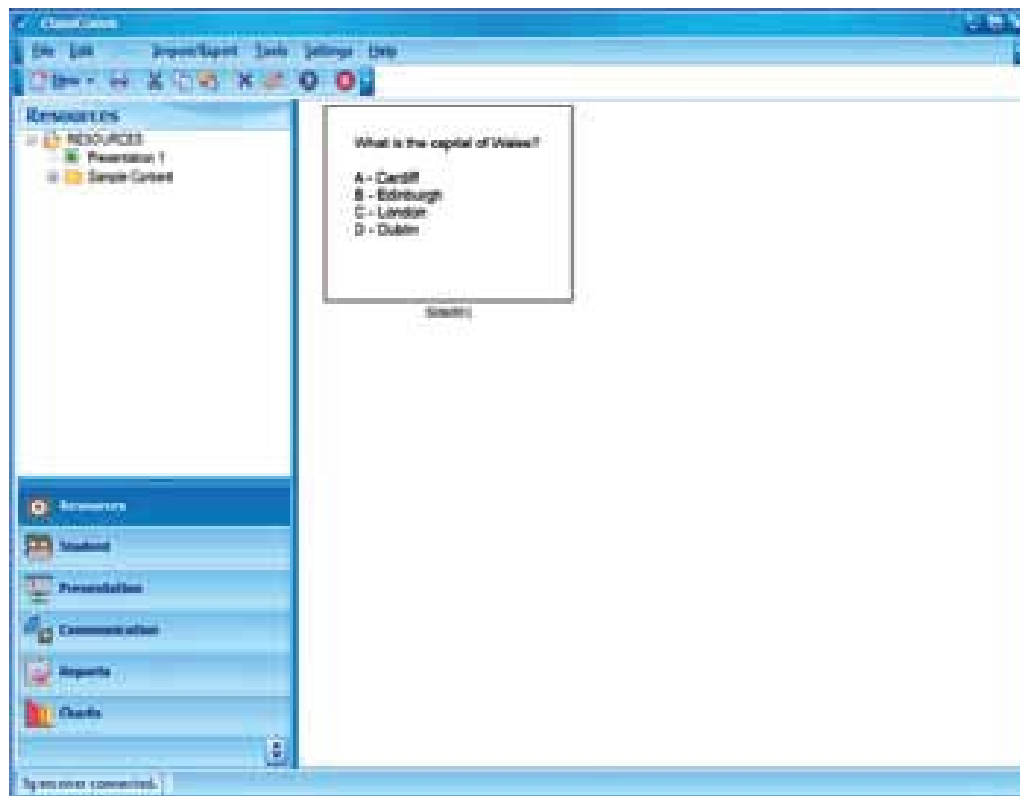
That's it! The basic slide functionality has been set as multiple choice with 4 text label choices (A-D) and the correct answer to be highlighted in green when the teacher reveals the answer during a presentation. Repeat the above steps as necessary and save the presentation.



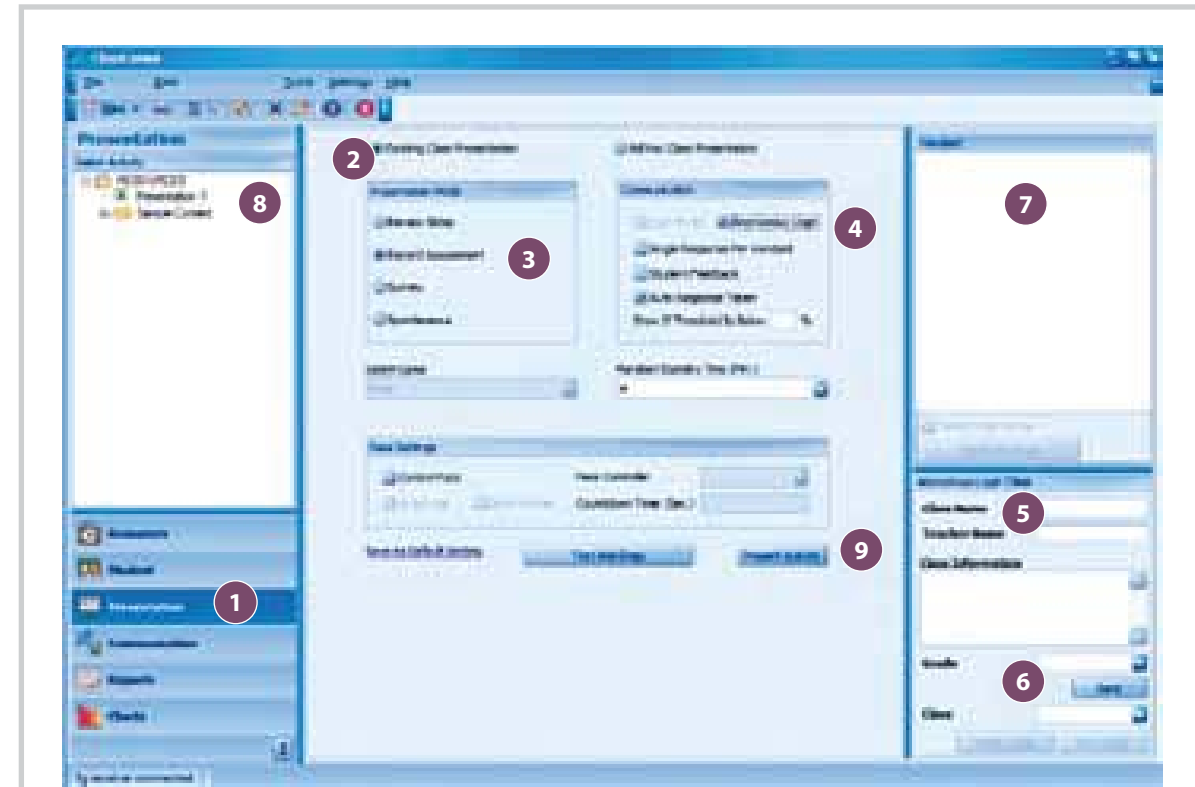
For more information on the different question types and Slide Mapper, consult the **ClassComm User Guide** (See section on Adding and mapping a PowerPoint Presentation)

