

ResponseCard AnyWhere Display



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Product Overview

ResponseCard AnyWhere Display gives you the ability to show your audience the results collected from ResponseCard AnyWhere. This portability allows you to keep the audience engaged in a relaxed environment.

- Communicates with ResponseCard AnyWhere device with a simple click of the “Display” button
- S-Video or Composite video output
- Multiple chart selections
- General Purpose Timer
- Transmit results from up to 200ft away
- Up to 10 display devices can be used by one presenter
- USB Connection to update the firmware easily
- Dimensions 3.6” x 5.75” x 1.25”
- Weighs 12.6 ounces
- The attached cable set is 4 feet 6 inches.
- Plug in adapter rated 100-240V, 50-60Hz, 0.5A
- Supports up to 82 RF channels

Technical Requirements

- Power input of 5V 0.5A (0,5A)
- S-video or Composite Connectivity
- NTSC or PAL compatible TV format or Projector System
- ResponseCard AnyWhere with firmware version 1.0.2 or greater

3-Minute Setup!

Before you can display the results to your participants you must first ensure that your ResponseCard Display and ResponseCard AnyWhere are setup properly. This section outlines these simple steps in the following order:

- Connecting ResponseCard AnyWhere Display
- Determine the Proper Video Mode of Your Television
- Enable ResponseCard AnyWhere to Communicate with ResponseCard Display
- Radio Frequency Channel Settings
- Configuring the Display ID(s)

Connecting ResponseCard AnyWhere Display

Your ResponseCard AnyWhere Display can be connected to your TV or projector system using either S-Video or Composite connections.

Of the two options, S-Video provides the best quality output. You may only have one of the two cables plugged into your TV or projector at any one time.

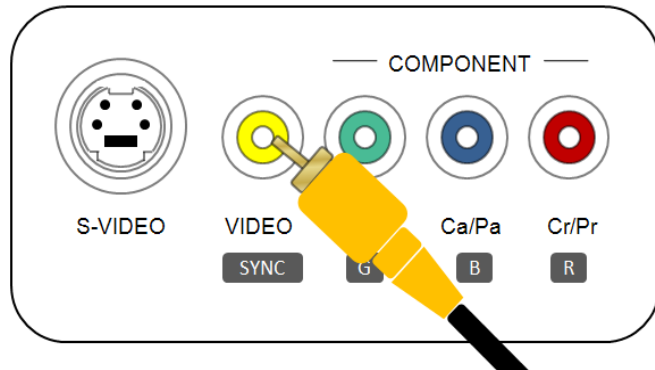
If you have both cables connected simultaneously you may experience poor quality output and possibly complete interference on your screen. Disconnect one of the cables and repower the ResponseCard AnyWhere Display device.

For your convenience the cables connected to the ResponseCard Display are color-coded for easy identification.

Cable Color	Cable Use
Blue	S-Video Connection
Yellow	Composite Video Connection
Gray	USB Connection for Firmware Updates
Black	Power Connection

