

Returnstar Feedback Genius Edu System User Manual



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Chapter 1 System Introduction

1.1 Brief Introduction

Returnstar Feedback Genius Edu System is also named Telecontrol Electronic Voting System. It is a new-fashioned interactive demonstration and voting system developed by Returnstar Electronic Information Co., Ltd with its patented technology. It is a revolutionary system which combines the function of class teaching, conference demonstration, poll voting, games entertainment, teaching evaluation, and outcome statistic together, and realizes interactive teaching or demonstration in classes and assembly rooms equipped with a computer. The powerful advantages:

1. Low cost: A computer with a projector or only is enough, and then equipped with Returnstar Feedback Genius, the classroom or assembly room will be changed into an interactive multimedia classroom or assembly room.

2. Excellent interactive effect: Returnstar Feedback Genius changes the traditional “force-feed” teaching method, and breaks the traditional unilateral indoctrinating state completely. It will mobilize the enthusiasm of each one attending the activity and activate the atmosphere so as to carry out wonderful interaction.

3. Save Heart and Energy: The system is easy for installation and daily operation, and noninterference to other system beside the room. The master could work on the system or PowerPoint to prepare lecture, edit test paper etc or use courseware designed on the basis of PowerPoint platform (Such as TestGen_MAC etc) directly. The system will mark the test paper and analyze the answers, and then evaluate the effect of the activity, by which the master could adjust the content or process planned accordingly and do not waste time on marking.

Hence, the simple and wieldy system will soon replace the traditional methods as one of the major instruments for the modern remote or field teaching and training, conference etc. It can be applied into various teaching and demonstration situation of different industries such as classroom, auditorium in school training centre, company boardroom, TV studio etc.

1.2 Functions

The system functions include: Normal Quiz, Rush Quiz, Elimination, Vote Query, Voting investigation, Grade, AD-lib Quiz, Hand-raise (preemptive speaking), Roll Call, and Group Activity. The paperless modes will activate the atmosphere of class greatly and mobilize the enthusiasm of the participants.

The system also provides a powerful report statistics and query functions, it will automatically, fully, and accurately form different sorts of report as the teacher’s need:

It also offers the master excellent function for generating and browsing report forms. It will automatically generate the forms for the master after input the necessary information including: Class grade list, Class answer detail, Student score ledger, Student answer detail, Quiz answer detail, Question accuracy queue, Class roll book, Student roll book. Besides, the system will automatically generate Answer sheet and Ranking table for each activity which could help the master better understand the situation. Besides, the system will also generate result lists instantly for Vote Query and Grade.

The software is embed-designed and based on Microsoft PowerPoint. It has strong functions in test paper editing, courseware making, auto-play, and freely input & output of multimedia signals.

1.3 Application Example

1.3.1 Teaching Application

1. Before the lesson

Making multimedia courseware

Teachers are all familiar with the feature of courseware with PowerPoint. A vivid interactive courseware can be done easily without extra training.

Returnstar Feedback Genius supports all type of multimedia files including text, picture, video, voice, flash film etc which enable the teacher to utilize all available multimedia materials for teaching. Teacher can compose teaching materials by himself or download resources from internet freely for teaching use. The multimedia information and instant feedback will improve students' enthusiasm and the interaction of class greatly.

With the test paper editor, the teacher could preset the answer and mark for each subject easily other than waste much time to edit the courseware.

There are different templates for selection in the test paper editor such as select one correct answer from two options, three options, four options... etc.

2. During the teaching process

Interactive Lecture

With PowerPoint, the teacher could hold any activity such as interactive ask and answer, test, voting and preemptive answer and so on to grasp the students attention and activate their interest.

The teacher could leave his dais and join into the students so as to enhance the interaction and control the teaching process by the master remote controller.

Interactive Answer

According to scientific research, the attention and memory can be improved by 3 to 5 times if the audience attending the lecture actively. Returnstar Feedback Genius provides such a way for mobilize the students attending the lessons actively.

With the remote controller, even those timid or inarticulate students can express their opinions easily by press their remote controllers lightly. There will be no more oblivious corner in the classroom.

It turns away the traditional limitation that only a few students can interact with the teacher.

Lesson Evaluation

All the instant feedback of each question will be recorded into a diagram. Therefore, the state of each person will be clear at a glance which will be used to evaluate the students more impersonal, and then the teaching will have the definite object in view.

Answering questions by the remote controller, the students will react against the material they are learning instantly according to their understanding. Therefore, it helps the teacher better understand the state of the students and adjust the teaching process accordingly.

Not only the teacher but also other students could remark on one's answer of a question, it enhances the students' feeling of concern and realizes favorable interaction.

It allows students discussing a topic in groups, which will cultivate their concept of comity and collectivity.

Examination

The teacher workout the test paper including subject of multi-option by the functional module for exam. Then the students select the answer in the test paper by remote controller. Returnstar Feedback Genius will collect, judge and publicize the answers automatically.

The system will mark the test paper automatically and generate a mark list of common format. The students will get the result immediately.

Teaching Effect Evaluation

Returnstar Feedback Genius is also a poll voting system. When the voting begins, the only thing the participants have to do is to press relevant button on the remote controller at their willingness. Then the computer will count out the voting result instantly. It simplifies the work of voting greatly.

3. After the Lesson

Clear Evaluation

Returnstar Feedback Genius will record all the materials during the teaching process. It offers the teacher comprehensive, precise and impersonal data about the students' learning experience to lighten the teacher's work burden.

The teacher could browse the learning record according to the name of the individual, the class, the activity and so on. And he can also print out the forms for parents to understand their children's learning state.

The various report forms offer the teacher impersonal information for evaluating the state of the students felicitously, and leave them more time to dedicate into the teaching and research.

The stored feedback information could be analyzed by the teacher so as to establish the orientation of the coming work.

It offers students help for review the questions during the lesson.

The underachieved and absent student could copy the courseware and bring home for self-study.

Comparing with traditional teaching process, these above features have several advantages: 1) interactive lesson can be hold in larger scale, and more students can take part in. 2) the teacher can fully understand the students' learning status.

1.3.2 Polling Application

Returnstar Feedback Genius Edu System is also a set of Polling System. When voting or polling, the participants only need to press the button on their remote controllers. The computer will statistic the voting result automatically. It is precise and convenient for use.

Chapter 2 Hardware Installation

Returnstar Feedback Genius Edu System consists of Master Remote Controller, Slave Controllers, Signal Receiver and relative software. It is based on the platform of PowerPoint for instant interaction. The master could operate on PowerPoint for eleven work modes such teaching and conference topic explanation, interactive ask and answer, class testing, and poll voting etc by pressing the buttons on the master controller. The signal receiver will receive (or stop receiving) the feedback signals emitted from the slave controllers automatically and the result can be displayed in different statistic diagram instantly.

The system provides two hardware standard configurations. You can select the appropriate installation methods depending on your situation.

Standard configuration 1:

1 main receiver; 1 slave receiver (optional); 1 transformer; 1 installation CD; 1 cable for connecting computer (15m); 1 cable (7m); 1 master remote controller; slave remote controller (optional for the amount); 1 set of fixing screw; 1 Phillips screwdriver; 1 adaptor.

Standard configuration 2:

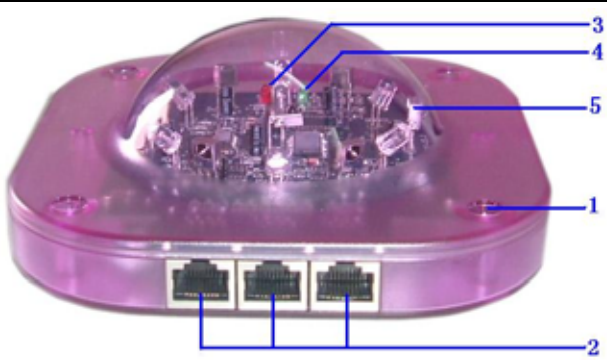
1 signal receiver; 1 data cable (including one adaptor and 1 network cable up to 15m); 1 installation CD; 1 master remote controller; slave remote controller (optional for the amount); 1 set of fixing screw; 1 Phillips screwdriver.

2. Receiver specification and installation

Note: please select the corresponding installation referring to the product model you purchased.

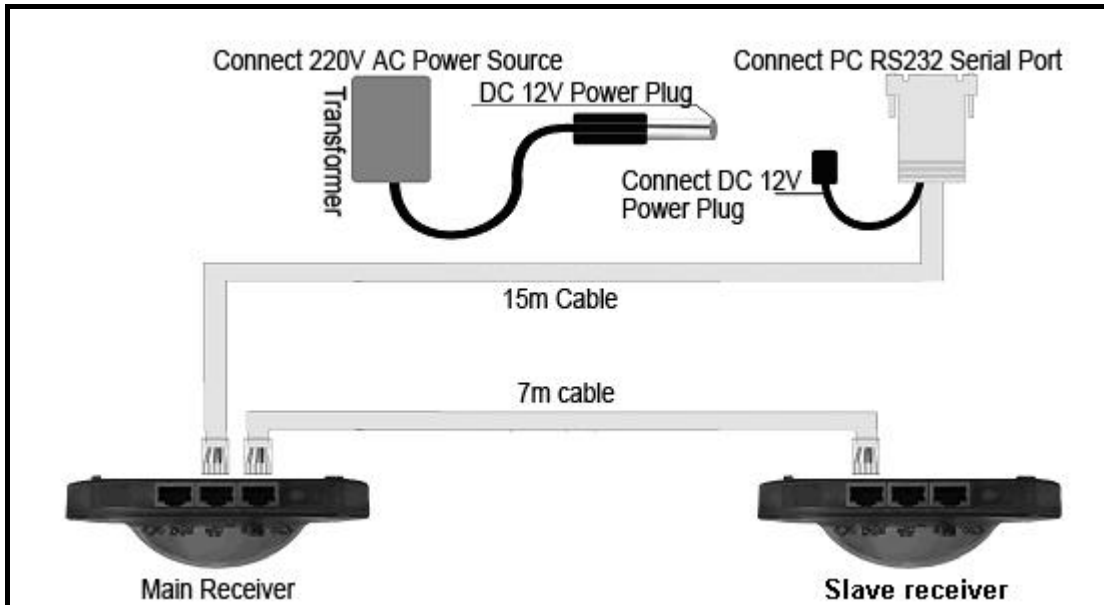
Method 1: (For the receiver installation referred in “Standard configuration 1”).

Receiver specification and installation	
Function	Receiving infrared signal which emitted from remoter controller and then transform into computer signal and transmit to computer.
Dimension (mm)	137×137×50 Hemisphere
Weight	180g
Working temperature	0-40 °C
Working relative humidity	0-90%
Power	DC12V
Power Consumption	5W
Effective receiving angle	45 degrees for left or right side, all directions permitted within one meter.



1. Fixing hole : Fix the receiver to ceiling with screw.
2. Connect port : The I/O port of receiver. Connect the main receiver with slave receiver by the 7-meter cable and then connect to the computer by the 15-meter cable.
3. Power indicator light(red) : Indicate Power On/Off
4. Status indicator light (green): the light will flicker when the receiver is activated or there are infrared signals input.
5. Shield : Only signals penetrating the shield can be receipted.

Note: keep clean and euphotic, never paste or cover anything onto the shield, and scrub surface with wet cloth.



Installation:

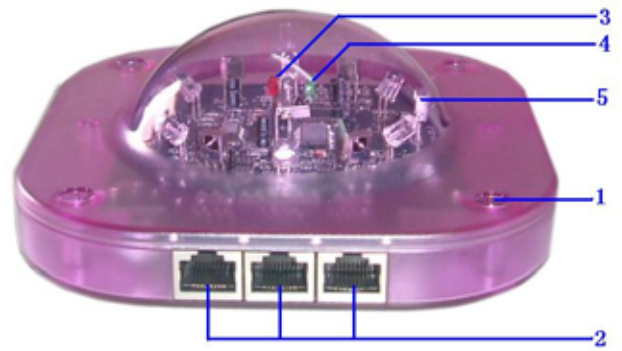
1. Install receiver: through fixing hole install receiver to fixable place, such as ceiling, the height between floor and receiver should be less than 3 meters (if the ceiling is too high, please install it with a bracket); there should be no irradiation of sunshine or strong lighting, and no barrier block between the receiver and the remote controller; the fixable place of two receivers had better to be in line (main receiver in front center of classroom or meeting room, upward the platform, the secondary in the back of the room.

2. Connect the mainframe connection cable to computer RS232 port (any port of COM1-COM4 is OK), insert the transformer into 220V socket (socket with switch is recommended), connect the receiver and transformer with the cable (please refer to the figure above, insure that the connection ports are functional.)

Note: The system is designed for indoor usage, so all equipments can only be installed indoor to avoid direct sunshine irradiation, thunder attack and outer interference. When system is running, the main and slave receivers should not be under direct irradiation of sunshine or strong lighting, or other infrared signal interference.

Method 2: (For the receiver installation referred in “Standard configuration 2”).

Receiver specification and installation	
Function	Receiving infrared signal which emitted from remoter controller and then transform into computer signal and transmit to computer.
Dimension(mm)	137×137×50 Hemisphere
Weight	180g
Working temperature	0-40 °C
Working relative humidity	0-90%
Power	Power is obtained from the computer directly through the USB cable
Power Consumption	5W
Effective receiving angle	45 degrees for left or right side, all directions permitted within one meter.