Add the presentation into ClassComm resources

- From within the ClassComm RESOURCES area, go to **File > New > New Activity > New PowerPoint Activity**.
- From the New Activity window, click the **Browse** button to navigate to the presentation created in STEP 7 and click **OK**.
- The presentation will now appear in the RESOURCES tree structure with thumbnail views of all the question slides



Run the presentation



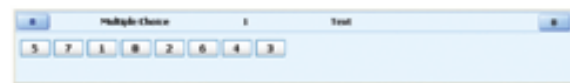
1. Enter the **PRESENTATION** area of ClassComm
2. Check the **Existing Class Presentation** option
3. Check the **Record Assessment** option
4. Check the **Anonymous login** option
5. Enter a **Class Name** (other details are optional)
6. Press the **Save** button
7. Ask students to switch **ON** the handsets. The Handset area will show a count of Active Handsets.
8. Click once on the resource to present with
9. Click on **Present Activity**.

At this point, ClassComm will minimise and the PowerPoint activity will open ready for responses. Use the Teacher handset or Presentation Toolbar to control the presentation. The Response bar shows the Question type, number and number of responses. Navigate through the presentation and when completed, the slide show will automatically end and the results saved.

Run the presentation (continued)

What is the capital of Wales?

- A – Cardiff
- B - Edinburgh
- C – London
- D - Dublin



- Start** Start recording of handset responses
- Stop** Stop recording of handset responses
- del** End presentation
- ?** Show/hide answer
- alt** Show results charts
- F1** Hide/show presentation toolbar
- F2** Hide/show response bar
- F3** Go to slide in review mode
- F4** Toggle instant charts