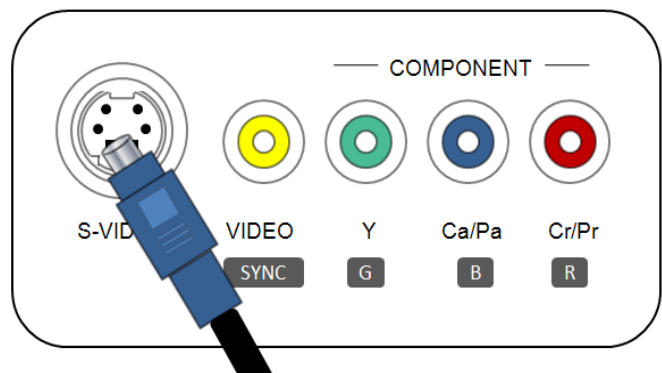
Composite Connection

Composite Connection

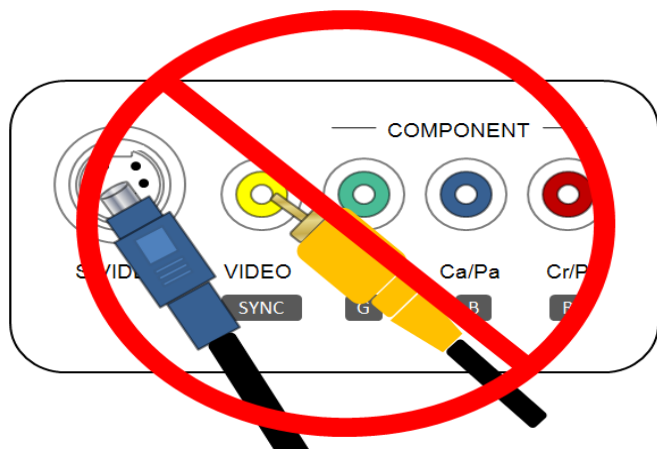


S-Video Connection

S-Video Connection



ONLY USE ONE CONNECTION



Determine the Proper Video Mode of Your Television

In the United States and many other countries in the western hemisphere, your television is most likely configured for a video format called NTSC (National Television System Committee).

In many European countries televisions are configured for PAL (Phase Alternating Line).

ResponseCard Display is shipped to you configured for NTSC. To switch from NTSC to PAL Mode, follow the instructions outlined below.

Step by Step Instructions

To switch from NTSC Mode to PAL Mode.

- 1 **Press and hold Menu** on the ResponseCard Display

- 2 Unplug the power supply and plug it back in while continuing to hold the Menu button down

The television screen displays NTSC.



- 3 Press the Down Arrow on the ResponseCard Display

The television screen changes to display PAL.



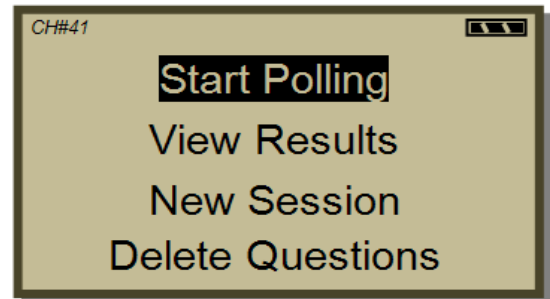
- 4 Press Menu to save the change from NTSC Mode to PAL Mode

Note This setting only needs to be configured once. To switch back to NTSC Mode repeat steps 1- 4, but press the Up Arrow in step 3 to select NTSC Mode.

Enable ResponseCard AnyWhere to Communicate with ResponseCard Display

Step by Step Instructions

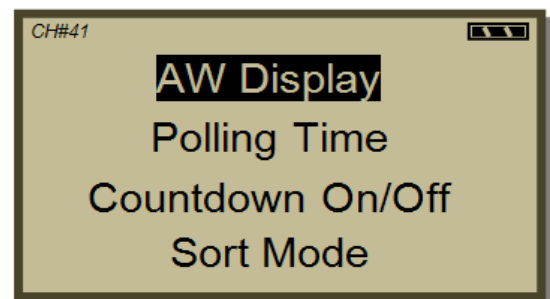
- 1 Press **MENU/OK** on ResponseCard AnyWhere to view Main Menu



- 2 Use the **Down Arrow** to highlight "Setup"

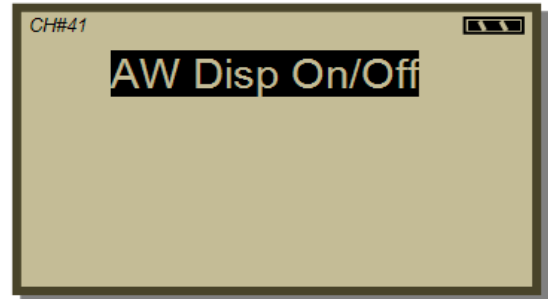


- 3 Press **MENU/OK** "AW Display" is highlighted



4 Press **MENU/OK**

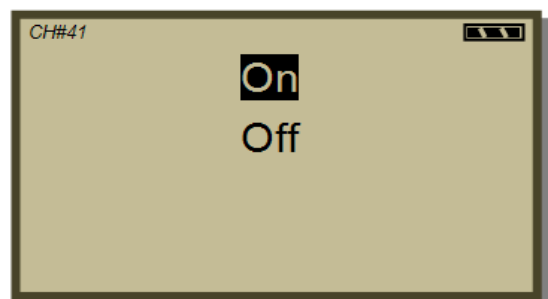
“AW Disp On/Off” is highlighted



5 Press **MENU/OK**



6 Use the **Up Arrow** to highlight “On”



- 7 Press **MENU/OK**

You receive confirmation of your selection and are returned to the Main Menu.



