Student Manual

Documentation for the H-ITT Remotes

Hyper-Interactive Teaching Technology www.H-ITT.com
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1 Transmitter use (for audience members)

1.1 Introduction

The transmitters or remotes have 6 buttons on them: *,A,B,C,D,E as shown in the picture above. Your remote has a unique ID number that is located on the printed circuit board under the battery as shown in the picture below. You should have noticed it when you installed the battery. The remote requires 2 AAA batteries and should last several years. However, you may want to replace them every year. Your remote is just like any other electronic device such as a calculator. Treat it with the same care. Don’t get it wet and don’t sit on it, smash it, stomp it, or throw it across the room.

1.2 Answering Questions

To answer a question, aim the remote at one of the receivers (not the screen) and press the button of your choice. You should notice the red LED light up on the remote for as long as you hold the button down. Notice too that there is no need to turn the remote on, similar to your TV remote control. Simply pressing any button will turn it on and send a transmission. Only one transmission is sent for every key press so holding your button down for a long time will not have any effect. If your response was collected by the system, a box will appear on the screen showing a portion of your remote id number (or your screen name if your instructor is using that feature). The background of the box is color coded based on the last digit of
your remote id number. Thus there are only 10 different background colors possible as shown below. Once you find you position on the screen it will stay there for the entire semester.

If you decide to change your answer a number will appear next to your remote id number (or screen name). This number indicates how many times you have changed your answer. Notice the boxes below showing a number with a black background indicated that these student changed their answer. The number will not change if you press the same answer. Your instructor can limit the number of times you can make changes to your answer. The default in the software is three (3).

1.3 Answering questions in testing mode:

The * button is used for testing mode where you work at your own pace on individual questions. This button increments the question number you are on. Unlike the other buttons the transmission from the * button is sent when the button is released. Try pressing it a few times and notice that the LED doesn't light up until the button is released. When taking a test, the first key you should press is the * button. Your box will appear in the same position that it normally does. However, you will notice a number in yellow followed by a number in white, both with a black background as shown below.

The yellow number indicates the question you are answering and the white number indicates the number of times you have answered it. For a three question test, pressing * repeatedly will cycle you through all the questions, as shown below:

Press *

573 10

Press *

573 20

Press *

573 30
Press *

To answer the question indicated by the yellow number simply press one of the A-E buttons. If you answered question 1 once the ID box will appear as shown below.

By cycling through the questions with the * button and answering them with A-E you can complete your test. To answer a three question test with the following answers 1.) A 2.) B 3.) C you would press the following key sequence:

Press *

Press A

Press *

Press B

Press *

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Press C

You can always go back and change your answers by pressing the * button. For example, to determine if you have answered every question on a three question test, simply cycle through all the question with the * button. You should see the boxes appear as shown below:

Press *

Press *

Press *

Press *

Starting with version 1.3.11 a new way to answer questions in testing mode has been included, where the question number is automatically incremented once a valid response has been collected. Your instructor will inform you which mode you are using. In this mode there is no need to press the * key to increment the question number each time. However the audience members will need to first press the * key to sign on as usual and they can use the * key to cycle through the question numbers as well. For example to answer the three question test with the following answers 1.) A 2.) B 3.) C, the audience member would press the following key sequence:
1.4 E-mail: How tell the instructor your Remote ID number.

To register your remote in the class you should e-mail your instructor the following information in the following format.

Subject: H-ITT:Register
Message Body

Name: your name
StudentID: your Student ID number
RemoteID: your Remote ID number
ScreenName: your chosen screen name (e.g. initials)

The order of the lines does not matter. There can be only one command per line. The spaces before and after the : are ignored. Replace everything after the : with the appropriate information. Don’t forget the subject line. For example, if your name is Jane Doe, your student ID is 123-45-6789, your remote ID is 51234, then your e-mail message should look like this:
Subject: H-ITT:Register
----------------- Message Body -------------
Name: Jane Doe
StudentID: 123456789
RemoteID: 51234
ScreenName: JD

A good choice for your screen name is your 2 or 3 character initials. If you find that you have the same initials as someone else in your class you can change your screen name by simply resending the e-mail with a new screen name.