1. Fixing hole : Fix the receiver to ceiling with screw.
2. Connect port : The I/O port of receiver.
3. Power indicator light(red) : Indicate Power On/Off
4. Status indicator light (green): the light will flicker when the receiver is activated or there are infrared signals input.
5. Shield : Only signals penetrating the shield can be received.

Note: keep clean and euphotic, never paste or cover anything onto the shield, and scrub surface with wet cloth.



Installation:

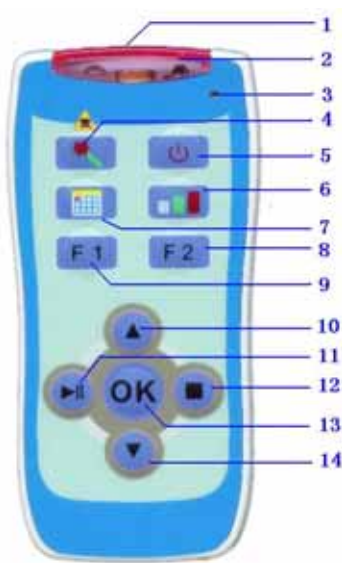
1. Install receiver: through fixing hole install receiver to fixable place, such as ceiling, the height between floor and receiver should be less than 3 meters (if the ceiling is too high, please install it with a bracket); there should be no irradiation of sunshine or strong lighting, and no barrier block between the receiver and the remote controller; the fixable place of two receivers had better to be in line (main receiver in front center of classroom or meeting room, upward the platform, the secondary in the back of the room.
2. Connect one end of the network cable to the RJ45 port of the adaptor, while the other one to the adaptor. Connect the USB port of the adaptor to the computer USB port to finish this connection. (Please refer to the figure above, insure that the each port is well connected.)

Note: The system is designed for indoor usage, so all equipments can only be installed indoor to avoid direct sunshine irradiation, thunder attack and outer interference. When system is running, the main and slave receivers should not be under direct irradiation of sunshine or strong lighting, or other infrared signal interference.

Note: due to the different power consumption of the two signal receivers, please do not exchange them during usage, or the hardware will be damaged.

2.3 Master remote controller specification and usage:

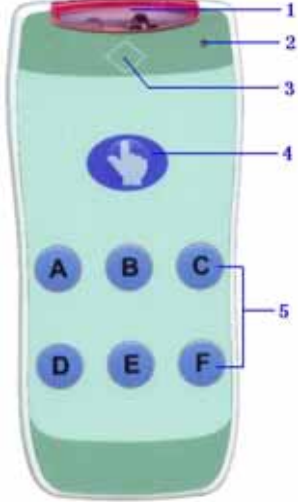
Master remote controller specification and usage	
Function	<p>The controller of Returnstar Feedback Genius Edu System, used by teacher (or emcee) for controlling the teaching (meeting demo) process; interactive interlocution; class testing (voting); showing feedback (voting statistics) and report forms.</p>
Dimension(mm)	40×100×15 flat rectangle
Weight	60g (include batteries)
Working temperature	0-40 °C
Relative working humidity	0-90%
Power	two AAA size common batteries or alkaline batteries
Effective radiating angle	above 30 °C



1. Laser emitter: Emitting laser signal. Attention: the laser beam can not be focused straightly to eyes.
2. Infrared emitter: Emitting infrared signal. Please aim the emitter at receiver when emitting. **Note: Keep the shield transparent to guarantee the radiating effect.**
3. Indicator: Will be turned on by pressing any key (except the “radiating” key), and will extinguish after 0.5 to 2 seconds; **Note: Before the indicator extinguished, please aim the infrared emitter at the receiver.**
4. Radiating: Sending laser beam as electronic fescue.
5. Start: Start projector, begin action, end projector, exit action.
6. Result: Show the answering result and the proportion of options.
7. Statistic: Show the mark and statistical range.
8. F2: Auxiliary function key.
9. F1: Auxiliary function key.
10. Previous: When answering, show previous; when show the report forms, turn upwards.
11. Start: Start answering, and starts timing simultaneously.

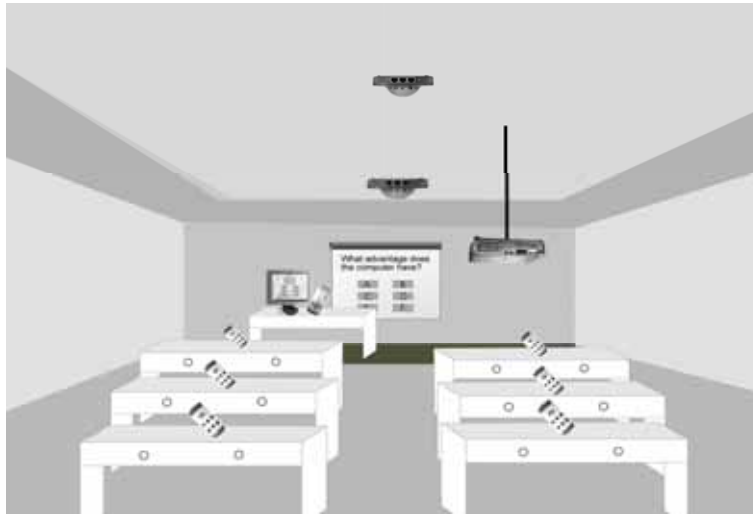
Longest distance	above 15 meters, with 0°C angle	<p>12. Pause: Stop answer, and stop timing simultaneously.</p> <p>13. OK: Confirm the function.</p> <p>14. Page down: Show next question when answering, show next page when displaying the report forms</p>
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2.4. Slave remote controller specification and usage:

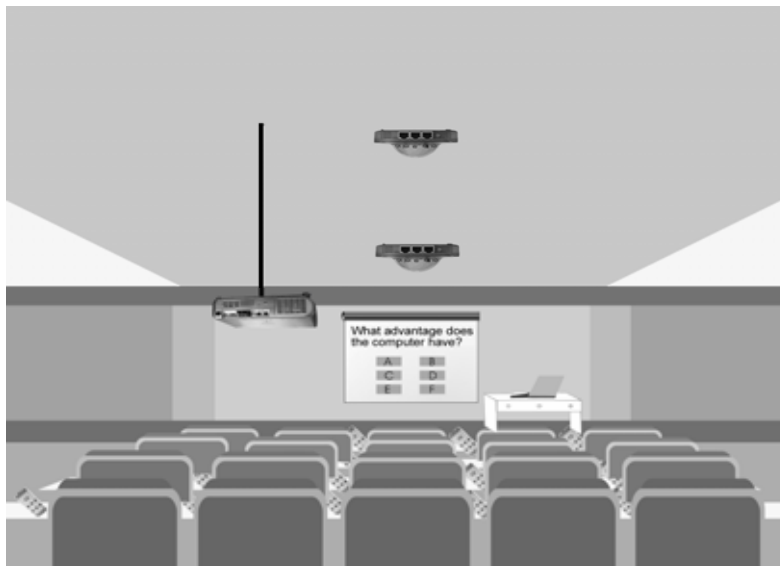
Slave remote controller specification and usage:		 <p>1. Infrared emitter: Emitting infrared signal. Please aim the emitter at receiver when emitting: Note: Keep the shield transparent to guarantee the radiating effect.</p> <p>2. Indicator: Will be turned on by pressing any key (except the “radiating” key), and will extinguish after 0.5 to 2 seconds; Note: Before the indicator extinguished, please aim the infrared emitter at the receiver.</p> <p>3. Number label sticking place: Label indicating the controller number is placed here; For details, please view the user manual [System Setup]--[Remote Controller Address Setup].</p> <p>4. Hand-raise or Rush-to-answer: Obtaining the answering right at hand-raise and rush-to-answer. (Anyone who press the key first get the right to answer).</p> <p>5. Option key: For selecting option (A, B, C, D, E, and F).</p>
Function	Used by student (or audience) for sending real-time message in interactive interlocution and class testing (voting).	
Dimension(mm)	40×100×15 flat rectangle	
Weight	55g (include batteries)	
Working temperature	0-40 °C	
Relative Working humidity	0-90%	
Power	two AAA size common batteries or alkaline batteries	
Effective radiating angle	above 30 °C	
Longest distance	above 15 meters, with 0°C angle	