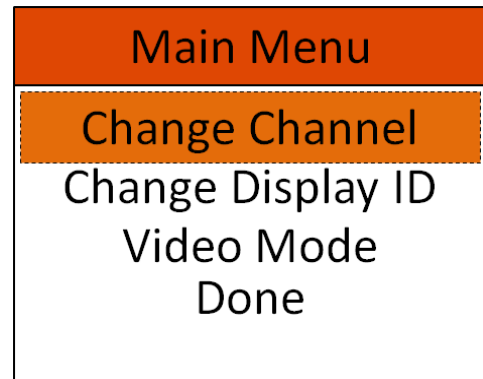
Radio Frequency Channel Settings

ResponseCard AnyWhere, ResponseCard Display and the RF ResponseCards must all be on the same radio frequency channel. By default all of the equipment is shipped to you on channel 41. However, there are 82 RF channels available from which to choose.

Setting the Channel on the Display Unit

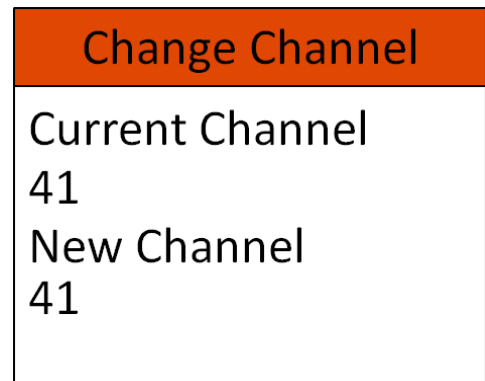
Step by Step Instructions

- 1 Press **Menu** on ResponseCard Display The Main Menu appears...



- 2 Press **Menu** again while “Change Channel” is highlighted

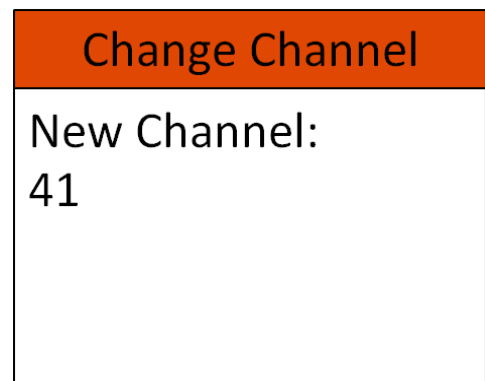
Current Channel and New Channel are displayed.



- 3 Press **UP** to select up to channel 82 or **DOWN** to choose down to channel 1

- 4 Press **Menu** once the desired channel is selected

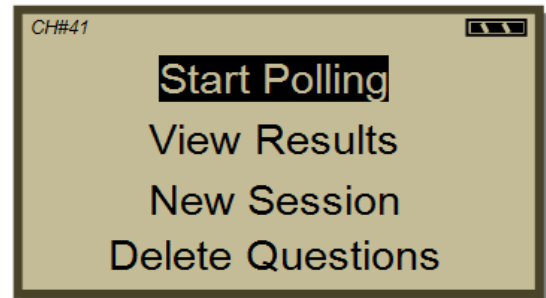
Confirmation of the new channel is displayed. After two seconds the screensaver appears with the new channel number.



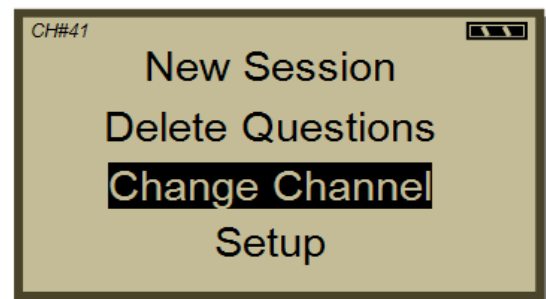
Setting the Channel on the ResponseCard AnyWhere

Step by Step Instructions

- 1 Press **MENU/OK** on the ResponseCard AnyWhere
- The Main Menu appears...

