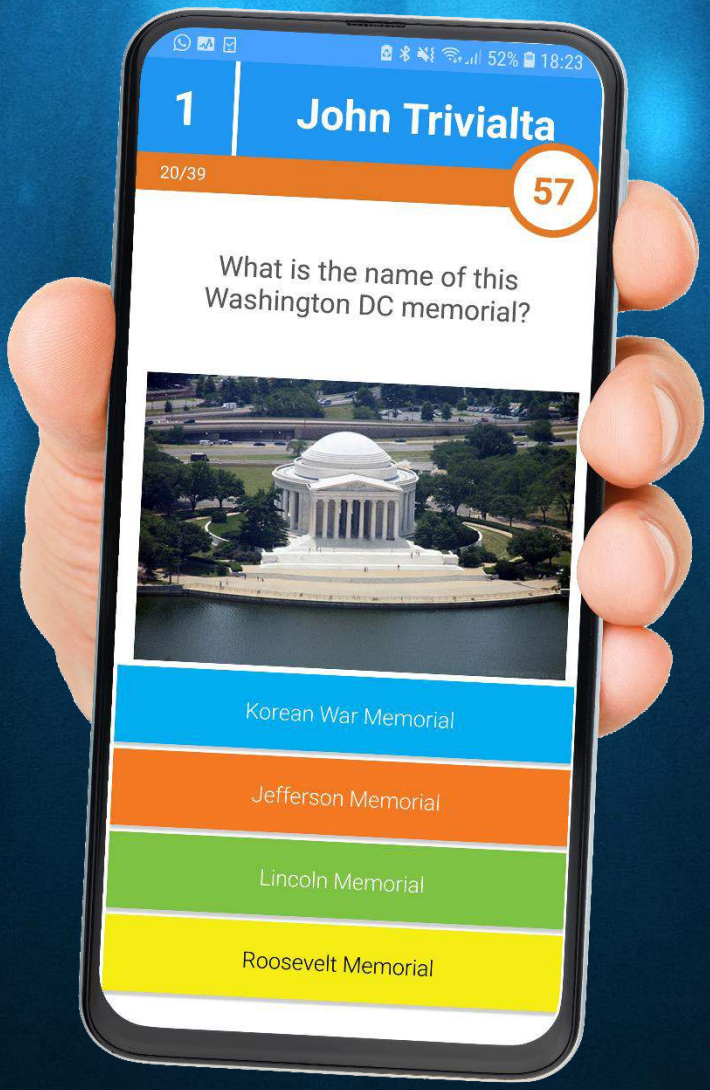
# QuizXpress 6.5




# QuizXpress Mobile

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# Welcome to QuizXpress Mobile!

## Overview

QuizXpress is a platform allowing you to create branded multimedia quizzes using a range of well-known quiz formats and designs. Next to using keypads or various types of LED buzzers, players can also use their mobile phones for playing along with a quiz. Meet QuizXpress Mobile!

There are various ways you can use QuizXpress Mobile. You can play along with a quiz by using the website www.buzzerpad.com / www.buzzerpad.eu or you can use the QuizXpress Smart buzzer app, available for iOS and Android.

Players can use the website www.buzzerpad.com / www.buzzerpad.eu to participate in a quiz running on a local computer using a PIN code to connect. The buzzerpad website is basically a one to one replacement of our physical keypad with 6 multiple choice buttons and a fastest finger button. For this solution to work, a decent internet connection is required.

The QuizXpress Smart Buzzer app is a more advanced solution that does not require an internet connection and which offers an improved end user experience. The Smart Buzzer app also supports playing through the internet using a PIN code.

With the added Mobile phone support QuizXpress now supports the following devices for the participants of a quiz:

| Scenario | | Internet required | Wi-Fi required | Mobile device required | Installation of mobile app required |
|---|---|---|---|---|---|
| **1** | Hardware RF based buzzers | No | No | No | - |
| **2** | Mobile devices on buzzerpad.com through web browser | Yes | No | Yes | No |
| **3** | Mobile device with Smart Buzzer app on local Wi-Fi | No | Yes | Yes | Yes |
| **4** | Mobile device with Smart Buzzer app on buzzerpad.com using PIN | Yes | No | Yes | Yes |

