

Response Device and Settings Management

This chapter discusses the installation and management of the Response Devices available to the audience, the second of the five steps to presentation success. Additionally, this chapter describes the various settings available for customizing a presentation.

The audience responds to interactive presentations with a response device. You can license response devices from Turning Technologies for use with TurningPoint. These response devices include:

Response Device

Description



Responsive Innovations' ResponseCard IR—a compact response device that uses infrared technology to send audience responses.



Responsive Innovations' ResponseCard XL—a compact response device that uses infrared technology to send audience responses. It also allows for self-paced testing, which lets students enter responses to many different questions on the card's LCD then transmit all the answers at once.

Response Device**Description**

Responsive Innovations' ResponseCard RF—a compact response device that uses radio frequency technology to send audience responses.



Responsive Innovations' ResponseCard XR —a compact response device that uses radio frequency technology to send audience responses. It also allows for self-paced testing, which lets students enter responses to many different questions on the card's multi-line LCD, then transmit all the answers at once.



Turning Technologies' ResponseWare Web—a virtual keypad, run from a web browser or installed on Blackberry® and iPhone® devices.

Install Devices

Users interact with a TurningPoint presentation using response devices that communicate through a receiver, or over a network or the internet.

Response device receivers are connected directly to the computer that will be used to run the presentation. This section includes instructions to install the device receivers.

This section describes how to:

- *Install Infrared Response Device Receiver*
- *Install Radio Frequency Response Device Receiver*
- *Install the vPad Response Software*

Install Infrared Response Device Receiver

The ResponseCards IR and XL communicate with TurningPoint using infrared technology. The receiver accepts the signal produced by the individual ResponseCards and passes the response to TurningPoint.

Before You Begin

The receiver must be installed on the machine that will be used to run the presentation.

Step by Step Instructions To install the infrared response device receiver...

- 1 Connect the device receiver to the USB port of the presentation computer.
 - Connect the USB Response Device Receiver to the computer. The device is now ready for use.
- 2 Place the receiver in an unobstructed area at the front of the room.
 - The receiver operates on a “line of sight” and needs to be positioned so it can receive the signal from the response devices. You may want to elevate the receiver so it can be seen by everyone.

Note The effective range of an infrared device receiver is about 90 feet (27meters). You will need to install one receiver for every 80 participants.

Use more than one receiver during your presentation if your room size or participant size exceeds these maximum specifications. Contact Turning Technologies for suggested receiver layout plans.

Next Steps

Go to **Response Device Management** on page 41 to manage the settings for the response devices.

The use of a Response Grid will help to alert you of a non-communicating Infrared response device. Find more information in **View Polling Status** on page 126.

Step by Step Instructions To Check Device Communication...

- 1 From the TurningPoint toolbar, select Tools > Settings.
- 2 Select Polling Test.
 - TurningPoint opens the Polling Test window. Use this window to verify that TurningPoint can receive responses from the devices.

- 3 Select the Start Test button.
- 4 Press a key on each response device to be used.
- 5 Select the End Test button.
- 6 Close the Settings window.

Install Radio Frequency Response Device Receiver

The ResponseCards RF and XR communicate with TurningPoint using a radio frequency. The receiver accepts the signal produced by the individual ResponseCards and passes the response to TurningPoint.

Before You Begin

The receiver must be installed on the machine that will be used to run the presentation.

Step by Step Instructions To install the radio frequency response device receiver...

- 1 Connect the device receiver to the USB port of the presentation computer.
 - Connect the USB Response Device Receiver to your computer. The device is now ready for use.

Note The effective range of most RF Receivers is about 200 feet (60 meters) and the Long Range Receiver is about 400 feet (120 meters). A single receiver is sufficient for up to 1000 ResponseCards, and a direct line of sight between the receiver and the ResponseCard is not necessary.

Use more than one receiver during your presentation if your room size or participant size exceeds these maximum specifications. Contact Turning Technologies for suggested receiver layout plans.

Next Steps

Go to **Response Device Management** on page 41 to manage the settings for the response devices.

If an audience member's device is not being accepted, check the device's ability to communicate. Radio Frequency response devices provide on-screen confirmation that responses have been received.