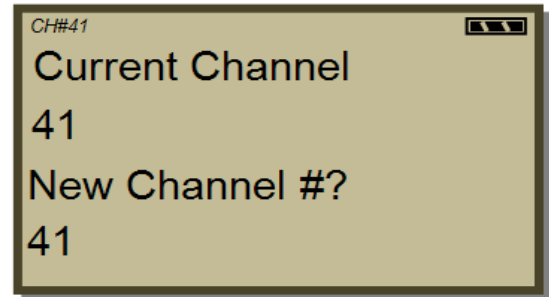


- 2 Use the **Down Arrow** to highlight "Change Channel"



- 3 Press **MENU/OK**

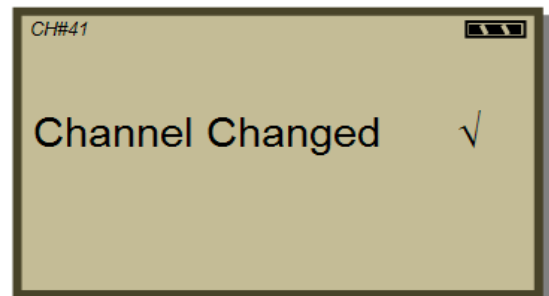
Current Channel and New Channel are displayed.



- 4 Use **UP** to select up to channel 82 or **DOWN** to choose down to channel 1

- 5 Press **MENU/OK** once the desired channel is selected

Confirmation of the new channel is displayed. You are returned to the Main Menu.



Setting the Channel on the RF ResponseCards

Step by Step Instructions

- 1 Press **GO** on the RF ResponseCard

The LED on the ResponseCard will flash Red and Green.
- 2 Enter the **two-digit channel number**
- 3 Press **GO**

A Green flash of the LED indicates that the channel has been successfully changed.

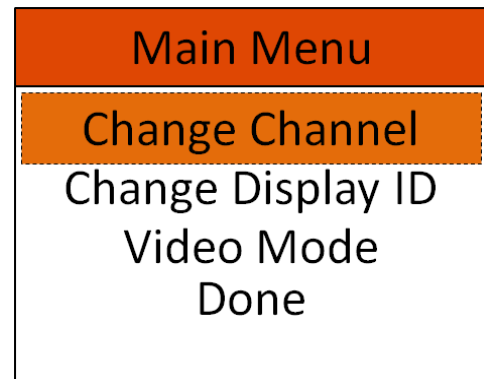
Configuring the Display Unit ID(s)

If more than one ResponseCard Display is being used (typically for larger audiences where more than one TV is needed for viewing) each ResponseCard Display must be set to an individual Unit ID. You may have up to ten ResponseCard Displays for each ResponseCard AnyWhere. Each ResponseCard Display must be programmed to the same channel as the ResponseCard AnyWhere. For Channel Setting instructions see *Radio Frequency Channel Settings* on page 13.

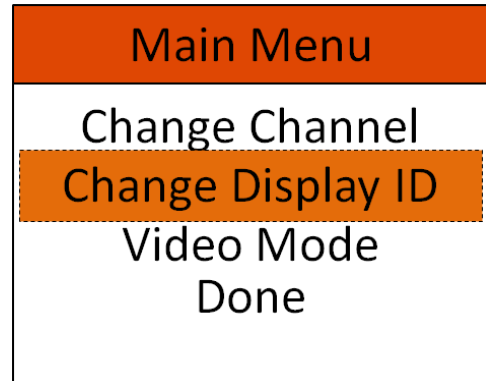
Setting a Unit ID for the Display Unit

Step by Step Instructions

- 1 Press **Menu** on ResponseCard Display The Main Menu appears...

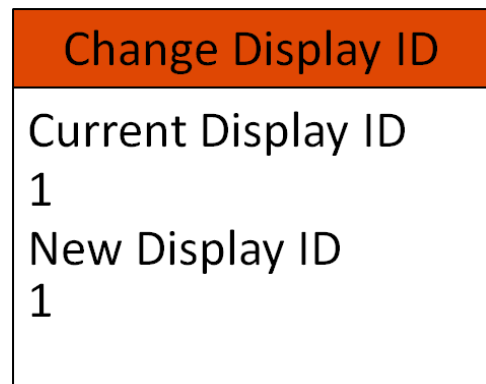


- 2 Use **DOWN** to highlight "Change Display ID"



- 3 Press **Menu**

Current Display ID and New Display ID are shown.