Each scenario has different pros and cons and what to use depends on your specific needs.

| Scenario | Pros | Cons |
|---|---|---|
| **1**<br>**RF keypads** | No external dependencies on the internet, Wi-Fi or mobile devices.<br>Simple to use for players. | No extended input capabilities (only multiple choice ABCDEF and fastest finger) |
| **2**<br>**Browser on buzzerpad.com** | No need to ask the players to install an app. Support for up to 4000 players | No extended input capabilities.<br>Player experience is limited. |
| **3**<br>**App on local Wi-Fi** | Fast low latency communication.<br>Ability to present pictures on mobile device. Support for headless mode (no central screen).<br>Support for extended input types. | With basic infrastructure (standard Wi-Fi router) only small groups of about 50 players are supported. |
| **4** | Support for up to 4000 players<br>Extended input capabilities | More latency, no pictures on device due to bandwidth limitations |

| | |
|---|---|
| **App with full internet** | No local Wi-Fi setup needed |

Some of the high-level features of the QuizXpress Smart Buzzer are:

- Questions and answers are presented on the mobile device including pictures and effects (when playing on a local WiFi router, currently not supported on server mode with PIN code)
- Branding designer to customize the mobile app with logos and colors
- 'Headless' mode to present a quiz without a central screen
- Various new types of questions:
    - Numeric questions (type in a number as the answer)
    - Full text questions
    - First letter questions (A-Z)
- Customizable bonus points for the top 3 players who are fastest answering a question (also available when using keypads or the buzzerpad website)
- Enhanced experience for ordered questions and questions with multiple correct answers. Players can now first order/select the answers on their device and then send the result to QuizXpress in one go.
- Player selectable jingle on mobile device. A jingle is played for the top bonus point winner, for the top ranked player when showing (intermediate) scores and for the player that presses first for a fastest finger question.

With the QuizXpress Director quizmaster remote control app the quizmaster has full control over a running quiz including question details, team scores, QuizXpress mini games control and a sound pad to play customizable sound fragments

Some examples of how you can use QuizXpress Mobile are:

- As an event company, host virtual quizzes for your clients where a quiz is streamed over the internet to thousands of players.
- Organize virtual quiz events and sell tickets to the players beforehand. For ticketed quizzes, players are prompted to enter their ticket code when connecting to the game.
- A DJ presenting a quiz in a local pub that has no 4G coverage. The visitors download the app once and connect to a local Wi-Fi router to play along. The pub has no TV set so the host uses headless mode. The DJ has branded the app to match his own company style using the QuizXpress branding designer.
- A large event company hosts a quiz for a big group. The company does not want the audience to install an app, so they use buzzerpad.com and a PIN code to have people participate. The quiz is presented on a huge screen showing videos, sound and pictures
- Mix keypads with mobile phones so that players can choose themselves whether they prefer a keypad or their mobile phone to play along

# How to connect to and play a Quiz

There are different ways to connect to a quiz. You can play through the internet using a PIN code displayed on screen or connect to a local WiFi access point without any internet access required.

As explained above, there are two ways to play along with a quiz, by using the buzzerpad website or by using the QuizXpress apps, the QuizXpress Smart Buzzer and QuizXpress Director for the quiz master.

## Using the QuizXpress mobile apps

The QuizXpress Smart buzzer app for the players as well as the QuizXpress Director app for the quizmaster are available for both Android and iOS. So players can play along on their mobile phone or on a tablet.

| App | Platform | Link to app store |
|---|---|---|
| **QuizXpress Director** | Android | https://play.google.com/store/apps/details?id=com.gameshowcrew.quizxpressdirector |
| **QuizXpress Director** | iOS | https://play.google.com/store/apps/details?id=com.gameshowcrew.quizxpressdirector&hl=en_US |
| **QuizXpress Smart Buzzer** | Android | https://play.google.com/store/apps/details?id=com.gameshowcrew.quizxpressbuzzer |
| **QuizXpress Smart Buzzer** | iOS | https://apps.apple.com/us/app/quizxpress-smart-buzzer/id1481468798?ign-mpt=uo%3D4 |