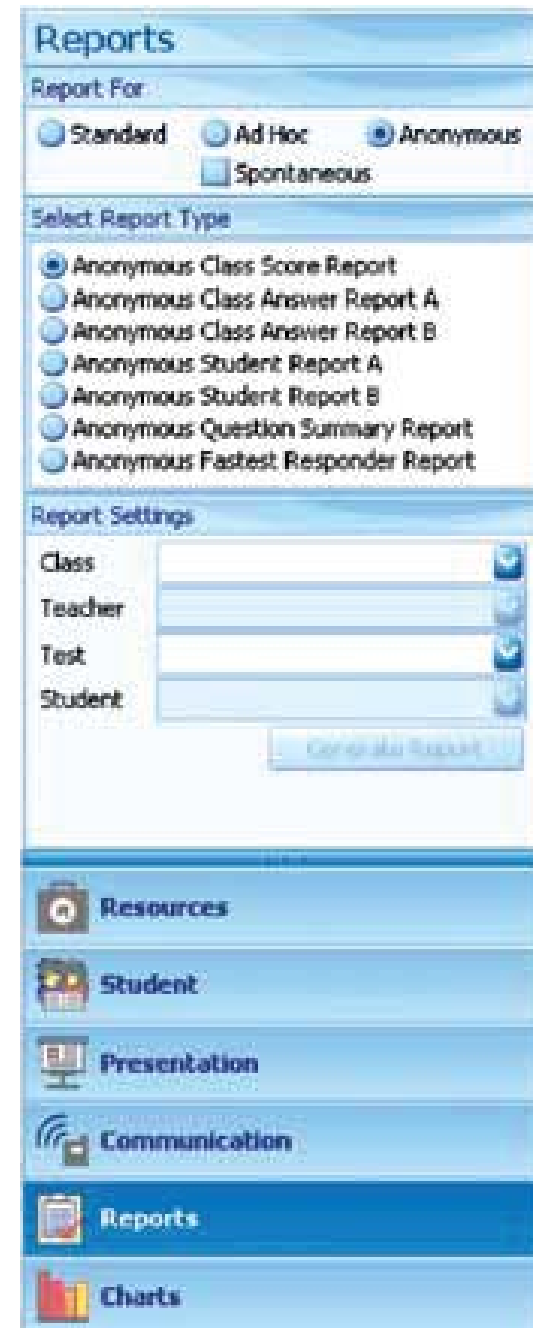
- clear** Replay question
- ↑** Increase response bar opacity
- ↓** Decrease response bar opacity
- OK** Reset opacity
- ←** Previous question
- Next question
- play** Play game
- pick** Pick student
- ↻** No attached functionality



For more information on running a presentation, consult the **ClassComm User Guide** (See section on Running a Presentation)

Reports

Once a presentation has been fully completed and stopped, the ClassComm system allows you to view reports and charts for assessment purposes.



1. Click on the **REPORTS** button
2. Select the type of presentation that you wish to view reports for (In this case it is "Anonymous")
3. Select the **Report Type** from the available options
4. Enter the **Report Settings** from the drop-down options that match the class and presentation that you presented and saved.
5. Click the **Generate Report** button (enables when report settings have been correctly entered) to display the selected report in the right-pane.

1

Response system set-up example 1: Conference settings

‘We have three professional conferences coming up with 40 delegates at each. I have a set of Genee Pads and a short series of pre-prepared, mainly multiple-choice, questions from which I want to gather data to analyse feedback. What is the best way to set up?’



1. Check that ClassComm is in ‘Corporate’ mode by going to **Settings > Application mode** (you will have to restart ClassComm to activate this setting).

2. After you have chosen your resource slides, go to the **Presentation** window

3. Select **Record Assessment** to keep results and publish data

4. Select **Anonymous Login** to gather overall responses without identifying individual handsets

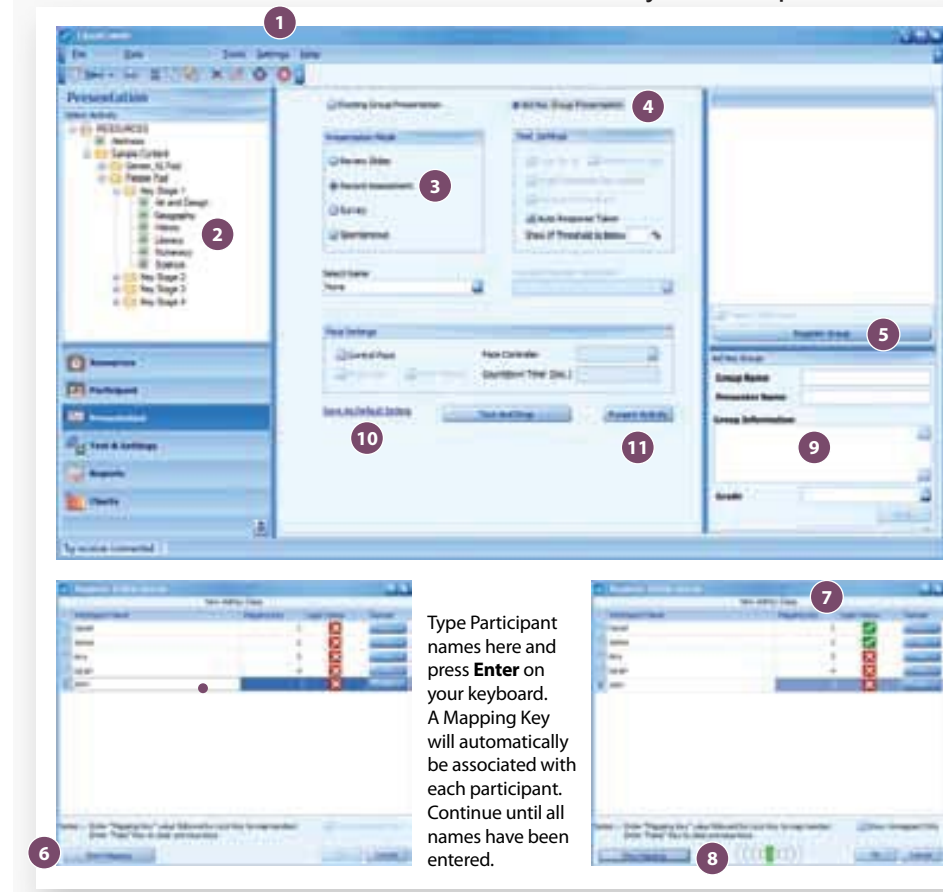
5. Enter a **Group Name** and click on **Save**