- 4 Use **UP** to select up to 10 or **DOWN** to select 1

- 5 Press **Menu** once the desired Display ID is selected

Change Display ID
New Display ID: 1

Note Each ResponseCard Display can only have one Display ID. The Unit ID's must start with 1 and be consecutive if you are using more than one ResponseCard Display at a time.

Setting the Number of Display Units on the ResponseCard AnyWhere

ResponseCard AnyWhere must know how many ResponseCard Displays are being used. By default the ResponseCard AnyWhere is set to transmit results to one ResponseCard Display. If you have multiple ResponseCard Displays connected you must adjust the number "AW Display Units" setting in the ResponseCard AnyWhere accordingly.

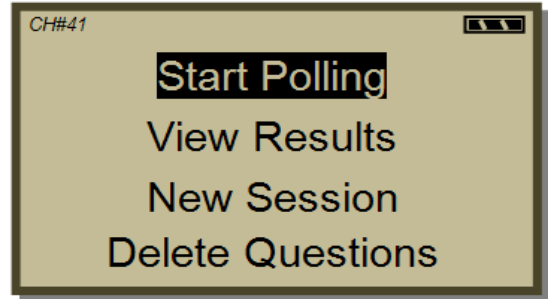
Before You Begin

The "Display" button must be "On." For instructions on how to do this see **Enable ResponseCard AnyWhere to Communicate with ResponseCard Display** on page 10.

Step by Step Instructions

- 1 Press **MENU/OK** on the ResponseCard AnyWhere

The Main Menu appears...

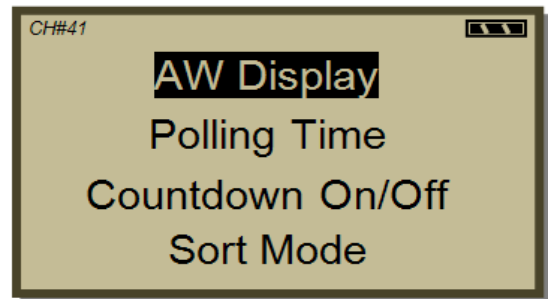


- 2 Use the **Down Arrow** to highlight "Setup"

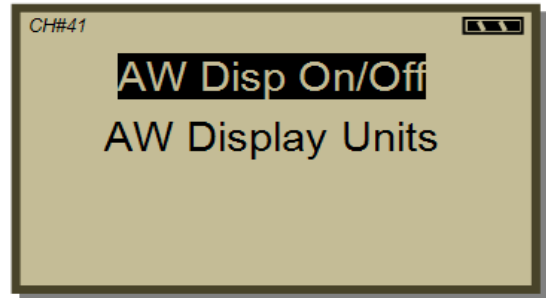


- 3 Press **MENU/OK**

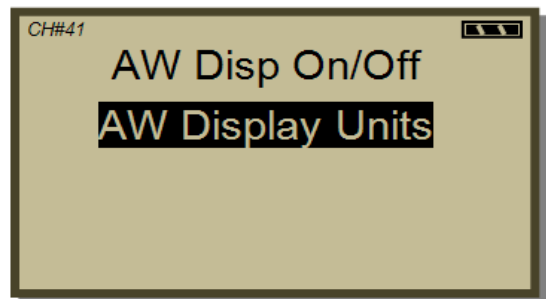
"AW Display" is highlighted



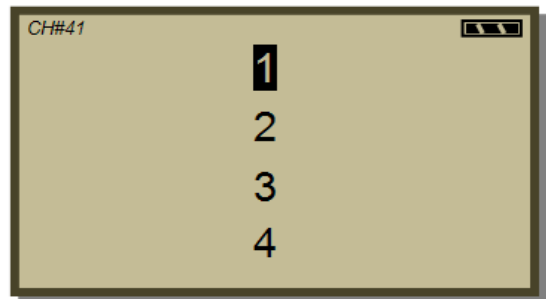
- 4 Press **MENU/OK**



- 5 Use the **Down Arrow** to highlight "AW Display Units"



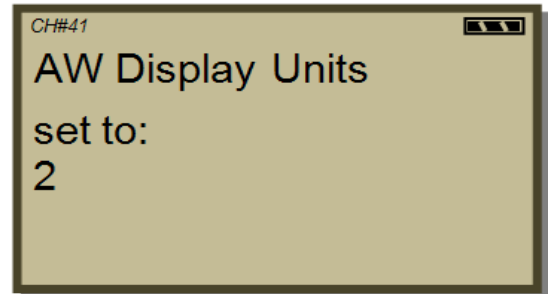
- 6 Press **MENU/OK**



- 7 Use the **UP** or **DOWN Arrows** to select the number of Display Units

- 8 Press **MENU/OK**

Confirmation of your selection is displayed and you are returned to the Main Menu.