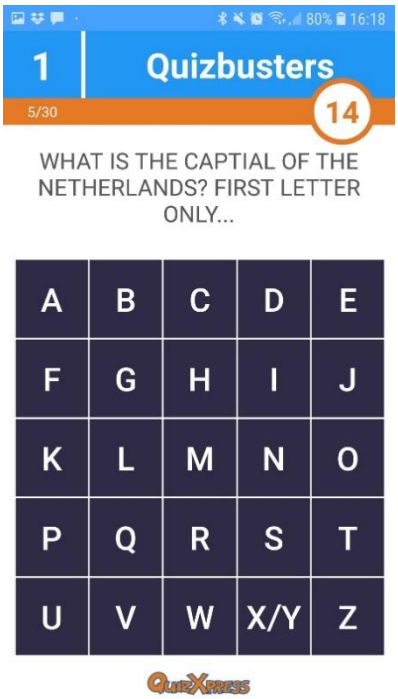
When starting the Smart Buzzer app, initially the logon screen is shown. As a player, you can choose your player name here, connect to a running quiz on WiFi or enter the PIN of a running quiz.

Registration screen. The 'JOIN WIFI...' button is enabled only if the app detects a running QuizXpress session on the local Wi-Fi network.

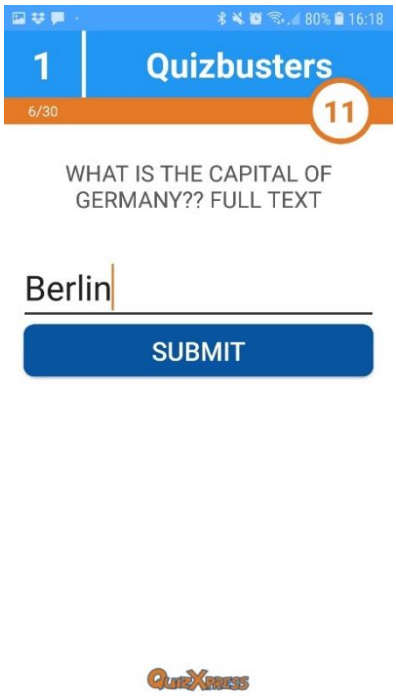
Connect using a PIN code

After connecting, the QuizXpress Smart Buzzer app shows the questions and answers onscreen. Besides this, it supports a range of question types of which you see some samples below.