2.5 The effect drawing of various using conditions.

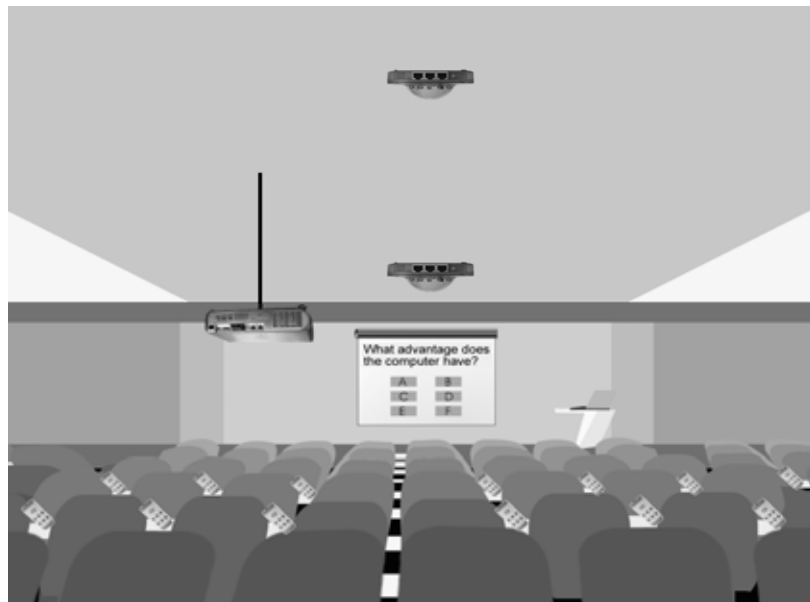
1. Common Classroom



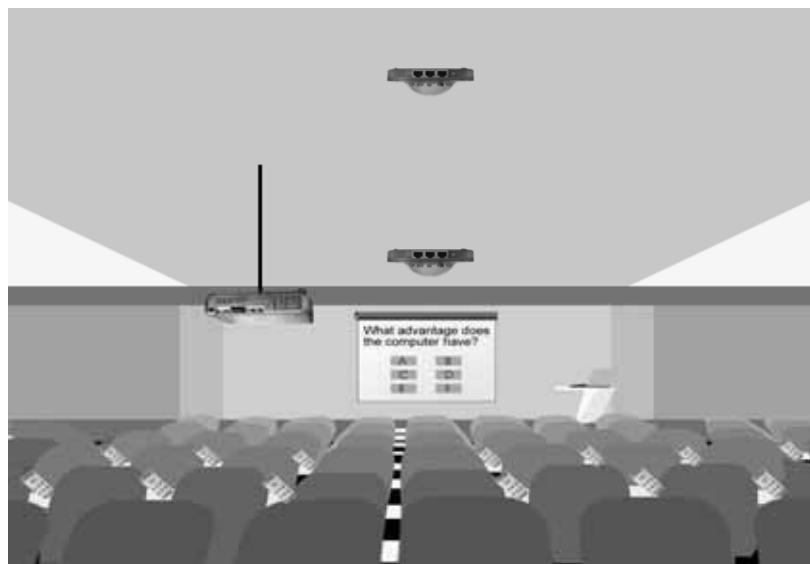
2. Amphitheatre



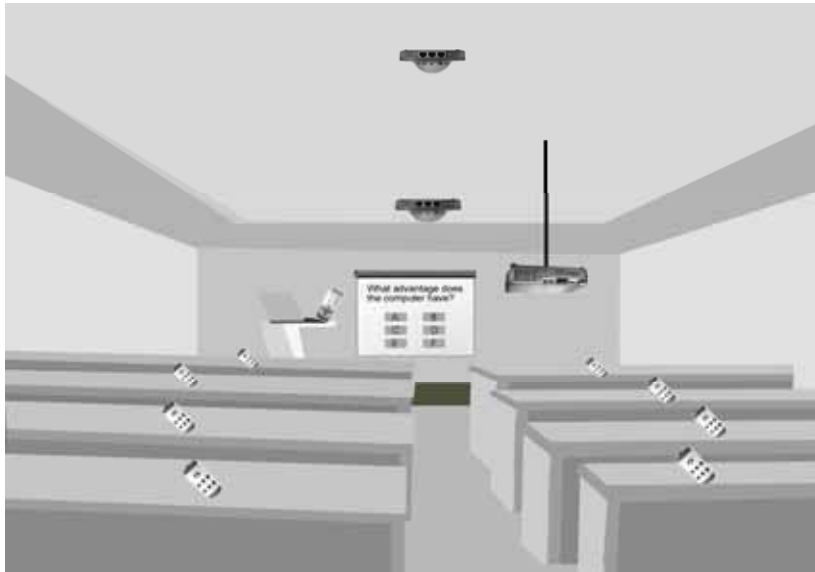
3. Auditoria Speech



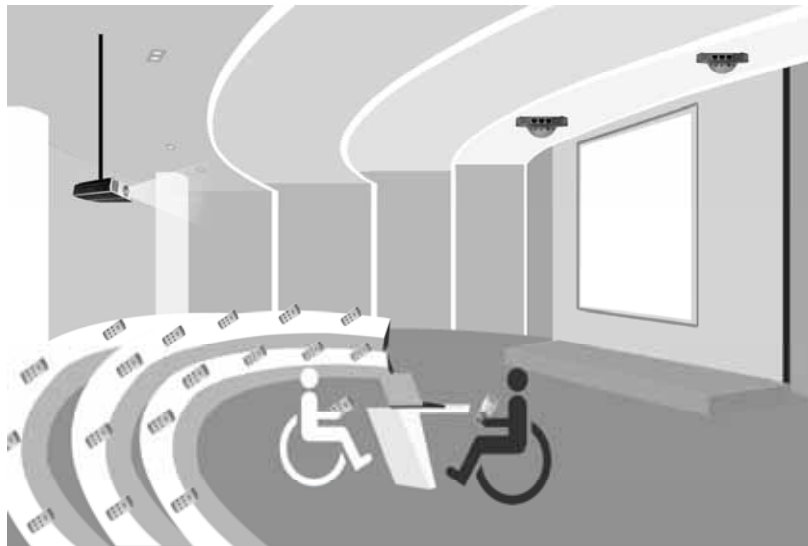
4. Polling



5. Training Centre



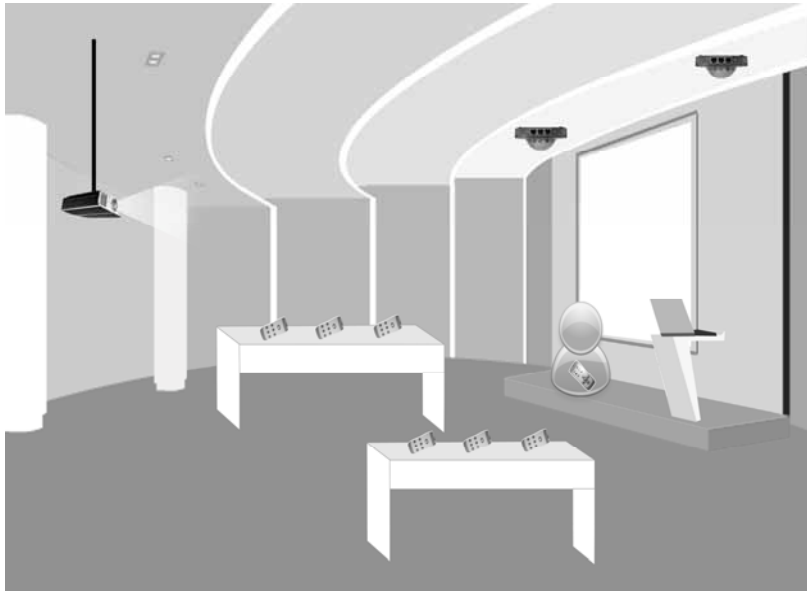
6. Contest Program



7. Company Meeting



8. TV program



Chapter 3 Software Installation

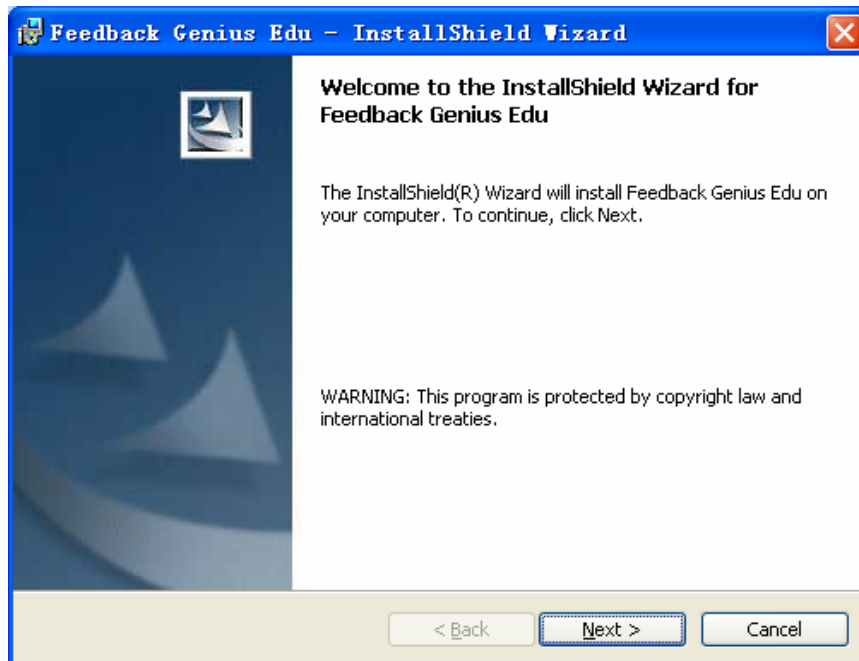
3.1 System Requirements

One 80X86 computer (laptop or desktop)
CPU: Pentium II or above;
Memory: 64MB or above:
Operating system: Windows Me/2000/XP:
Applications: Office 2000 or above:
HD spare: Above 100MB;
Mainboard: Serial communication port 9Pin RS-232;
Display or output devices: VGA above 800x600;
One large monitor and projector(Resolution 1024x768 above).

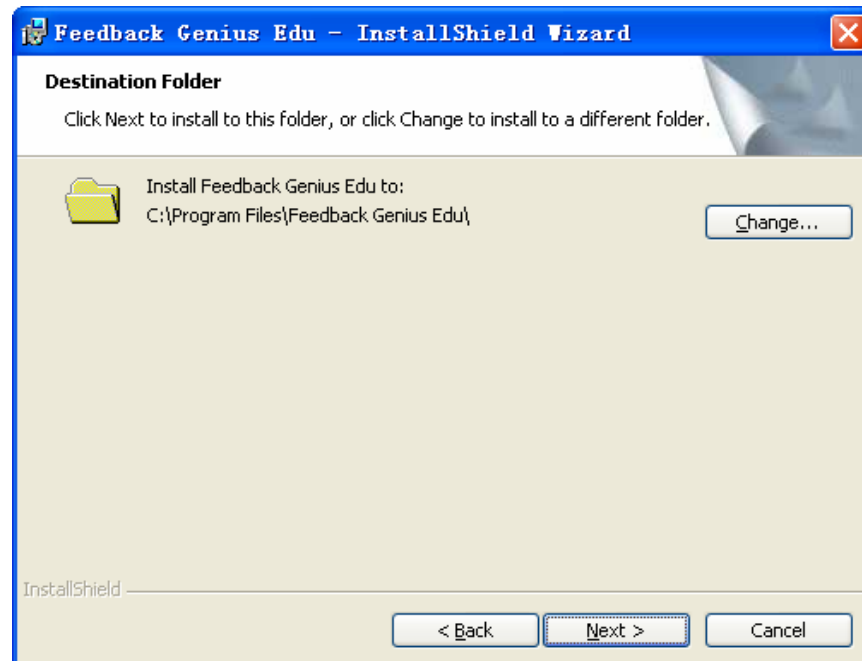
3.2 Software Installation

Insert the software CD into the CD drive and then open the software setting folder, double-click “Setup.exe”, and finish the installation according to the prompt.

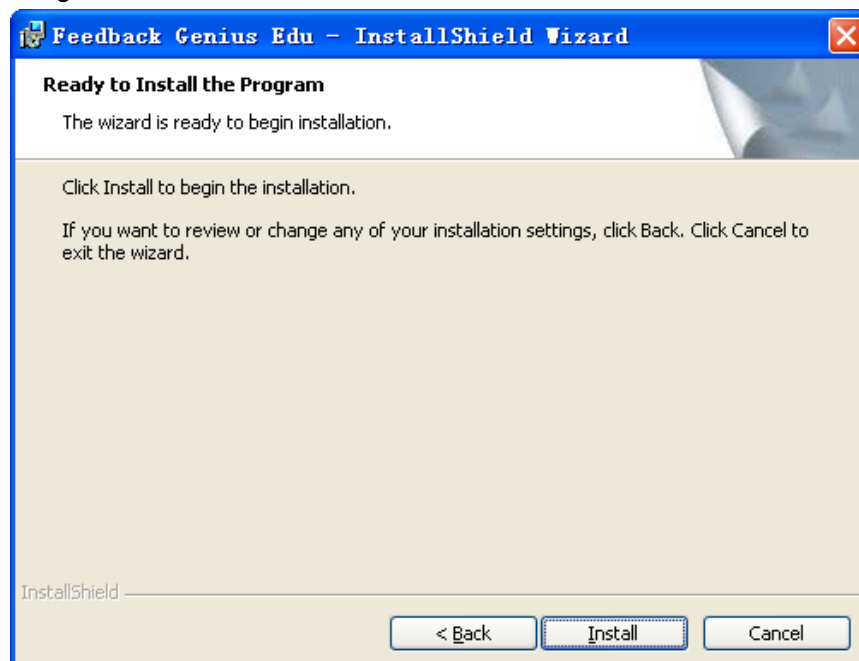
1. Click “**Next**” on the opening windows to confirm installation, as follows:




2. On the pop-up windows, select “**Change**” to change the installing path (default path: C:\Program Files\Feeback Genius Edu), and then click “**Next**”, as follows:



3. On the opening windows, click “**Install**”, as follows:

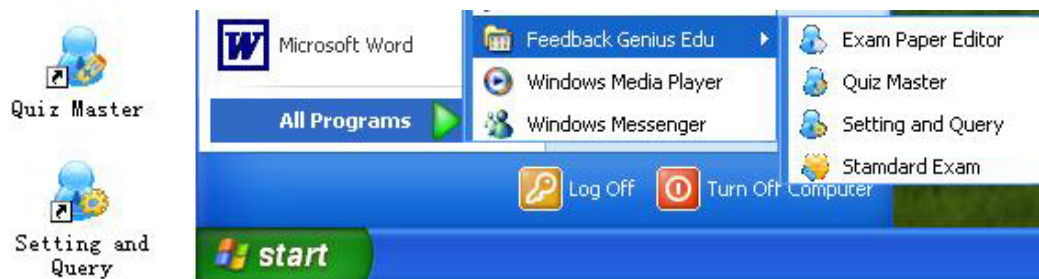


4. Click “**Finish**” to complete the installation of Feedback Genius Edu System.

 **Note:**

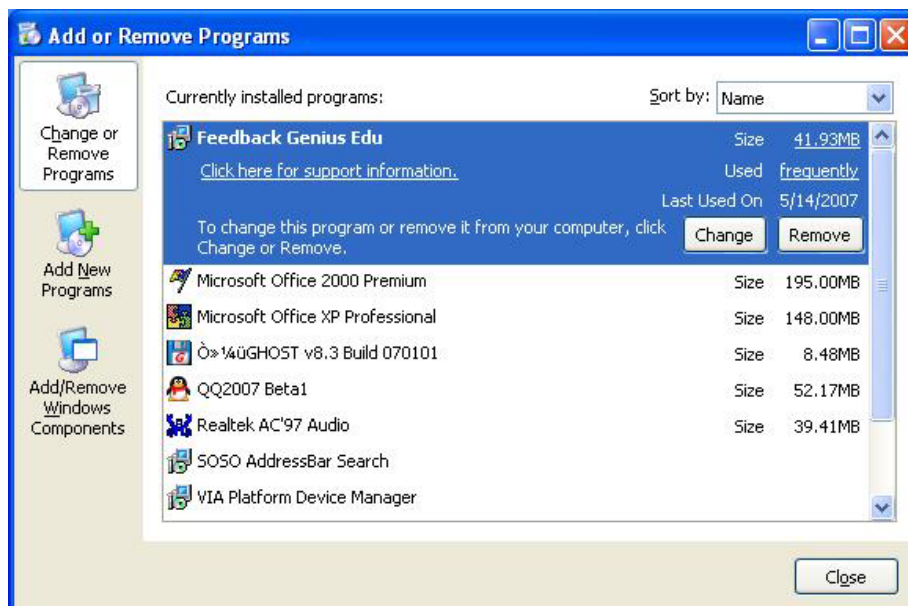
- 1. If the product you purchased matches with the standard configuration 1, meanwhile, COM needs converting into USB for computer connection, then the installation of program HL-340.exe under directory HL-340 is required.*
- 2. If the product you purchased matches with the standard configuration 2, then the installation of program CP210x VCPInstaller.exe under the directory CP210xDivers is required.*

After the installation, two desktop shortcut icons will be created automatically: Setting and Query, Quiz Master. And on the start menu will also appear 4 shortcuts (Exam Paper Editor, Quiz Master, Setting and Query, Standard Exam). As follows:



3.3 Software Upgrades and Uninstall

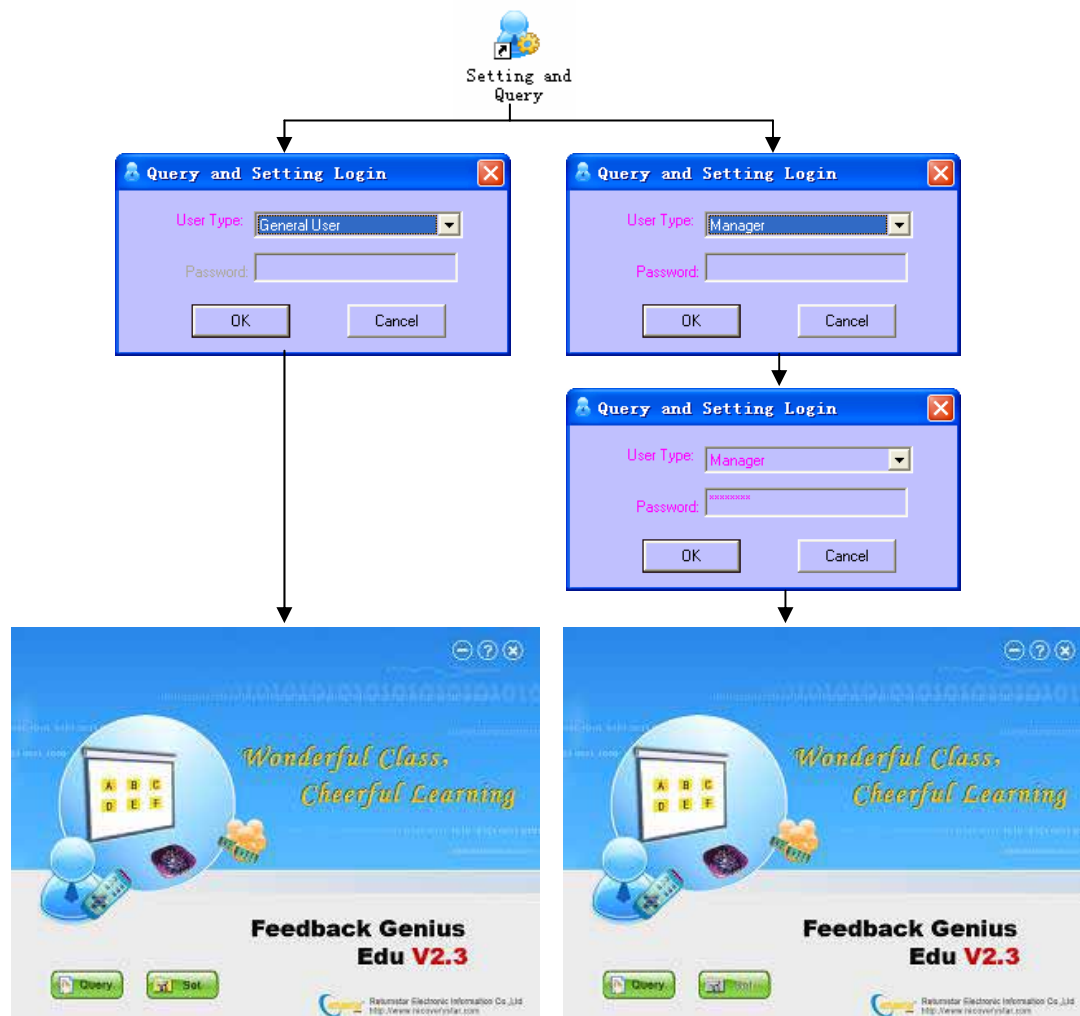
For Software Upgrades, please enter into “*System Setting*” --- “*Database Management*” to backup the database first, and then uninstall the former version and install the new version. For Uninstall, click “*Start*” menu, open “*Setting*”, then “*Control Panel*”, double-click “*Add or Remove Program*”, select “*Feedback Genius Edu*” and “*Delete*” option, then uninstall the software according to the system prompt.



Chapter 4 System Software Using

4.1 System Setting

Click “Setting and Query” on the desktop or select “Program” on “Start” menu, then “Feedback Genius Edu” --- “Setting and Query”, the “User Type” interface will appeared, select “General User”, and then enter into “Setting and Query” interface (**Note: only the activity record can be browsed by “General User”, “Manager” can also configure the system**); select “Manager”, input correct administrators password (default password: 88888888), then enter into “Setting and Query” interface. (As follows) (**Note: When use the system in first time; you must enter into the “Quiz Master”, and then input the serial number behind the main receiver (or the box) for registration.**)

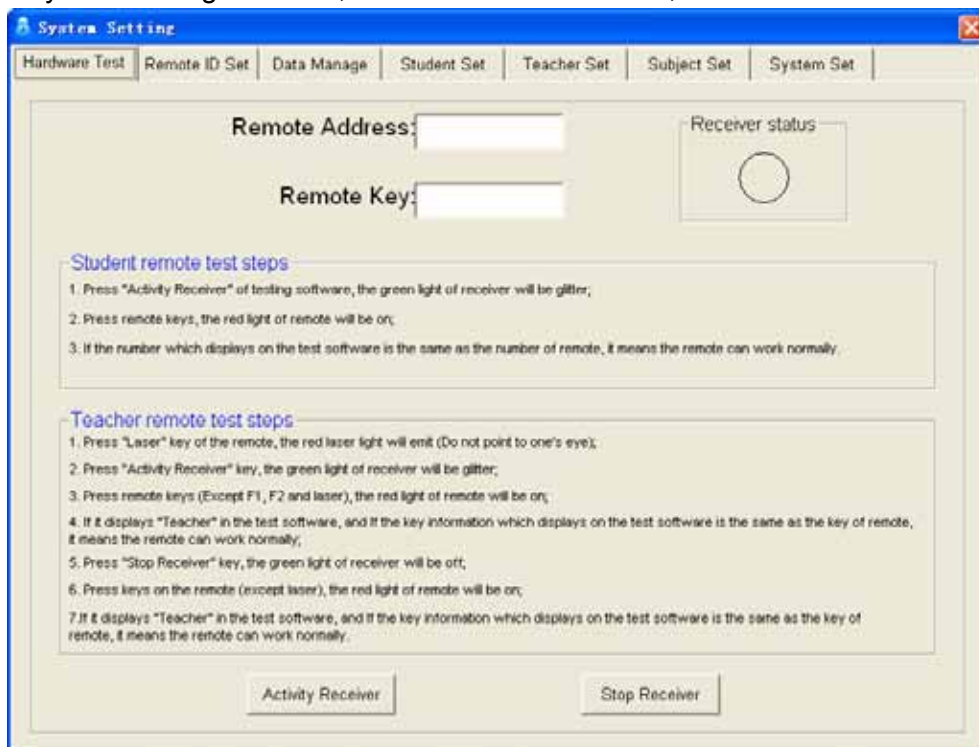


Note: When entering the system setting interface, the system will check the receiver automatically. If the receiver is not on the normal working state (receiver and computer connection failure or power failure), the system will prompt an error message.

System setting include: Hardware Test, Remote ID Set, Data Management, Student Set, Teacher Set, Quiz Set, System Parameter Set, etc.

4.1.1 Hardware Test

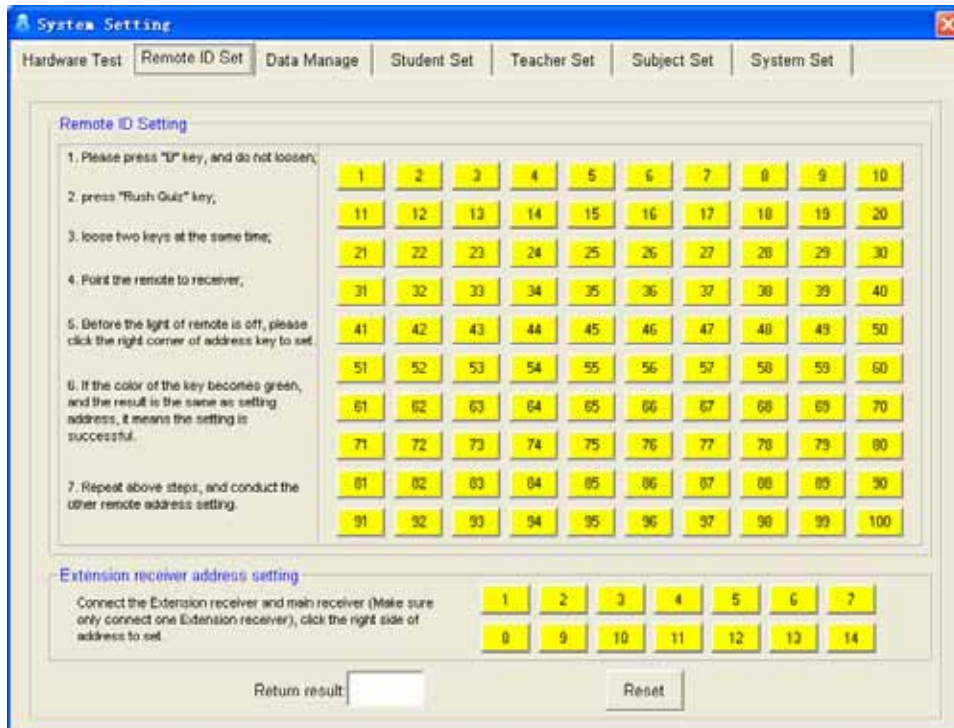
On the system setting interface, select “**Hardware Test**”, as follows:



The working performance of the receiver, slave remote controller and master remote controller can be tested during the hardware test. All details of the test process are listed in the menu of system setup. If the receiver works normally, slave remote controller and master remote controller shortcut button will also work normally. Any problem, please view Chapter Five - FAQ on the user manual.

4.1.2 Remote ID Set

On the system setting interface, select “**Remote ID Set**”, as follows:



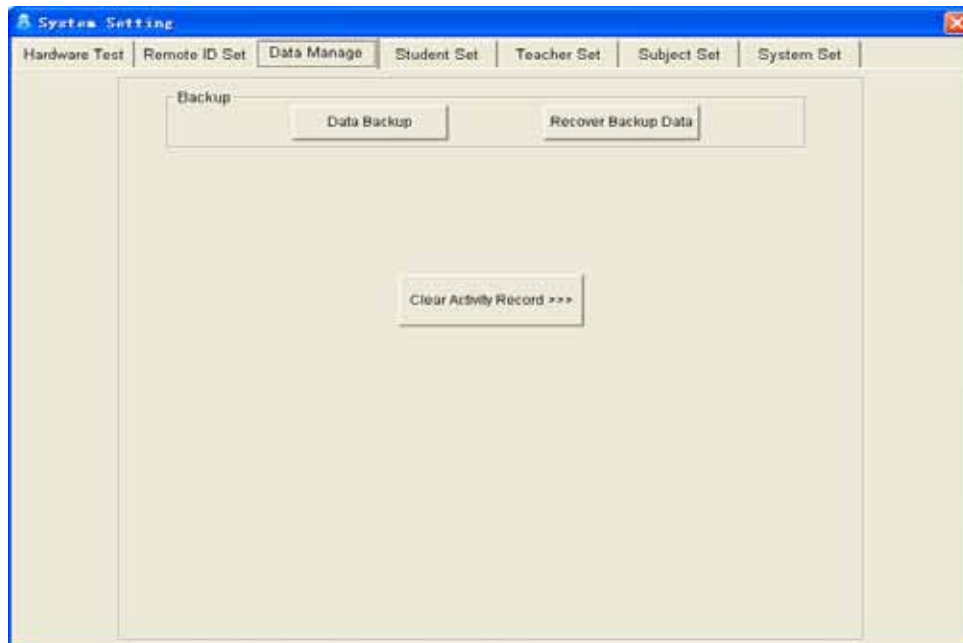
Remote ID Set: when a remote controller is damaged or lost, please use the standby remote controller to instead by setting the ID the same as ID of the damaged or lost remote controller. For more details, please view the setting menu.

Note: On “Quiz Master”, each remote ID must be different! So you should set the ID before using.

Extension Receiver ID Set: if the system needs several extension receivers, you must set the extension receiver ID respectively. For more details, please view the setting menu.

Note: the system supports up to 14 extension receivers, but the extension receivers with the same IDs can not work together.

4.1.3 Data Management: Select “Data Management” on the system setting interface, as follows:



Data Backup

In order to prevent the database from damage in accident, please use the backup function to save the database as “*.qlb” file, the file name and path can be customized.

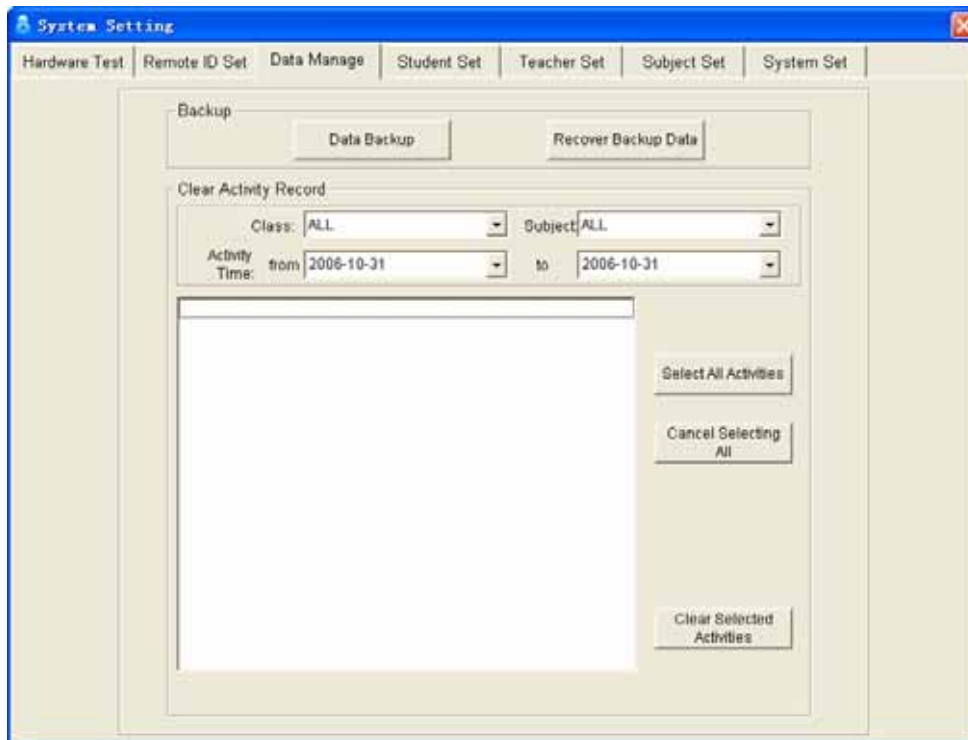
Recover Backup Data

Cover the current database file with the backup *.qlb file. Please be sure before since the operation may cause data lost. And administrator data management password (the default password is 12345678) is needed for the operation.