Polling Participants

See the ResponseCard AnyWhere User Guide for step by step instructions on polling your audience.

The ResponseCard AnyWhere User Guide is available for download at
<http://www.turningtechnologies.com/groupresponsesystems/support/productguides/manuals.cfm>.

Timers

ResponseCard Display has two types of timers. One is a countdown timer which lets your participants know how much time is remaining for them to cast their vote. The other timer is a general purpose timer. The timer counts up to 18 hours and is displayed on the TV or projection system.

Using a Countdown Timer

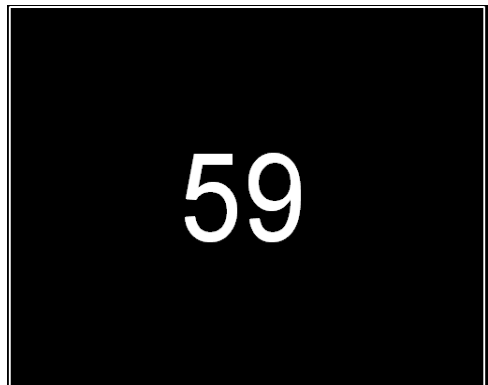
Before You Begin

In order for the countdown timer to appear on ResponseCard Display you must turn the countdown timer “ON” on the ResponseCard AnyWhere. For step by step instructions on how to turn on the countdown timer see the ResponseCard AnyWhere User Guide.

Step by Step Instructions

- 1 Press **MENU/OK** while “Start Polling” is highlighted on the ResponseCard AnyWhere

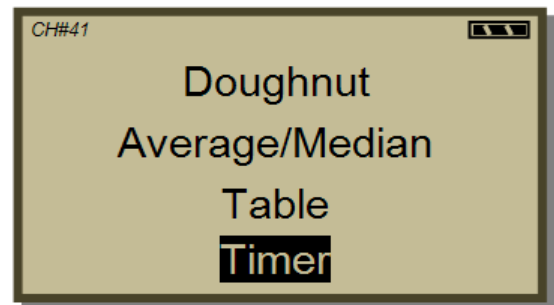
The polling screen is displayed on the ResponseCard AnyWhere, the countdown timer will be displayed on the TV or projection system through the ResponseCard Display.



Using the General Purpose Timer

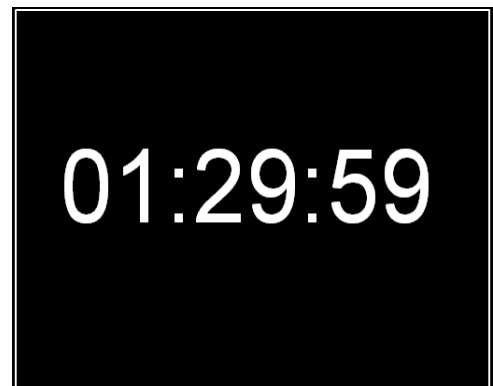
Step by Step Instructions

- 1 Press “**D**” on the ResponseCard AnyWhere
- 2 Use the **UP** or **DOWN Arrows** to highlight “Timer”

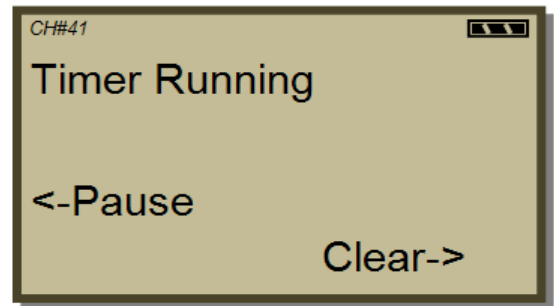


- 3 Press **MENU/OK**

The Timer is displayed on the TV or projection system.