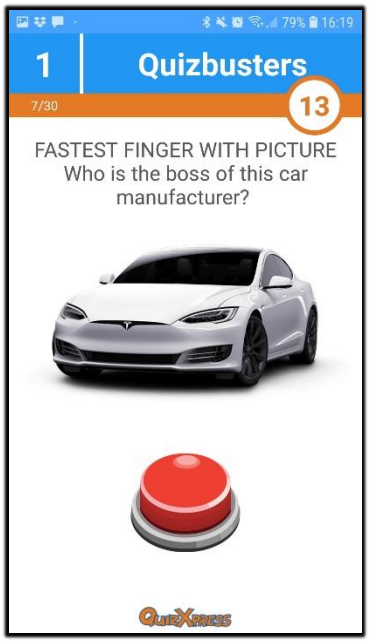
Numeric input



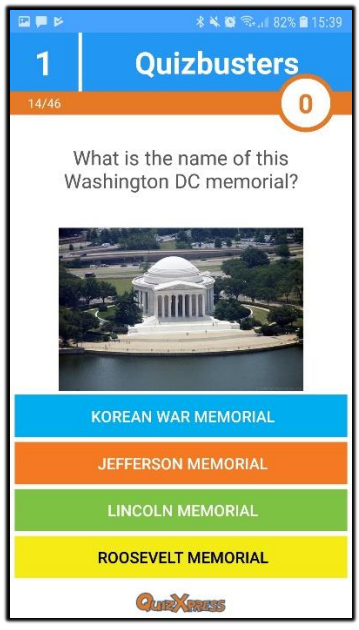

First letter input




Full text input

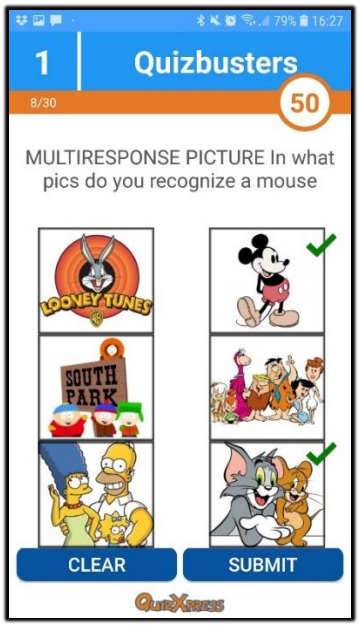



Fastest finger with picture

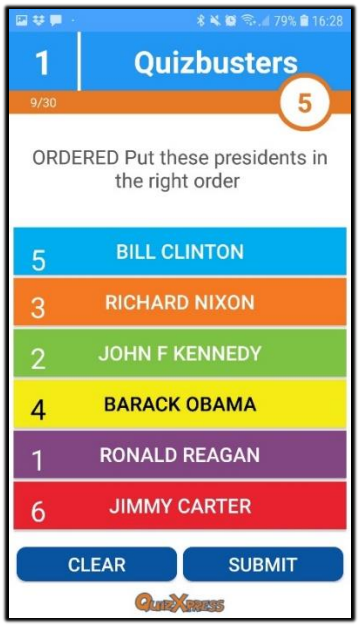



Multiple choice with picture

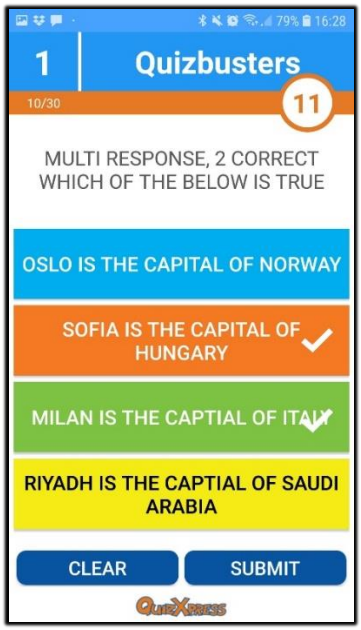
Picture only question




Multiple response with pictures




Ordering question

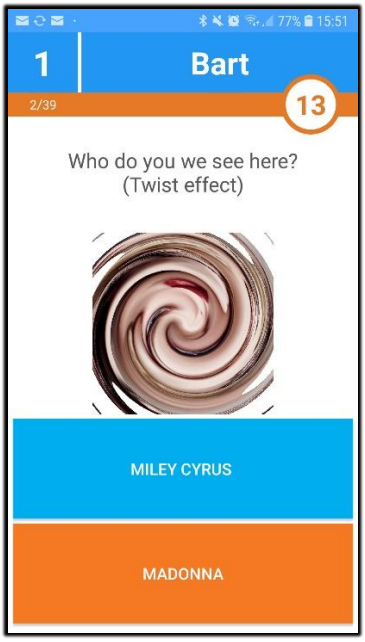



Regular multiple response

The app shows your keypad number, name, current question number, points to be won and the countdown clock on the top right.

*Note: pictures aren't sent to the mobile device when playing with PIN code due to prevent bandwidth issues on the server. When using pictures with PIN, it is possible to set a label for the pictures which will be shown on the mobile device instead.*

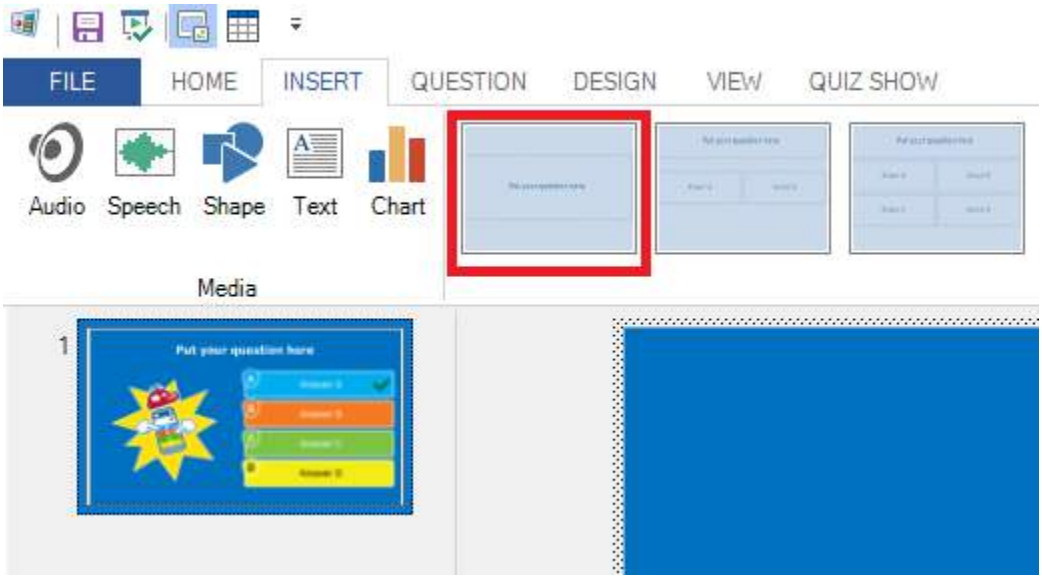
*Picture effects are also supported and are shown on the mobile device in WiFi mode:*