Note: *Data Administer Password is different from Administrator Log On Password. Both passwords can be modified on “Setting and Query” --- “System Set” --- “System Parameter Set”.*

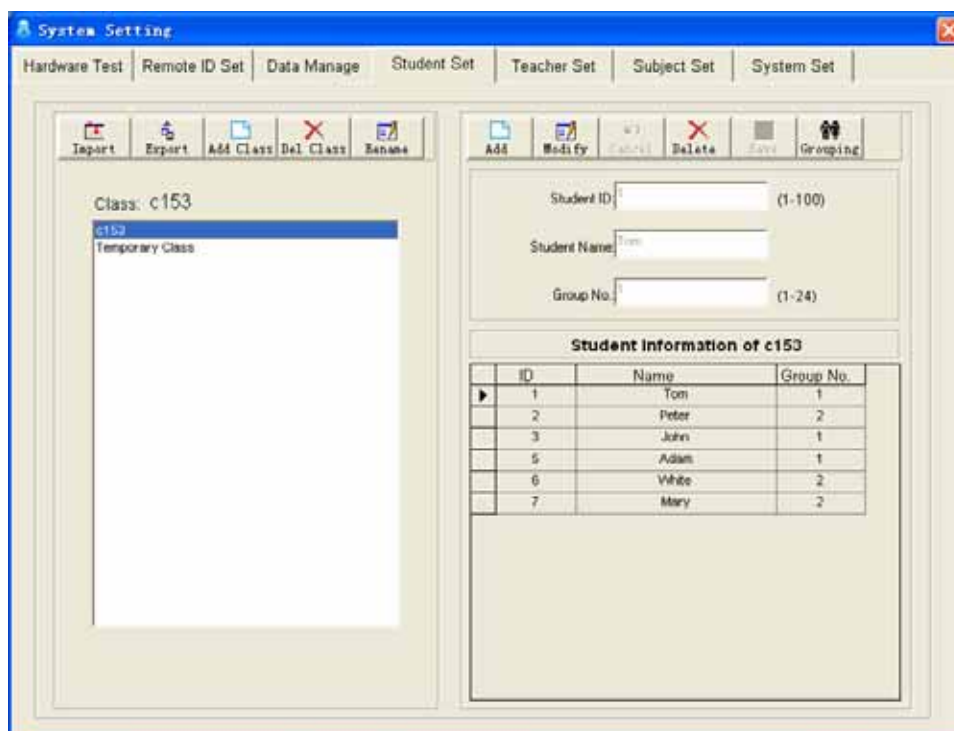
Clear Activity Record

Click “Clear Activity Record” button, and then input the correct administrator database management password (default password is 12345678) to enter into the “Clear Activity Record” interface, select the activity record according to class, quiz and activity time, then click “Clear Selected Activity” button, the user could clear the selected activity record so as to release HD space, as follows:



4.1.4 Student Set

Select “**Student Set**” on the system setting interface as follows. The interface divides into two parts, on the left is class information setting, and on the right is student information setting. On the student information setting, the system offers a test class and a temporarily class, the test class including 6 students, and the temporarily class default 100 students, it can be used for temporarily testing without editing the very class information.



4.1.4.1 Class Information Set

A. Import: click “**Import**” button, import the Excel sheet with class information into the database (the default path for import and export is CLASS catalogue under the install catalogue). The Excel sheet must be as the following format:

Number	Name	Group
Integer from 1 to 100, Can not repeat	Text information, can not repeat	Integer from 1 to 24

The first line of contents must be consistent with the above table. From the second line, each should be following the description in the second line of the above table.

Note: *The students should be no more than 100 in the class imported. Otherwise, there will be a message prompting error.*

B. Export: after setting the class (students) information, you can export the class information to an Excel sheet. Click “**Export**” button and select the class, then input the file name and confirm, the information will be exported.

Note: *With the function of import and export, it will decrease the work to input information repeatedly and convenient the user accustomed to using Excel.*

C. Add class: click “**Add Class**” button and input the class name, you can add a blank class. The length of the class name should be no more than 50 characters.

Note: *There is no limitation about the character used for the class name and the number of classes, but the class name can not be repeated.*

D. Delete class: click “**Delete Class**” button, and then you can delete the selected class. **Note:** *temporarily class is not allowed to be deleted, the deleted class should be empty. Otherwise the system will forbid the deleting.*

E. Rename: click “**Rename**” button and then input the new class name.

4.1.4.2 Student Set (**Note:** *only grouping set is available for temporarily class.*)

A. Add Student: click “**Add Class**” button and input the number, the name and the group number, then click “**Save**” button, the student information will be added.

Note: *There should be no more than 100 students in one class and the number from 1 to 100 never repeated. The length of student name should be no more than 20 characters, any character can be used, but the name can not be repeated. The grouping number should be from 1 to 24 in integer and can be set by other two ways: “Quick Grouping” of Quiz Master software or “Group Setting” of student set.*

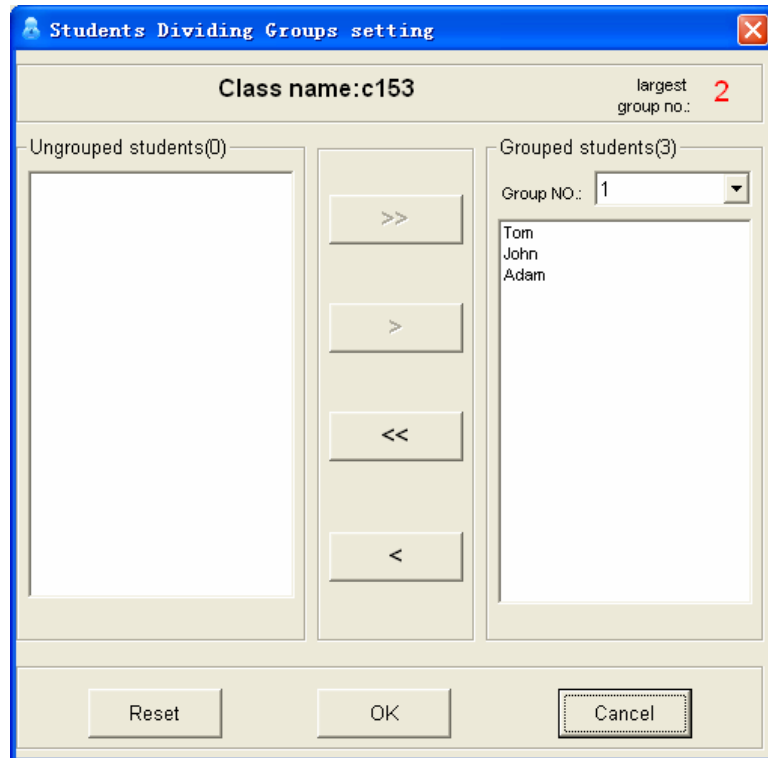
B. Modify: modify information of the selected student.

C. Cancel: cancel adding or modifying information.

D. Delete: delete the selected student information.

E. Save: save the student information which have been added or modified.

F. Group setting: group students in the selected class. Click “**Group**” and then enter into the interface, as follows:

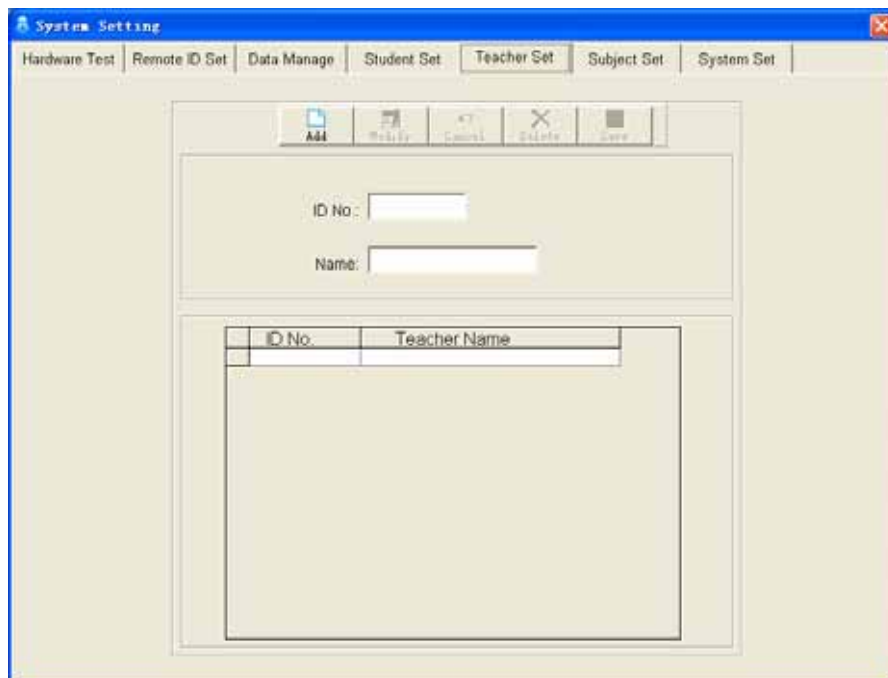


Ungrouped students on the left, grouped students on the right. Each button functions as follows:

- “>>”: send all ungrouped students into the right group;
- “>”: send selected ungrouped students into the right group;
- “<<”: transfer all grouped students to ungrouped state;
- “<”: transfer selected grouped student to ungrouped state;
- “**Reset**”: transfer all students to ungrouped state;
- “**OK**”: save the group setting and exit the interface (attention: the number of ungrouped students must be 0)
- “**Cancel**”: cancel the current group setting and exit the interface.

4.1.5 Teacher Set

Select “**Teacher Set**” on the system setting interface, as follows:



Each button functions as follows:

A. Add: click “add” button, input name, and then click “save” button.

Note: *There is no limitation about the number of teachers and any character could be used. But the ID number and name can not be repeated, and the length of name should be no more than 20 characters.*

B. Modify: modify information of the selected teacher;

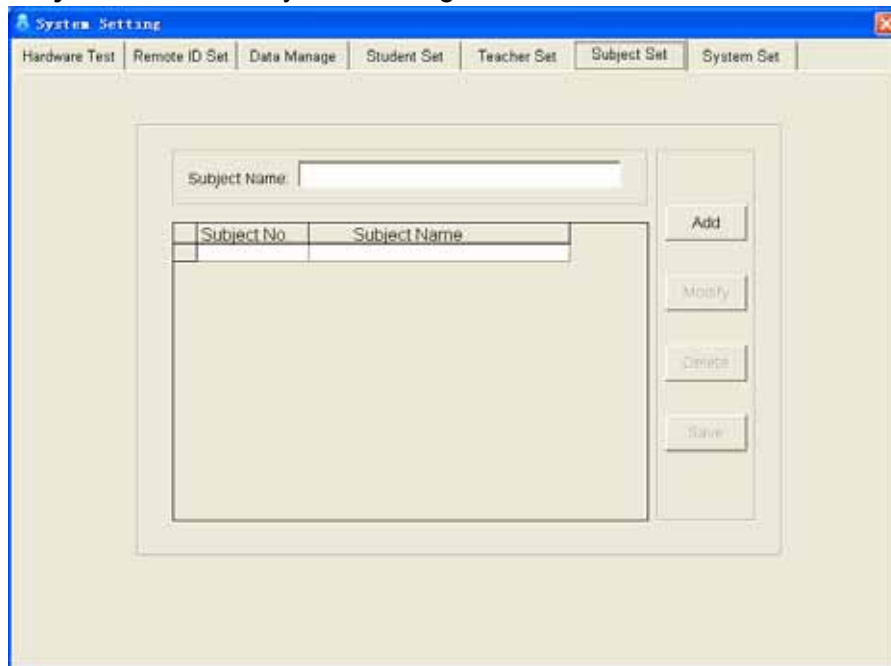
C. Cancel: cancel the added or modified teacher information;

D. Delete: delete the selected teacher information;

E. Save: save the added or modify teacher information.

4.1.6 Subject Set

Select “**Subject Set**” on the system setting interface, as follows:



Each button function as follows:

A. Add: click “**Add**”, input quiz name, and then click “**Save**” button.

Note: *There is no limitation about the number of quiz and the character used for the quiz name. But the length of quiz should be no more than 20 characters, and can not be repeated.*

B. Modify: modify the selected subject;

C. Cancel: cancel the modification of the selected subject;

D. Save: save the subject which has been added and modified.

4.1.7 System Set

Select “**System Set**” on the system setting interface, as follows:



System setting including three parts:

A. Modify Password: modify administrator log on password and data administer password;

B. Quiz Genius Default Setting: options including “**Display Status Bar**”, “**Publicize Correct Answer**”, “**Sort by Average Mark**” and “**Sort by Total Mark**”.

C. Quiz Genius Music Setting: it has different prompt music for different activity, user can click “**Browse**” to select other music file (*.WAV File) or cancel the music setting for a certain activity.

D. Other buttons functions as follower:

1. “**Save**”: save the system parameter setting;
2. “**Load default setting**”: restore the system parameter to default setting.