The following screen is displayed on the ResponseCard AnyWhere.



- 4 Press the Left Arrow to Pause the Timer or the Right Arrow to Clear or stop the timer

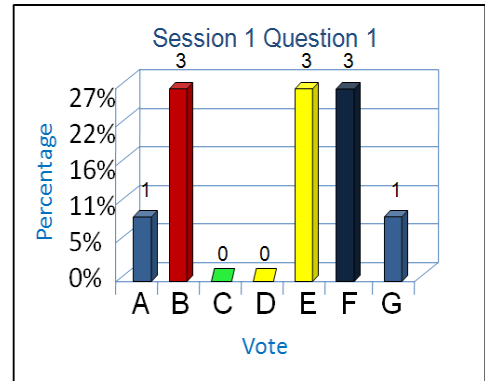
Display Results

Once all the steps in the setup process have been completed and you have polled your participants, you are ready to transmit the results to the ResponseCard Display.

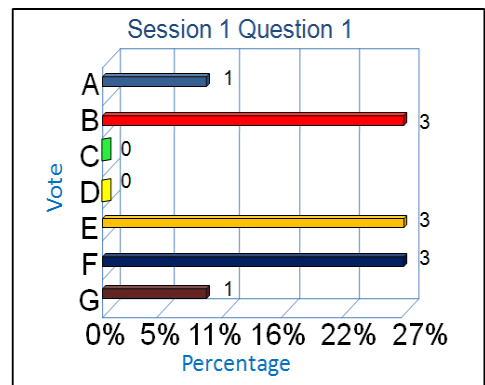
Transmitting Question Results to ResponseCard Display

By default when you press the “D”isplay button the results from the last poll are transmitted. You can also go back and display results from a previously polled question. There are six different chart types available to present your results.

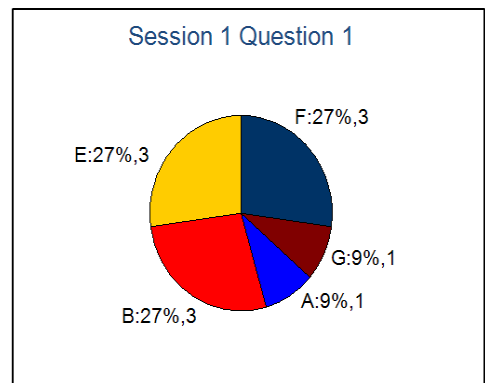
Vertical Chart



Horizontal Chart

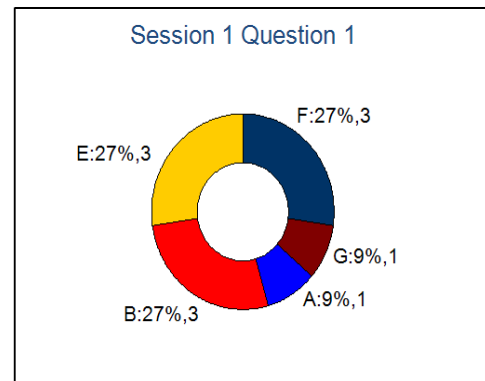


Pie Chart

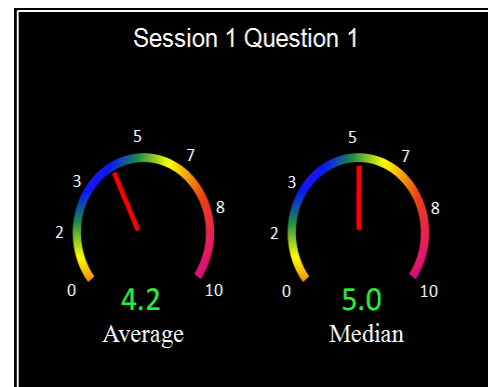


Display Results

Doughnut Chart



Average/Median



Table

Session 1 Question 1		
A	9%	1
B	27%	3
C	0%	0
D	0%	0
E	27%	3
F	27%	3
G	9%	1

Display the Last Question Polled

Before You Begin

The “D”isplay button must be enabled and your ResponseCard AnyWhere must contain results from your audience.