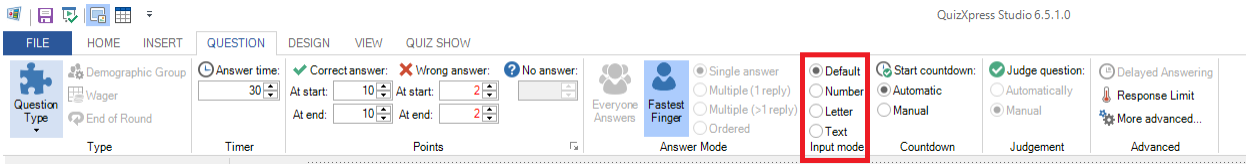
## How to setup the new question types in QuizXpress Studio

The QuizXpress Smart buzzer supports questions with letter, number and full text answers.

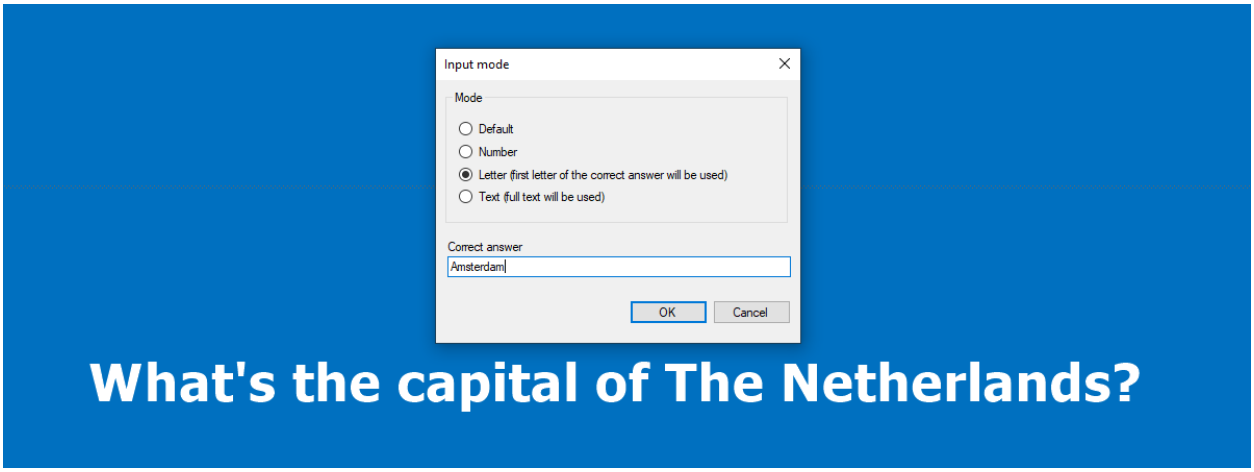
In order to create such a question, first insert a slide with a question only layout in QuizXpress Studio (also referred to as an open question).




Now, on the QUESTION tab, set the input type for the question. Questions of type letter, number or text are only supported when using the Smart Buzzer phone app.