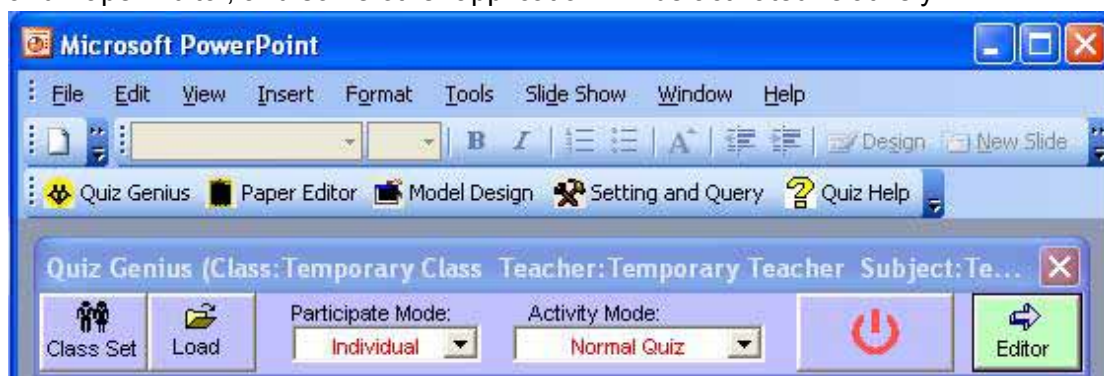
4.2 Quiz Genius

Before operating the Quiz Genius, please note the following definitions:

1. **One PowerPoint file** \longleftrightarrow **One quiz paper**
2. **One PowerPoint slide in file** \longleftrightarrow **One question in quiz paper**
3. **Project PowerPoint file** \longleftrightarrow **Start testing**

When starting Quiz Genius, PowerPoint will startup automatically, and then you can see two toolbars added (Quiz Genius, Paper Editor, Model Design, Setting and Query and Quiz Help) and an active window (Default Quiz Genius) on the PowerPoint window, as follows:

Click the five new toolbars , the active window will be altered between Quiz Genius and Paper Editor, and some other application will be activated relatively.



4.2.1 Model Design

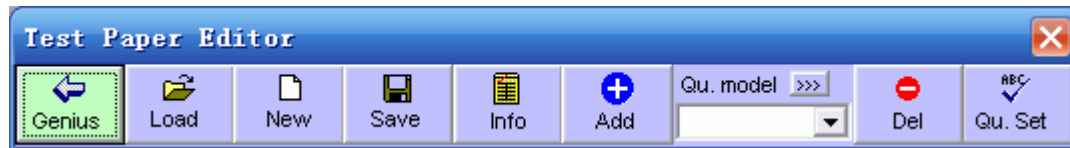


1. **Load:** load a model file (*.POT), the default path: "Install path\module".
2. **New:** create a new model file (*.POT).
3. **Save:** save the current model file (*.POT), the default path: "Install path\module".
4. **Info:** view the information, including the quantity of the question models and their options (quizzes title; answer option A, B, C, D, E, and F).
5. **Add:** add a new question model (lantern slide).
6. **Delete:** delete selected testing model (lantern slide).
7. **Modify Model Name:** modify the name of model (lantern slide) for convenient memorization.
8. **Option Denominate:** select current option name from the dropdown menu, including "Quiz Name", "Option A", "Option B", "Option C", "Option D", "Option E", and "Option F". The system default is undefined.

4.2.2 Test Paper Editor

A test paper is a PowerPoint file, so the test paper can be edited in PowerPoint, such as modify text content, insert picture, video and voice, set flash, adjust slide background, and so on. The Test Paper Editor is special designed for quiz and other respond activities.

The buttons of the Paper Editor Interface (as follows) function as follows:



1. Quiz Genius

Exit Test Paper Editor Interface and switch into Quiz Genius.

2. Load

The default path: "Install path\ paper base" (Note: "Install path", namely Returnstar Feedback Genius Edu System install path, system default: "C:\ Program files \ Feedback Genius Edu"); users can also select other path loading test paper; (suggest users saving it to "paper base" catalog, and then it will be convenient for use.)

3. New

Click "New test paper", the system will list all kinds of the templates for choice, Select an appropriate template, and then modify it, a new test paper will be created. (Tips: the system provides test paper templates such as test responding, preemptive answer game, vote, etc. Some of the templates have suffix name of 1, 2, or 3. The suffix means the display mode of the quiz and answer: display at the same time, display according to action sequence and display according to time order. The default path of the templates is "Install path\module", and users can create new template [PowerPoint module file, suffix is pot] and save it to the catalog so as to convenient the test paper edit).

4. Save

System default save path: "Install path\ paper base"; if the quiz is not set (the detail refer to 8th point), the system will prompt a warning message.

5. Info

In the process of editing test paper, users can click it to view the information of the whole test paper, including name, path of the test paper, the total question, total mark, total time limited, statistic of questions according to the difficulty or answering state, and list the numbers of the questions without been answered correctly.

6. Add

If the new test paper is new created template, it will add a new quiz to the paper. If the test paper is loaded one, it will copy the first quiz as a new quiz. And users can also use PowerPoint to add a new slide (add quiz), but the auto apply template function will be lost.

7. Delete

Delete the selected quiz of the current slide.

8. Quiz Set

System statistic, report forms, etc relate to Quiz Set closely. Therefore, users are seriously suggested to set it after editing. On test paper edit interface, click “Quiz Set” to enter into the interface, as follows:

A. Paper’s default activity mode: Set the default type of the paper's activity mode (a test paper can only be set one default activity mode).

B. Question Number: the question could be set by selecting with its number, or with pressing “Previous Qu.”, “Next Qu.” button.

C. Question Title (Grade Object): please input a brief introduction of the question or object name for “Grade choose”. The system will prompt a warning message if it is empty, and then default the question (grade object) number.

D. Mark, Time Limited: set mark and the time limited of the current question.

E. Correct Answer Selection: it is important since only when provide the correct answer can the system judge the student’s answer.

F. Difficulty level: select the quiz’s difficulty level.

G. Rush Quiz Set: Input the deduce mark (when the answer is wrong), and the answering time limited after getting the right to answer.

H. Answer Option Setting: please set it relatively to the answers.

I. Auto Acquire: when using the template the system provides, the question title and answer options can be set by Auto Acquire.

J. Previous, Next: select previous, next to set the questions.

K. Cancel, OK: cancel or confirm the current modification, and then exit question setting interface.

9. Quiz Module.....:

Select an edited quiz template file to facilitate “add quiz”.

10. Quiz Module Dropdown Menu: select a quiz template from the list for the current test paper.

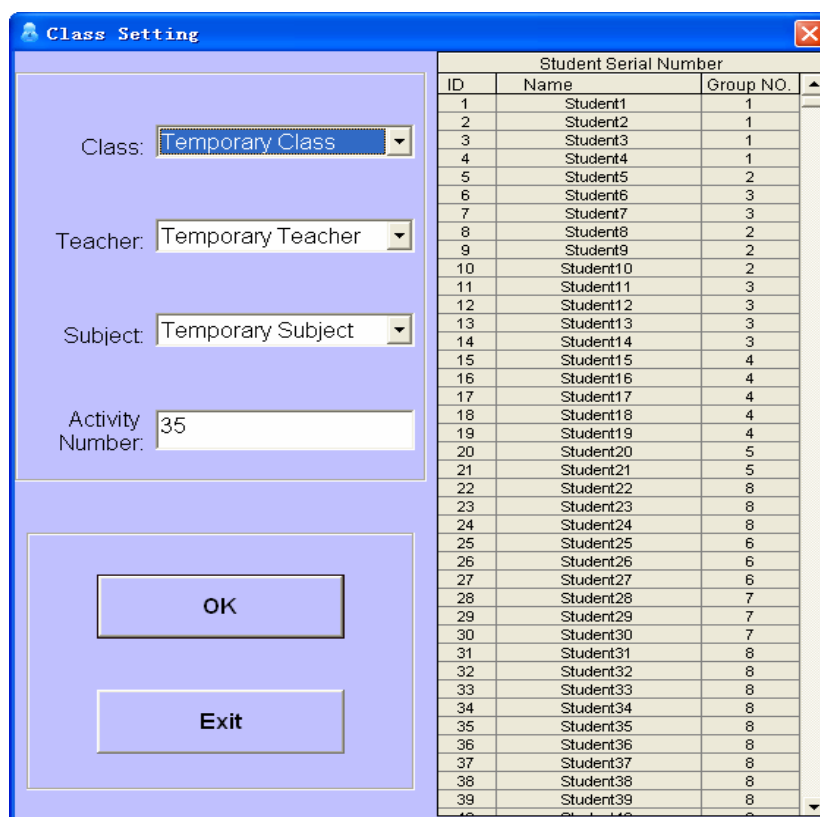
4.2.3 Quiz Genius Instruction

Enter into Quiz Genius interface (as follows):



4.2.3.1 Class Set and Load

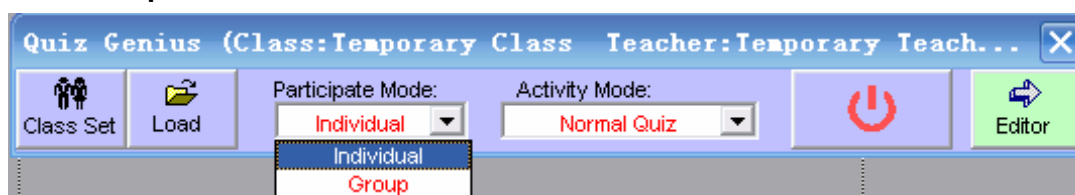
Before the activity, teachers have to preset the class. Click “**Class Set**” button, and then select the right class, teacher and subject. If there is no relevant record available, or it is a temporary activity, please select temporary class, teacher, subject, and input the number of participants (do not count the teachers into it).



4.2.3.2 Load

Click “**Load**”, then you can open an existed quiz paper. Please note that Load paper is not necessary when doing Ad-lib quizzes, roll call and quick grouping.

4.2.3.3 Participate Mode











Select “**Participate Mode**” as individual or group. In group participating, the response of any member of the group will delegate the whole group. So the marks of



the members in the same group are the identical. And group setting is needed if there is no group in the class settings. It can be done by group setting in “**Quick Grouping**” of “**Activity Mode**”.



4.2.3.4 Activity Mode


There are 9 activity modes with different quiz, please refer to details as follows:




1. Normal Quiz: including quiz with standardized answer and without limitation about the participate form (individual or group). The teacher (compere) can press” ” to time till the deadline or press “” to end the exam, and press” ” to view the quiz result, press “” to view the mark result list. And the students (audience) could press A, B, C, D, E, or F on remote controller to select the answer.

2. Rush Quiz: including quiz with standardized answer and without limitation about the participate form. The teacher (compere) can press” ” to time till the deadline or press “” to end the exam. The first student who press “” (group) get the right to answer once. The information of the student or group will be displayed automatically. If the answer is right, the score will be increased, in contrary, the score will be decreased. (Please refer to “Quiz Set”---Rush Quiz setting). Before the teacher (compere) pressed “”, the right answer will not be publicized, so a quiz can be answered for several time, but individuals or groups who answered before will be deprived to answer the question again.





3. Elimination: including quiz with standardized answer and without limitation about the participate form. The teacher (compere) can press” ” to time till the deadline or press “” to end the exam. Students (audience) can answer the questions by press A, B, C, D, E or F on the remote controllers. Students (group) who answered the question correctly will get the right to enter into the next bout, but the loser will be eliminated. And each quiz can be answered in only one time. The game will be ended until all students are eliminated.





4. Hand-raise: with standardized answer and any limitation about the participate form. The teacher (compere) can press” ” to time till the deadline or press “” to end

the exam. When display the paper, the student who presses “” (hand-raise) first will get the right to answer. And the teacher could grade the student accordingly. The same quiz can be answered by several times, and individuals or groups who answered before will be deprived to answer the question again.


5. Vote & Query: without standardized answer and any limitation about the participate form. It can be used for voting and idea collection, and the voting candidates should be no more than 6 (A, B, C, D, E and F). The system will generate the voting result report forms automatically. When holding the activity, the teacher (compere) can press “” to time till the deadline or press “” to end the exam, and press “” to view the voting. Students (audience) select the candidate by pressing their remote controllers (A, B, C, D, E or F).


6. Grade: mark the special item of special object (one quiz equals one mark object). From A to F option means 10 points-- excellence, 8 points— all right, 6 points -- pass, 4 points – not good, 2 points—bad, 0 point—worse respectively. The system will generate a list of the scores and sort the names according to the marks automatically.




When holding the activity, the teacher (compere) can press “” to time till the deadline or press “” to end the exam, and press “” to view the mark choose, or press “” to view the students (audience) mark arrangement list. Students (audience) mark and choose by pressing their remote controllers (A, B, C, D, E or F).

7. Ad-lib Quiz: it is fit for quiz with standardized answer but does not need to make out questions in advance. The teacher explains the question and options, and presses “” on the remote controller, then the students can press A, B, C, D, E or F on their remote controllers to answer the question. By the time of deadline, or when the teacher press “” on the remote controller, the exam will be ended. And the system will prompt the teacher to set the right choice and scores, and then record the quiz result automatically. Then the teacher (compere) can press “” to view the answer result or press “” to view the students (audience) mark arrangement list.

Note: *The current version only supports oral quiz of option select.*

8. Roll Call: it is restricted to individual. After the teacher press “”, the students can check in by press any key on their controllers, and the roll call will be ended by press “




 on the teacher's remote controller. And the system will pop-up roll call result automatically.