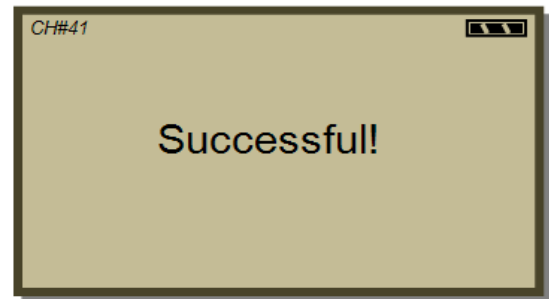
Step by Step Instructions

- 1 Press “**D**” on the ResponseCard AnyWhere
- 2 Use the **UP** or **DOWN Arrows** to select the desired chart type



3 Press MENU/OK

You receive confirmation that the results are transmitted to the ResponseCard Display.



Note To change the display format on the TV or projection system, repeat steps 1-3 and select a different chart type.

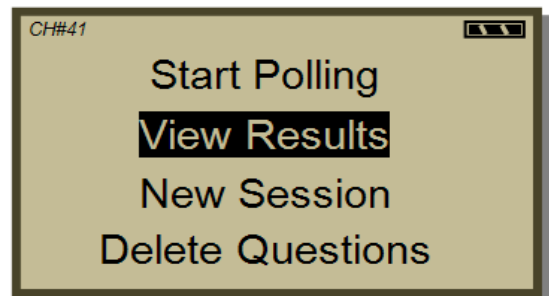
Display Results From a Previously Polled Question

Before You Begin

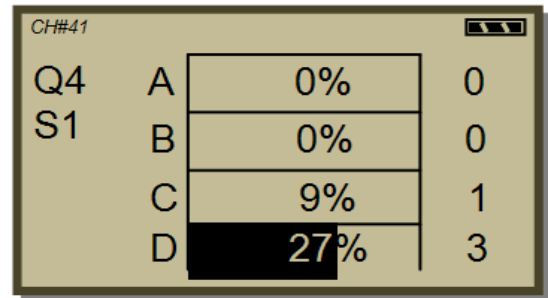
The “Display” button must be enabled and your ResponseCard AnyWhere must contain results from your audience.

Step by Step Instructions

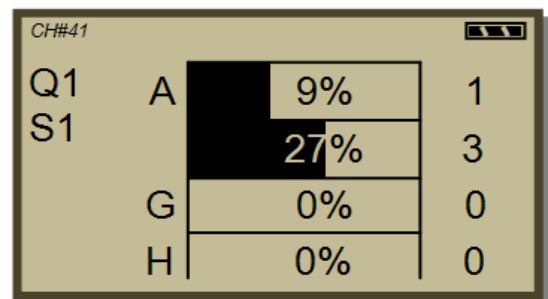
- 1 Use the **DOWN Arrow** to highlight “View Results” on the ResponseCard AnyWhere



- 2 Press **MENU/OK**



- 3 Use the **LEFT or RIGHT Arrows** to scroll to the question you want to display

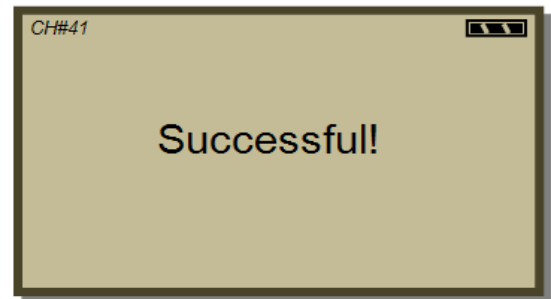


- 4 Press **“D”** on the ResponseCard AnyWhere
- 5 Use the **UP or DOWN Arrows** to select the desired chart type



6 Press **MENU/OK**

You receive confirmation that the results are transmitted to the ResponseCard Display.



Note Repeat steps 1-6 to display other previously polled questions.

Note You can also clear the results from the screen by pressing "D" on the ResponseCard AnyWhere, use the UP and DOWN Arrows to select "Clear Display" and press MENU/OK.

Safety

FCC Statement

This product has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following conditions: it may not cause harmful interference and must accept interference received, including interference that may cause undesired operations.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device should not be connected to a PC with a USB cable exceeding 3 meters in length.

Only connect the ResponseCard AnyWhere Display to the power supply packaged with the unit since compliance was established based on the use of a certified 15W or less power supply with double insulated outputs.