1.4.1 ClassID:

Your instructor may inform you to include a Class ID in your e-mail. The class ID is used when your instructor is teaching multiple sections and used to identify which class or section you are in. If your instructor is using the class ID, he will inform you what it is. It should be a 1 or 2 character ID such as "A" or "C1", "C2" etc. If it is too long tell him that he should shorten it to 1 to 2 characters and that anything over 2 characters the students are likely to misspell it causing errors. To include the class ID in your e-mail include the following line: ClassID: Instructor Provided identifier

For example, if your name is Jane Doe, your student ID is 123-45-6789, your remote ID is 51234, and your instructor told you that your class ID is A, then your e-mail message should look like this:

Subject: H-ITT:Register
----------------- Message Body -------------
Name: Jane Doe
StudentID: 123456789
RemoteID: 51234
ScreenName: JD
ClassID: A

If your instructor is NOT using the class ID, DO NOT INCLUDE IT IN YOUR E-MAIL MESSAGE. Doing so will cause your information not to be registered.

1.4.2 Confirmation/Error e-mail message

If your registration e-mail is successfully recorded you will receive a reply e-mail message. If any errors were detected in your e-mail message, the entire registration message will be ignored. Depending upon the type of error, you may receive a reply e-mail message explaining the error. However, the following two types of errors will result NO reply e-mail message being sent to you: Incorrect subject line (should be h-itt:register). Incorrect ClassID: or using ClassID: when your instructor told you not to. If you haven’t received
either and error or confirmation reply message when your instructor informs you that all 
e-mail messages have been processed, it had one of the two errors mentioned. Don’t worry 
if you have errors, simply fix them and resend the e-mail to your instructor.

1.4.3 Updating your information (sending a second e-mail 
message)

Once your registration e-mail has been successfully recorded, you can update or change 
your information by sending another e-mail message with the new information in it. This 
is handy if you lost your remote mid-semester and had to replace it. Compose the new 
message as described above and send it to your instructor. All the information will be 
updated with the information contained in the new e-mail message. The only important 
thing to remember is to make sure your student ID is the same in both your original message 
and your updated message. The software uses your student ID to uniquely identify your 
information such as: remote ID, name, e-mail, etc.

1.4.4 Common mistakes and things to keep in mind

When composing your e-mail message remember to to spell everything correctly espe-
pecially the commands (the words before the colons ":"). In addition, your instructor (or any 
other human being) is NOT reading these e-mails. Our software program is downloading the 
messages and automagically picking out the information. We have made the e-mail reader 
as forgiving as possible, but keep these things in mind when composing your message:

• Don’t send any extra text in the body of the message including your signature (if you 
  use one). Doing so will increase the chance for errors.
• Only put one command on a line.
• Don’t send your e-mails as HTML (web pages). Send them as plain text. Most e-mail 
  readers have an option to choose either one. Make sure its set to plain text. The 
  Software can’t parse through the HTML encodings (yet).
• Each command must have the colon ":". Not having the ":" will cause the line to be 
  ignored
• The order of the lines does not matter. StudentID: can come before or after Name: or 
  any where else in the e-mail message.
• The commands are not case sensitive. NAME:, Name:, or NAMe: are all fine.
• The space before and after the ":" is ignored.
• To simplify and reduce the errors, the following abbreviations can be used for the 
  commands:

  RemoteID RID
  ClassID CID
  StudentID SID
  ScreenName ScreenID

  The registration e-mail shown above can been written:

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Note that the change in order and case will work fine.

1.5 Screen Names:

A screen name is a name that appears in your box in place of your remote ID number. This allows you to customize the appearance of your box making it easier to tell if your response has been collected. The background color of your box will not change; it will still be based on the last digit of your remote ID number as described above. You can use any character to compose your screen name and the software will allow people to have the same screen name. For example: ABC, jim, Sue, ^&*, _-, ;), 345 are all valid screen names.

A good choice for your screen name is your 3 letter initials. The software can display up to 9 characters in the box but the default setting is 3 and as you display more characters the size gets smaller. Therefore, we recommend you limit your screen name to 3 characters. You can choose your screen name using in the e-mail message as described above.
Concept Index

(Index is nonexistent)