9. Quick Grouping: it is restricted to individual. It can be used while there is no group setting, or need to temporary alter the group settings. After the teacher press " button, the students can choose their group from Group 1 to Group 7 by press the A, B, C, D, E, F or press " button. When the teacher press "", the grouping will be ended and all students who have not pressed any button will be grouped into Group 1. The system will automatically display the member amount and proportion of the groups, and mark the students' names with different background colors accordingly at the "Answer State Bar". If the teacher chooses to save the quick group activity record, the groups will be set as default of the system. We suggest to group continuously from Group 1 and do not leave any group between be empty.

4.2.3.5 Answer Activity

Interestingly quiz can be held after the above settings.



Enter into activity

Press " on teacher's remote controller or click " on Quiz Genius toolbar to begin the activity (or play PowerPoint file). If press Shift key and click " simultaneously, the activity will go on automatically. (That is, there is no need to control the system during the whole process, it will time and turn page automatically). After entered into the project state and began the activity, the screen will display as figure 4-16 as follows:

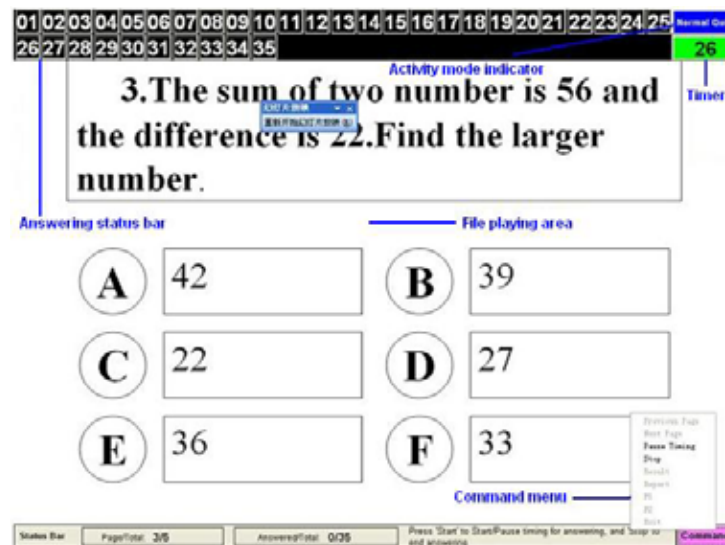
"File playing area": it is used for displaying the current file;

"Activity mode indicator": it is used for displaying the current activity mode;

"Command menu": click the button, a command menu functions the same as the teacher's remote controller will be pop-up (including previous page, next page, start/stop, result, report forms and exit);

"Answering status bar": After the teacher presses " to begin the quiz, the ID numbers of participants (group numbers) will be listed in this area with different background colors. The initial color is black. Gray indicates absent in roll call, blue means respond signal received (the students can change their choice, and the background color will get thicker as the change. The system will record the last choices as their answers.). When press " to display the result, the background

color will be changed to red (false) or green (true)



“**Timer**”: it begins to countdown when beginning the test. It will show the time remained (count by second) and alarm when the time remained is less then 10 seconds. The timer has three statuses: (1) Time status: when the timer is stopped or paused, press “▶||” to enter into timing, and the background color will be turned to green which means that the students can answer the questions; (2) Pause: under timer state, press “pause” or “▶||” button, the background color will be turned to yellow, and the countdown stopped, but the students can continue to answer the questions. (3) Stop: when the teacher press “■” button, or when the timer becomes 0, the background color will be turned to red, and all students can not answer the questions anymore.

Controlling activity progress: the teacher can use remote controller or mouse to control the system such as start answer, stop answer, previous page, next page or slide. Note: The system will not respond to other orders in the process of answering until the timer ends or the “■” button is pressed.

Result, report forms: press “📊”, the result of all students will be listed on the “Answering status bar”, and also with a result chart showing proportion of each answer options (green indicates right), average answer time and attendance information etc. Press “📅” key, you can see the ranking based on the mark (press “Up” or “Down” key to view the ranking). The sequence is from high to low and ranked on time when the marks are the same. It reflects the accuracy and celerity of the student.

Answer time defines: the time is counted from the teacher press “▶||” button to the student input the answer (base on the last input). If there is no answer inputted, the time will be counted from “▶||” to “■” plus one second.

Exit: press “⏻” button or click “Exit”, the system will ask whether you are intended to exit or not, click “OK” to confirm. The system will prompt you to save the records so as to future query.

4.3 Query Setup

As follows: click “**Setup Query Software**”, enter into “User Sort” selection interface, if you select “Common user”, enter into main interface (as follows); if you select “Administrator”, must input correct password. The different is common user only can inquire the record, but administrator can setup system. “Administrator”, default password is “88888888”, enter into query, setup interface, click “Query”, and enter into administration interface:

4.3.1 Activity Record Query

On setup query interface, click” Query” into record query interface. Including query by class, query by person and query by activity.

1. Query by Class

Select “Query by Class”, (system default display “Query by Class”) as follows:

A. “Class grade list”: query activity, student number, name, group number, mark, answer time and rank, class mark pass rate, full mark rate and so on.

B. “Class answer detail”: query activity detail, including activity name, interactive mode, activity date, test paper path and participate mode; display the quiz name, correct answer, mark, ABCDEF option and the answer that students selected.

C. “Class roll book”: Query classes roll book detail, including roll time, student attendance, absent and the total number of attendance or absent.

D. “Class activities summary”: query activity detail in a certain time, including activity number, activity name, activity mode, participate mode, subject name, teacher name, activity date and activity number. You can query by different condition, eg: class, student, subject, activity time,

2. Query by Person

Select “**Query by Person**”, as follows:

Record Checking

Query by class | Query by person | Query by activity

List Content

- Student score ledger
- Student answer details
- Student roll book

Query condition

Class: Temporary Class Student: Student1

Subject: ALL

Activity time: from 2006-10-31 to 2006-10-31

Query

A. “Student score ledger”: query student activity score in a certain time, including activity details and person score, ranking, average score.

B. “Student answer detail”: query student answer detail.

C. “Student roll book”: query student roll detail, including time, the number of attendance and absent. You can query by different condition, eg: class, student, subject, activity time.

3. Query by Activity

Select “**Query by Activity**”, as follows:

Record Checking

Query by class | Query by person | Query by activity

List Content

- Question accuracy queue
- Multiple-choice queue
- Multiple-choice queue histogram
- Grade details

Query condition

Class: Temporary Class

Subject: ALL

Activity time: from 2006-10-31 to 2006-10-31

Activity: math questions(Normal quiz).pp12006-10-31 15:40:12

Query

A. “Question accuracy queue”: query one activity (limit to “Test Responding”) of question accuracy queue data account, queue according to the accuracy; it is convenient for teacher to get details.

B. “Multiple-choice queue”: query exam paper answer option details, and ranking according to the number of students who answer. Teacher can know students well; it is especially useful for “Voting Questionnaire”, it can show the voting number clearly.

C. “Multiple-choice queue histogram”: the same as above only switch “report forms” to “histogram”.

D. “Grade details”: you can see the grade details, and then statistics. You can query by different condition, eg: class, student, subject, activity time

4.3.2. Operation

Click “Query”, pop-up report forms, content is different from the query option. As follows:

The screenshot shows a window titled "Class grade list" with a toolbar containing "Print", "Export", and "Zoom" buttons. The main content is a report titled "Temporary Class Previous test mark" for the period "from 2006-10-31 to 2006-10-31 23:59:59". The report includes the following details:

- Activity Name: math questions(Normal quiz).ppt2006-10-31 15:40:12
- Activity No.: 1
- Activity Time: 2006-10-31 15:40:12
- Average Mark: 0.5714
- Subject: Temporary Subject
- Participate Mode: Individual
- Path of Test: C:\Program Files\Feeback Genius Edu\paper_base\math questions(Normal quiz).ppt

ID NO.	Name	Group No.	Mark	Answer Time	Place
1	Student1	0	10	15	2
2	Student2	0	10	12	1
3	Student3	0	0	28	3
4	Student4	0	0	28	3
5	Student5	0	0	28	3
6	Student6	0	0	28	3
7	Student7	0	0	28	3
8	Student8	0	0	28	3
9	Student9	0	0	28	3
10	Student10	0	0	28	3
11	Student11	0	0	28	3
12	Student12	0	0	28	3
13	Student13	0	0	28	3
14	Student14	0	0	28	3
15	Student15	0	0	28	3
16	Student16	0	0	28	3
17	Student17	0	0	28	3
18	Student18	0	0	28	3

The window also features a "Page control" bar at the bottom with navigation buttons and a "Page 1 Total 2 page" indicator. A "Scroll bar" is visible on the right side of the report content.

You can do the following operation (refer to sign on chart):

Print: print the report forms

Load: switch to HTML file or Text file, and then save to HDD:

Zoom: zoom in or zoom out

Scroll bar: scroll screen to see the whole information.

Page control: turn over to the first page or to the last page, or turn over to previous or next.

4.3.3 Relation between Activity mode and statistics

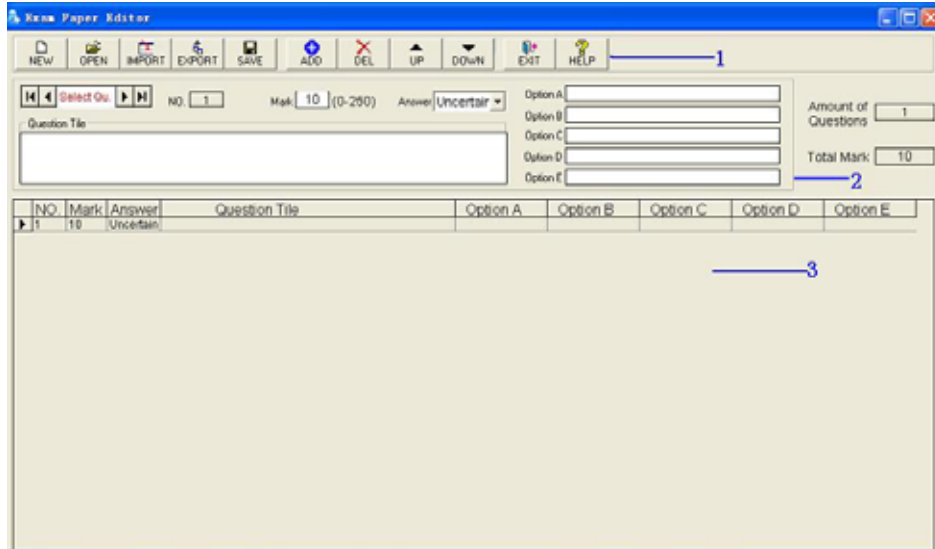
It is different from activity mode and statistics, as follows:

Activity Mode		Normal Quiz	Rush Quiz	Elimination	Hand-raise	Vote Query	Grade	AD-lib Quiz	Roll call	Quick Group
Query by class	Class grade list	√	√	√	√			√		
	Class answer detail	√	√	√		√		√		
	Class roll book								√	
	Class activities summary	√	√	√	√	√	√	√		
Query by person	Student score ledger									
	Student answer detail									
	Student roll book									
Query by activity	Question accuracy queue									
	Multiple-choice queue									
	Multiple-choice queue histogram									
	Grade details									
Remark: "√" means can query ,blank means can not query.										

4.4 Standardized Exam Paper Editor

Exam Paper Editor: student can answer questions according to different standardized at the same time, needn't to answer a question at one time; but teacher should write test questions on the blackboard, or print it. Exam Paper Editor is used for set the quiz mark, answer, and content.

Select "**Feedback Genius Edu**" from "**Program**" on "**Start**" menu. Click it, and then enter into editor interface:



It divides into three parts:

1. The top button bar: including the operation button of test paper (new, open, import, export, save); the operation button of subject (add, delete, up, down); other operation button (exit, help) and so on.
2. The middle edit bar: including set mark, answer, edit topic, each option, and show the total mark and information.
3. The last part is for show the quiz information.

1. Test Paper Command Button



- A. New:** click “New”, system will auto create an exam paper, and auto add a subject.
- B. Open:** click “Open”, you can select an edited exam, the type must be “csv”, otherwise it will prompt error.
- C. Import:** click “Import”, you can import an “xls” file, the file format must be accord with the exam format, otherwise it will prompt error.
- D. Export:** click “Export”, the current test paper will export as “xls” file.
- E. Save:** click” Save”, save the edited test paper, save it as “csv”.

Test paper details: “csv” and “xls”, as follows:

Number	Mark	Answer	Title	Option A	Option B	Option C	Option D	Option E
(1-250 integer)	(0-250 integer)	(A,B,C,D,E,or“undefined”	(Any Test)	(Any Test)	(Any Test)	(Any Test)	(Any Test)	(Any Test)

Note: the first row is a table head, content will the same as the first row; content from the following row must be accord with the second row.

2. Test Question Command Button

A. Add: click “Add”, system will auto add a test question on the last, the number is the large number plus 1, mark default “10”, answer default “undefined”, if the number reach 250, so you can not allow to add.