Step by Step Instructions To Check Device Communication...

- 1 From the TurningPoint toolbar, select Tools > Settings.
 - The Settings window opens.
- 2 Select Polling Test.
 - TurningPoint opens the Polling Test window. Use this window to verify that TurningPoint can receive responses from the devices.
- 3 Select the Start Test button.
 - TurningPoint is now ready to accept responses from the response devices.
- 4 Press a key on each response device to be used.
 - TurningPoint displays the Device ID, and the key entry from each response device in the order in which they were tested.
- 5 Select the End Test button.
 - TurningPoint ends Polling test.
- 6 Close the Settings window.
 - The device communication check is now complete.

Response Device Management

Each audience participant uses a device to respond to questions asked during the presentation. TurningPoint needs to know what types of response devices will be used before you run the presentation. Access the Response Device settings to confirm TurningPoint is configured to your needs.

This section describes how to:

- **Add or Update Response Device Receivers**
- **Enable vPad**
- **Check Device Communication**
- **Identify the Number of Devices to be Used**

Add or Update Response Device Receivers

You may need to access the Response Device settings when you change the response device receivers.

Before You Begin

You must have TurningPoint installed on the computer to be used for the presentations and response device receiver and ResponseCards at hand.

Step by Step Instructions

- 1 Connect the device receiver to the USB port of the presentation computer.
 - Connect the USB Response Device Receiver to your computer. The device is now ready for use.

Next Steps

If an audience member's device is not being accepted, check the device's ability to communicate. Find more information in **Check Device Communication** on page 42. Radio Frequency response devices provide on-screen confirmation that responses have been received. For infrared response devices, the use of a Response Grid will help to alert you of a non-communicating device. Find more information in **View Polling Status** on page 126.

Setting Up ResponseWare Connections

This section will cover the steps to setup TurningPoint for communication between the application and the ResponseWare server.

Step by Step Instructions

- 1 On the TurningPoint toolbar Click **Tools > ResponseWare**.
 - The main ResponseWare screen opens.
- 2 Enter your ResponseWare **Username, Password and Event Code** if applicable.
- 3 Click **Login**.
- 4 Read the Privacy Statement and the Terms of use Agreement and click **Accept** if you agree.
 - You are now connected to the ResponseWare server.

Check Device Communication

You should test the communication between a device and TurningPoint if an audience member's response is not being accepted during a live presentation. Radio Frequency and ResponseWare response devices provide on-screen confirmation that responses have been received. For infrared response devices, the use of a Response Grid will help to alert you of a non-communicating device. Find more information in **View Polling Status** on page 126.

Before You Begin

Ensure the device receiver is properly installed and the device to be tested is available.

Step by Step Instructions

 To test for device communication...

- 1 From the TurningPoint toolbar, select Tools > Settings.
 - The Settings window opens.
- 2 Select Polling Test.
 - TurningPoint displays the Polling Test window. Use this window to verify that TurningPoint can receive responses from the devices.
- 3 Select the Start Test button.
 - TurningPoint is now ready to accept responses from the response devices.
- 4 Press a key on each response device to be used.
 - TurningPoint displays the Device ID, and the key entry from each response device in the order in which they were tested.
- 5 Select the End Test button.
 - TurningPoint ends Polling test.
- 6 Close the Settings window.
 - The device communication check is now complete.

Identify the Number of Devices to be Used

Access the Response Device settings whenever you need to change the number of expected devices. TurningPoint uses the number of expected devices when choosing Simulated Data.

Step by Step Instructions

 To increase or decrease the expected devices...

- 1 From the TurningPoint toolbar, select Tools > Settings.
 - The Settings window opens.
- 2 Select Response Devices from the Settings Hierarchy.
 - The available response device settings display in the right pane of the window.
- 3 Enter the number of expected response devices.
 - a Find Expected Devices under the ResponseCard Misc settings.
 - b Select Expected Devices.

A text box opens.

Note You cannot exceed the number of licensed devices. For example, if you enter the number of expected devices as 60 in this region, but TurningPoint is licensed for 50 devices, only 50 devices can be used during the presentation.

This does not apply to presenters with an unlimited license. They can use as many response devices as they choose.