6. Save these as your **Default Setting** ready for the repeat conferences

7. Click on **Present Activity** to start the presentation

Response system set-up example 2: Company group training programme

‘We are carrying out Health & Safety training with groups of our employees. It is important that we have records of individual attainment so that we know who will be competent in particular work situations. What is the best way to set up?’



Type Participant names here and press **Enter** on your keyboard. A Mapping Key will automatically be associated with each participant. Continue until all names have been entered.

1. Check that ClassComm is in **Corporate mode** by going to **Settings > Application mode** (you will have to restart ClassComm to activate this setting).

2. Enter to the **Presentation** window and select the resource that you will be presenting.

3. Select **Record Assessment** to keep results and publish data.

4. Select **Ad Hoc Presentation**.

5. Click the Register Group button to build the group participant list.

6. Type in the Participant names and click **Start Mapping** from the **Register AdHoc Group** window.

7. Participants must now press the **Mapping Key** next to their name followed by the key symbol button. The Login status column will change from a cross to a tick when a participant has successfully mapped their handset to their name.

8. After all participants have successfully mapped their handset to their name, click **Stop Mapping** followed by **OK**.

9. Enter a **Group Name** and click on **Save**. (If this group stays the same, you can recall it for further assessments to be added to the participants’ data).

10. Save these as your ‘**Default Setting**’ ready for repeat sessions.

11. Click on ‘**Present Activity**’ to start the presentation.

FAQ

1. How do I reset the handsets?

Use a sharp, pointed object to press the small button located on the back of the handset. Use this when handset will not map correctly, freezes or with charging problems.

2. How do I map handsets to different receivers?

Each receiver has a unique ID. All handsets are locked into communicating with the receiver when you receive a new set. If you want to lock or map a handset to work with a different/new receiver you must press and hold down the “-/?” key until the communication LED blinks green 3 times. If it blinks red, please repeat the process until the green light blinks 3 times. Please note that when mapping handsets, the distance between handset and receiver should only be a few inches.

3. What technology does the response system use and what is the range?

The system uses RF with operating frequency bands 2405 MHz to 2485 MHz (2.4 GHz). The maximum transmission range is 40m for Pebble Pads.

4. How many handsets can be used per receiver?

Currently 253 per receiver.

5. How do I transfer a mapped presentation between computers without re-mapping?

When you map a PowerPoint Presentation and save it, an associated XML file will also be created and saved to the same location as the original PowerPoint file. The XML file contains all the mapping data. When transferring mapped presentations, both the PowerPoint file and the XML must be transferred together to retain mapping data.

A quick way to transfer mapped, PowerPoint activities is to use ClassComm’s built in Import/Export Feature. Within the resources area of ClassComm, select the presentation/s or yellow folder you wish to export and go to Import/Export from the top menu bar. Select the presentation to export from the new window that opens and choose the location to save the exported file to. The file will export in a zipped file format. This zipped file can then be imported into ClassComm on other computers.

FAQ

6. Can I install and run ClassComm from a Server across a network?

Currently, ClassComm is a desktop application designed to be installed and run from a Teacher/presenter PC. It cannot be run centrally from a server. An MSI version of ClassComm is available for easy deployment across a network. Please contact technical@geneeworld.com for further details.

7. The handsets are not talking to the receiver. What do I do?

- Ensure that the receiver is connected via USB cable to an available USB port and has a red LED showing.
- Open the ClassComm software and ensure that it states “5g receiver connected” in the bottom-left of the application
- Ensure that the handsets have the batteries inserted the correct way –
- Pressing any key should show a green communication LED. If it is red then re-map to the receiver by pressing and holding the -/? Key until it blinks green.
- Reset the handset from the reset switch on the back and re-map to the receiver.

Please contact sales.india@geneeworld.com if the problem persists.

Support

Free technical helpline

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