B. Delete: click “Delete”, delete the current selected test question.

C. Up: click “Up”, up the current selected test question.

D. Down: click “Down”, down the current selected test question.

3. Other Command Button



A. Exit: click “Exit”, exit the exam paper editor, and if you modify it, system will prompt you whether save.

B. Help: click “Help”, system will show help.

4. Select, setup and edit

The image shows a screenshot of an exam editor interface. At the top left, there are navigation buttons: a left arrow, 'Select Qu.', a right arrow, and a double right arrow. To the right of these are fields for 'NO.' (value 1), 'Mark' (value 10, with '(0-250)' below it), and an 'Answer' dropdown menu (value C). Further right are five input fields for 'Option A' through 'Option E', with values 0, 1, 2, 3, and 4 respectively. On the far right, there are two summary boxes: 'Amount of Questions' (value 3) and 'Total Mark' (value 30). Below the navigation buttons is a 'Question Title' field containing '1+1=?'.

A. Select: on the top left corner of editor, select “Select Qu.”, you can select previous one, next one, the first one and the last one;

B. Mark and Answer Setup: input 0-250 integer on “Mark” textbox, and then finish. Select correct answer on “Answer” dropdown menu, and then finish. (They are the essential item).

C. Option D and Option E: input title on the textbox. (it is convenient for you use)

4.5 Standardized Exam System

Standardized Exam System: student can answer questions according to different standardized at the same time, needn't to answer a question at one time; but teacher should write test questions on the blackboard, or print it. Standardized Exam System is used for collect information, statistic query result and so on.

4.5.1 Standardized Exam System

1. Check the connection of hardware

If the receiver doesn't connect with computer, doesn't plug in power, or open other software at one time (Genius Answer or system query setup), it will prompt error, so

you can not answer.

2. Enter into Standard Exam System Setup Interface

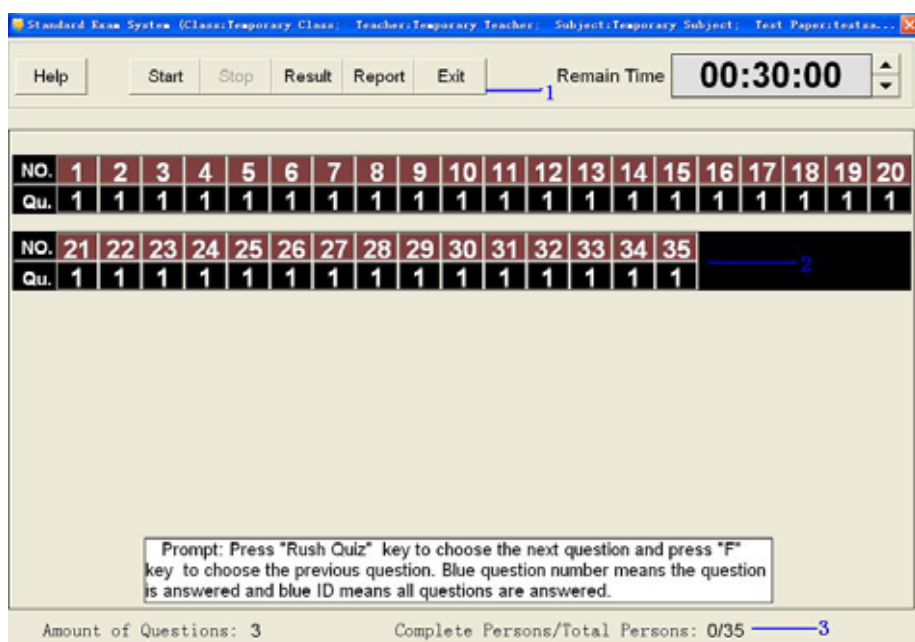
ID NO.	Name	Group NO.
1	Student1	1
2	Student2	1
3	Student3	1
4	Student4	1
5	Student5	2
6	Student6	3
7	Student7	3
8	Student8	2
9	Student9	2
10	Student10	2
11	Student11	3
12	Student12	3
13	Student13	3
14	Student14	3
15	Student15	4
16	Student16	4
17	Student17	4
18	Student18	4
19	Student19	4
20	Student20	5
21	Student21	5

A. Set class, teacher, and subject: if select temporary class, you must set number of participate students.

B. Select exam paper: “cvs” file format, accord with the format standard, otherwise system will prompt error, if the format is correct, and it will show the total number and total mark.

C. Time setup: (you can adjust the time on the answer interface)

3. Enter into Standard Exam System Answer Interface

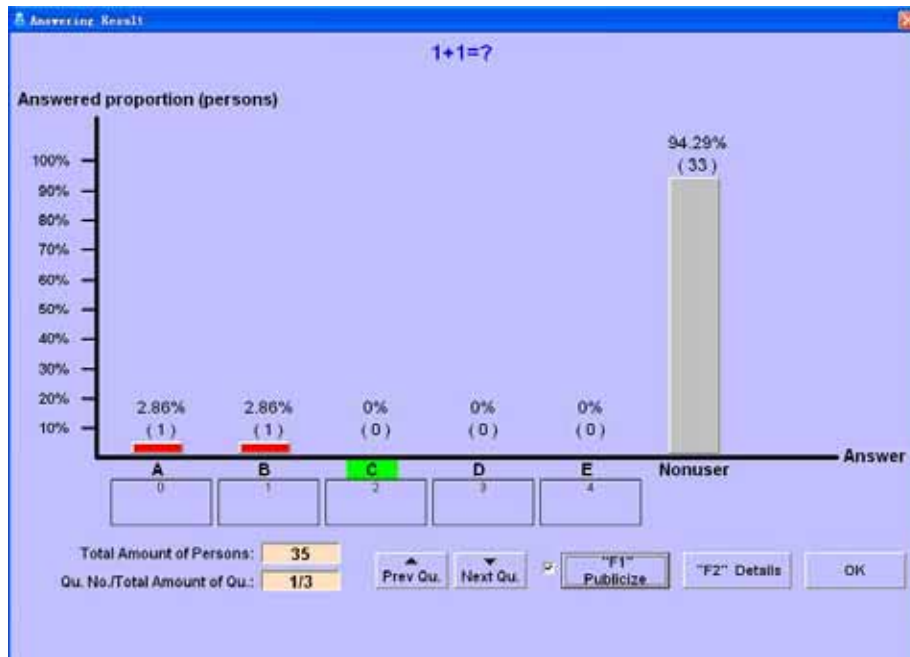


The Standard Exam System Answer Interface includes three parts:

- A. The top is command button; use for control the exam process.
- B. The middle is answer information bar; show the answer details of students.
- C. The bottom is status bar, show total quiz number and the number students who have already answered.

4.5.2 Control the exam process

1. **Start:** click “Start” (press teacher remote controller “▶||” key), timer start to count (background color becomes green), then “Start” button turn “Pause” button. Click “Pause” (press teacher remote controller “▶||” key), timer stop (background color becomes yellow), students can continue to answer, then “Pause” button become “Start” button, click “Start” again, (press teacher remote controller “▶||” key again), timer start to count.
2. **Stop:** click “Stop” (press teacher remote controller “■”), timer stop count, (background color become red), exam time is over, students can not answer.
3. **Result:** click “Result”, (press teacher remote controller “Result” key), show the histogram (as follows). You can press teacher remote controller “▲” or “▼” key, to view the previous one or next one, press “F1” to show the correct answer, press “F2” to view the details, press “OK” to exit.



4. **Answering Details:** press teacher remote controller “F2” to view the exam details (as follows). You can press teacher remote controller “▲” or “▼” key, to view the previous one or next one, press “F1” to show the correct answer, press “OK” to exit.

Answering Details

ID	Name	Answer	ID	Name	Answer	ID	Name	Answer	ID	Name	Answer	ID	Name	Answer
1	Student1	B	2	Student2	A	3	Student3	None	4	Student4	None	5	Student5	None
6	Student6	None	7	Student7	None	8	Student8	None	9	Student9	None	10	Student10	None
11	Student11	None	12	Student12	None	13	Student13	None	14	Student14	None	15	Student15	None
16	Student16	None	17	Student17	None	18	Student18	None	19	Student19	None	20	Student20	None
21	Student21	None	22	Student22	None	23	Student23	None	24	Student24	None	25	Student25	None
26	Student26	None	27	Student27	None	28	Student28	None	29	Student29	None	30	Student30	None
31	Student31	None	32	Student32	None	33	Student33	None	34	Student34	None	35	Student35	None

Total Amount of Persons: 35
Qu. No./Total Amount of Qu.: 1/3

5. **Report:** click “report format” (press teacher remote controller “📊”), it will show the score board (as follows). You can press teacher remote controller “▲” or “▼” key, press “OK” to exit.

Place in Exam List

T O P

Place	ID NO.	Name	Mark
1	1	Student1	10
2	24	Student24	0
2	23	Student23	0
2	26	Student26	0
2	25	Student25	0
2	19	Student19	0
2	20	Student20	0
2	22	Student22	0
2	21	Student21	0
2	35	Student35	0
2	32	Student32	0
2	31	Student31	0
2	44	Student44	0
2	33	Student33	0
2	27	Student27	0
2	28	Student28	0
2	30	Student30	0
2	29	Student29	0
2	2	Student2	0
2	8	Student8	0
2	7	Student7	0
2	10	Student10	0
2	9	Student9	0
2	3	Student3	0
2	4	Student4	0
2	6	Student6	0
2	5	Student5	0

OK


6. Help: click “Help”, enter into help interface.

7. Adjust Exam Time: click “up”, “down” on timer, (press teacher remote controller “▲” or “▼” key), adjust timer setup.

8. Exit: click “Exit” to exit the system, if answer, system will prompt “save” or no. if save, you can view it on Returnstar Feedback Genius Edu System.

4.5.3 Student Answer Operation

When start exam (start countdown or pause countdown), students can do that.

1. Select Test Questions: students can press “” on remote controller to select next one, title number which accord with student number plus 1(if it is the large title number, the title will become 1); press “F” select previous one, title number which accord with student number subtract 1(if it is the large title number, the title will become 1). The test question which has already answered, the background color is blue, otherwise is black.

2. Select Answer: select test question, and then press A, B, C, D, E, and F key to select answer, the background color become blue, or change between navy-blue and cambridge blue. When finish, student number will become blue.

Chapter 5 FAQs

1. Remote control's button reacts slower or indicator light not bright enough?

A: Change a new battery.

2. Startup Quiz Genius, the screen shows communication false?

A: Please check out the transformer's power outlet, make sure it electrifies well, each connection cable or sub-joints connect well.

3. Which occasion can Returnstar Feedback Genius Edu System be used in?

A: It can be used in multimedia classroom. Now, many schools have already provided with computer, projector, projection screen, so long as increases a set of Returnstar Feedback Genius Edu System, it can achieve interactive teaching.

4. Which is the difference between feedback systems and Returnstar Feedback Genius Edu System?

A: The feedback system is wired, is only allow several participator, it is only used in some game. But Returnstar Feedback Genius Edu System uses the advanced Infrared Technology, allows 100 people to participate simultaneously, and has the interactive teaching software; it is fit for common multimedia classroom.

5. The Returnstar Feedback Genius Edu System can be used in outdoors?

A: Generally speaking, it is only used in room; because of the outdoor sunlight has strong infrared, can disturb the system work.

6. It can receive students' feedback information effectively in amphitheatre?

A: The effective distance of single receiver is above 15 meters, if classroom is too big, so long as installed two assistance receivers.

7. If many students presses remote controller at the same time, can the receiver be lost the code?

A: Not. Due to using advanced patent infrared technology, Returnstar Feedback Genius Edu System can ensure multi-channel infrared signals correct, fast receiving and processing.

8. Due to using wireless technology, whether can disturb mutually between two neighboring classrooms?

A: Of cause not. The wireless technology has several sorts, including radio, infrared, ultrasonic and so on. If use radio technology, the signal may penetrate the wall, therefore it can disturb neighboring classrooms, but the infrared signal cannot penetrate the wall.

9. The Returnstar Feedback Genius Edu System can projector quiz

automatically?

A: Yes, press “Shift” key, and then click “Projector” button, it can projector quiz automatically. But upgrade software to V2.0 edition.

10. The Returnstar Feedback Genius Edu System software CD could not find, where can find sequence number?

A: Besides on CD, it can be found on main receiver.

11. Teacher computer doesn't have serial port, or the existing serial port has already occupied by other equipment, how connected with the main receiver?

A: Use a converter, switch USB to RS232.

12. Student's remote controller serial number is lose, how can I get it?

A: Open Returnstar Feedback Genius Edu System setup query software, enter into by manager, and then enter into “Setup“, click “Receiver, Remote controller Hardware Test“, press remote controller button to get the serial number.

13. Remote controller loses or damage?

A: Use standby remote controller and then setup address or purchase from dealer.

14. When uses the Returnstar Feedback Genius Edu System, teacher teach to the same class with different computer, whether edits class information on each computer?

A: Returnstar Feedback Genius Edu System V2.0 edition add import and export class information. After editing the class information on one computer, you can use in other place.

15. Class information haven't edited, but wants to carry on some temporary test, how can I do?

A: you can use the temporary class in system. The default participator is 100.

16. If the teacher wants to group temporarily, need return to Returnstar Feedback Genius Edu System setup query software to re-group?

A: Of cause not, select “Quick Group” on Quiz Genius, and then press student's remote controller to finish.

17. If teacher does not prepare quiz, can do temporary quiz?

A: Select “AD-lib Quiz” active mode, teacher can show right answers and mark after answering.

18. Can insert picture, sound, video into the quiz?

A: Of cause, Returnstar Feedback Genius Edu System base on Microsoft PowerPoint, and embedded design, the system has powerful function in exam paper edition. You can insert picture, sound, video and so on.

19. What peripheral equipment does Returnstar Feedback Genius Edu System need?

A: Need one computer, one projector, and one large screen, does not need one computer for each student.