- c Enter the number of expected devices.
 - d Press the Enter key.
- 4 Close the Settings Window.
- The expected number of response devices has been updated.

Next Steps

Optionally, test your response device communication by selecting the Polling Test tab from the Settings window. Find more information in **Check Device Communication** on page 42.

Settings

TurningPoint allows you to view and modify various settings from the Settings window. To access the Settings window, select Tools from the TurningPoint toolbar and settings.

You can adjust the settings in the Settings window:

The Settings window contains two tabs: Settings and Polling Test. See ***Check Device Communication*** on page 42 for more information on Polling Test.

The Settings tab displays a Settings Hierarchy in the left pane of the window which allows you to change the settings for Application, Response Devices, Presentation, Slide or an Answer. The right pane of the window lists the settings. The settings are grouped by type and listed alphabetically. The name of each setting is in the left portion of the right pane and its value is on the right. Some settings may allow you to enter a value, while others will offer a drop-down menu to select from several choices.

At the bottom of the Settings window is a region that displays a detailed description of a setting when you select it. You can use these descriptions or the following pages to learn about the settings.

The Reset all Settings button allows you to return the settings back to the default installation state.

The section describes:

- ***Application Settings***
- ***Response Devices Settings***
- ***Presentation Settings***
- ***Slide Settings***
- ***Answer Settings***

Application Settings

Application contains settings that affect how TurningPoint functions. The list below contains detailed information for each setting.

Application Settings

Allows you to view and change application settings.

Setting	Description
File Location	Determine the default location to save your sessions. The default setting is Documents. To change the location: 1.) Select Change to open a dialog box. 2.) Choose a file location. 3.) Select Open. To restore to the initial default location, click the Reset All Settings button.

Shortcut Keys

Allows you to view and change various shortcut key settings. To change the default key strokes: 1.) Select the shortcut key to be changed. 2.) Select Change to open a dialog box. 3.) Select the new keystrokes. 4.) Select Save.

Setting	Description
Start Slide Show	Determines what keystrokes Start the TurningPoint Slide Show.
Showbar	Determines what keystrokes display and/or hide the Showbar during your interactive presentation.
Open Polling	Determines what keystrokes open polling and allow participants to provide responses to your interactive presentation.

Setting	Description
Close Polling	Determines what keystrokes close polling and allow participants to provide responses to your interactive presentation.
Repoll The Current Slide	Determines what keystrokes clear the responses and enable you to accept new responses from the audience for the currently displayed question. Both the original responses and the new responses are stored in the session file.
Response Grid	Determines what keystrokes open a Response Grid on the screen and allow you to see which participants have responded to the question.
Non-response Grid	Determines what keystrokes open a Non-Response Grid on the screen. As each participant responds, their response box is removed from the grid.
Participant Monitor	Determines what keystrokes open the Participant Monitor.
Feedback and Messaging	Determines what keystrokes opens and/or closes Feedback and Messaging.
Toggle Percents/Counts	Determines what keystrokes change the values displayed on each chart. The values can be represented as either numbers or percents.

Response Devices Settings

Response Devices contains settings for the response devices compatible with TurningPoint. The list below contains more detailed information for each setting.

ResponseCard Misc

Allows you to view and change various response card settings.

Setting	Description
Force Channel Change	Determines whether to force the Receiver Channel to change at the time of connection to the computer. The default is set at False and will force TurningPoint to accept the channel from the receiver. True will set the receiver to the first available slot in TurningPoint.
Expected Devices	Displays the number of Response Devices that you expect to be used during the presentation. This is only required when using SimulatedData.

Setting	Description
Enforce Participant List	Determines whether only members of a Participant List can respond during a presentation or if anyone with a response device can respond. The default is set to True, which allows you to exclude the responses from participants who are not in the loaded Participant List. When set to false, all participants' responses will be accepted, and responses from participants who are not in the loaded Participant List will be appended to the end of that list.
Overwrite User Information	Determines whether participant data received from a response device will overwrite the matching fields in the Participant List. The default is set to False, which will not overwrite the Participant List.

ResponseCard Channels

Allows you to view the Response Receiver settings.

Setting	Description
Receiver	Displays Receiver ID and receiver Channels of the receivers connected to computer

Presentation Settings

Presentation contains settings for the creation of slides, the way they are displayed, and other TurningPoint options. If you change a presentation-level setting, the change applies to all slides you create in the future and, in some cases, in the currently opened presentation.

Response Reminders Settings

Enables you to view and set the Response Reminders setting.

Setting	Description
Countdown Seconds	Set the number of seconds a Countdown object will display. The acceptable range is 1-999. The default is set at 10 seconds.

Correct Answer Indicators

Enables you to view and change Correct Answer Indicator settings.

Setting	Description
Delay	Determines the number of seconds between the end of polling and displaying the Correct Answer Indicator. The range can be from 0 to 20 seconds. The default is set at 4 seconds.

Showbar

Enables you to view and change Showbar settings.

Setting	Description
Use Second Monitor	Determines if the Showbar is displayed on the secondary monitor if available. The default is set to False, which does not display the Showbar on the secondary monitor.
Display Showbar	Determines if the Showbar is visible during a SlideShow. The default is set to True, which displays the Showbar.
Expand Showbar	Determines if the Showbar is displayed in its expanded state. The default is set to True, which displays the Showbar in its expanded state.

Response/Non-Response Grid Settings

Enables you to view and set the Response/Non-Response Grid Settings. To change Grid Colors: 1.) Select the current color to display the Color Select window. 2.) Select the new color. 3.) Close the window.

Setting	Description
Auto Size Grid	Determines whether the Response/Non-Response Grid will automatically resize to fit the screen. The default is set to True, which automatically resizes the Response/Non-Response Grid.
Maximum Grid Width	Determines the maximum width, in pixels, of the Response/Non-Response Grid when the Auto Size Grid is set to False. The default size is set to 800.

Setting	Description
Maximum Grid Height	Determines the maximum height, in pixels, of the Response/Non-Response Grid when the Auto Size Grid is set to False. The default size is set to 600.
Use Second Monitor	Determines if the grid is displayed on secondary monitor if available. The default is set to False, which does not display the Showbar on the secondary monitor.
Grid Rotation Interval	Determines the number of seconds a Response/Non-Response Grid will pause between intervals. The acceptable range is 0.5 to 10 seconds. The default is set at 2.
Display Participant Names	Determines if Participant names will be displayed in the Response/Non-Response Grid. The default is set to True, which will display the Participant Names
Cell Background Colors 1-4	Determines the colors that will be used for the Response/Non-Response Grid's cell background colors 1-4.
Grid Background Color	Determines the color that will be used for the Response/Non-Response Grid's background color.
Grid Cell Text Color	Determines the color of the text that will be used in the Response/Non-Response Grid.
Grid Opacity	Determines how transparent or opaque the Response/Non-Response Grid is displayed. Move the slider to the right to increase opacity and to the left to decrease opacity.

Slide Settings

Slide settings affect specific slides and answers. The slide settings apply to the slide selected from the Settings Hierarchy (and the particular answer, if applicable).

Slide Settings

Enables you to view and set Slide settings.

Setting	Description
Demographic	Determines if the question on the selected slide is treated as a demographic question. The default is set to False, which does not treat the question as demographic.
Question Alias	Determines how the question is labeled. This applies only to some reports. The default is set to how the question appears on the slide.

Answer Settings

Answer-level settings affect specific answers. The answer settings apply to the answer selected from the Settings Hierarchy.

Answer Settings

This enables you to view and change the Answer settings.

Setting	Description
Answer Alias	Determines the Alias (Name) that is used for the chart labels and in some reports. The default is set to the answers entered during slide creation.
Answer Value	Determines whether the Answer is Correct, Incorrect, No Value, or has a point value of zero through 10,000. The default is set to No Value.

Where Do I Go From Here?

If you are setting up devices for the first time, the next step is to create a Participant List. A Participant List allows you to track the responses provided by your audience for each slide you present. Find instructions to create a Participant List in **Chapter 5: Track Participants**.

If you have installed new response device hardware, and you have already set up your Participant List, you can create a new interactive presentation or run an existing presentation using the new device. Find instructions to create slides in **Chapter 3: Creating and Saving Slides**. Find instructions to run a presentation in **Chapter 7: Run Presentations**.