When selecting any of the new input modes you can set the correct answer in the 'input mode' dialog which appears:

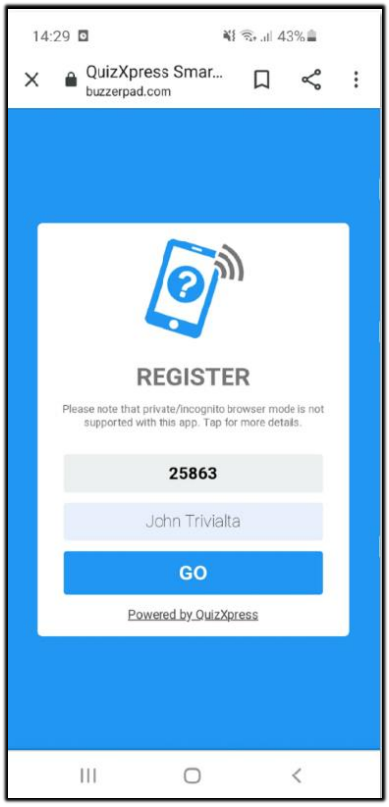


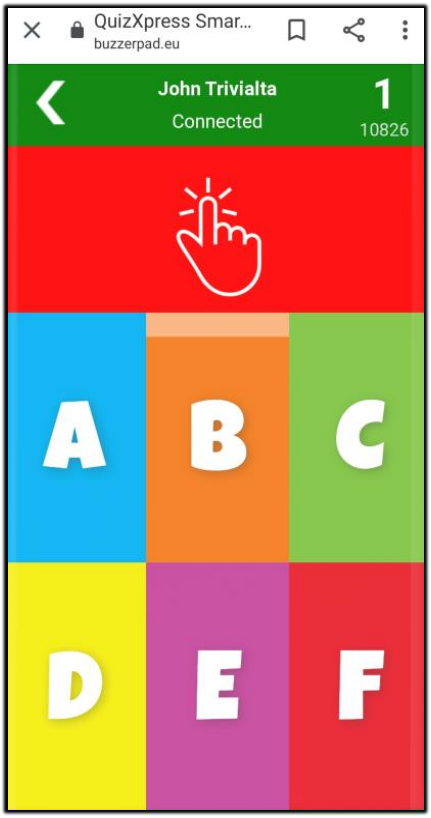
For ‘Letter’ and ‘Text’ type questions enter the full answer. For ‘Letter’ type questions, a letter grid with all letters from the alphabet is presented on the phone. The first letter of the correct answer will be used to determine if the player chose the correct answer. When the question is over, the full answer will be presented on the mobile device.

### Using the buzzerpad.com / buzzerpad.eu websites

When you do not want players to have to install an app, you can let players use the www.buzzerpad.com or www.buzzerpad.eu websites. Depending on the geographical area of the majority of the players we recommend to use www.buzzerpad.com when most of the players are near to America and use www.buzzerpad.eu when most of the players are located nearer to Europe.

When navigating to the buzzerpad website, players see the registration screen. As a player, choose your player name here and press connect. When the phone has connected successfully to the quiz, the multiple-choice keypad is shown with options A-F and a fastest finger button.




## Connection modes

As mentioned above, with the QuizXpress Smart Buzzer app you can connect by PIN or by connecting to a computer running a quiz on WiFi. This section explains this in more detail.

## Play by using a PIN code

Due to the current situation in the world Virtual events are popular. Using QuizXpress Mobile, you can organize virtual quizzes for audiences up to 4000 players! Of course, you can also play onsite in a venue by using a PIN code.

The picture below illustrates how this works.

A Windows computer plays a quiz created in QuizXpress in QuizXpress Live!, the QuizXpress quiz player. The quiz player is shared as part of a stream using a streaming service like YouTube, Twitch, Zoom or Microsoft Teams.

Players watch the stream on their computer (or another device like a Smart TV when using YouTube for example) and connect to the quiz on their mobile phone by either using the QuizXpress Smart Buzzer app or the website www.buzzerpad.com or www.buzzerpad.eu.

The PIN is shown onscreen during the quiz as well as (optionally) the website (if you want your players to play through a browser instead of the Smart Buzzer app):

The Quizmaster has full control over the quiz using the QuizXpress Director app.

### Play a local 'WiFi Game'

If you want to offer players a local connection to the computer without any internet required, connect a router (which we can also provide you with) to your computer and make available a local WiFi network that players can connect to. Once the quiz has been started, the *JOIN WI-FI GAME* button on the Smart Buzzer app becomes enabled and allows players to connect to the quiz.

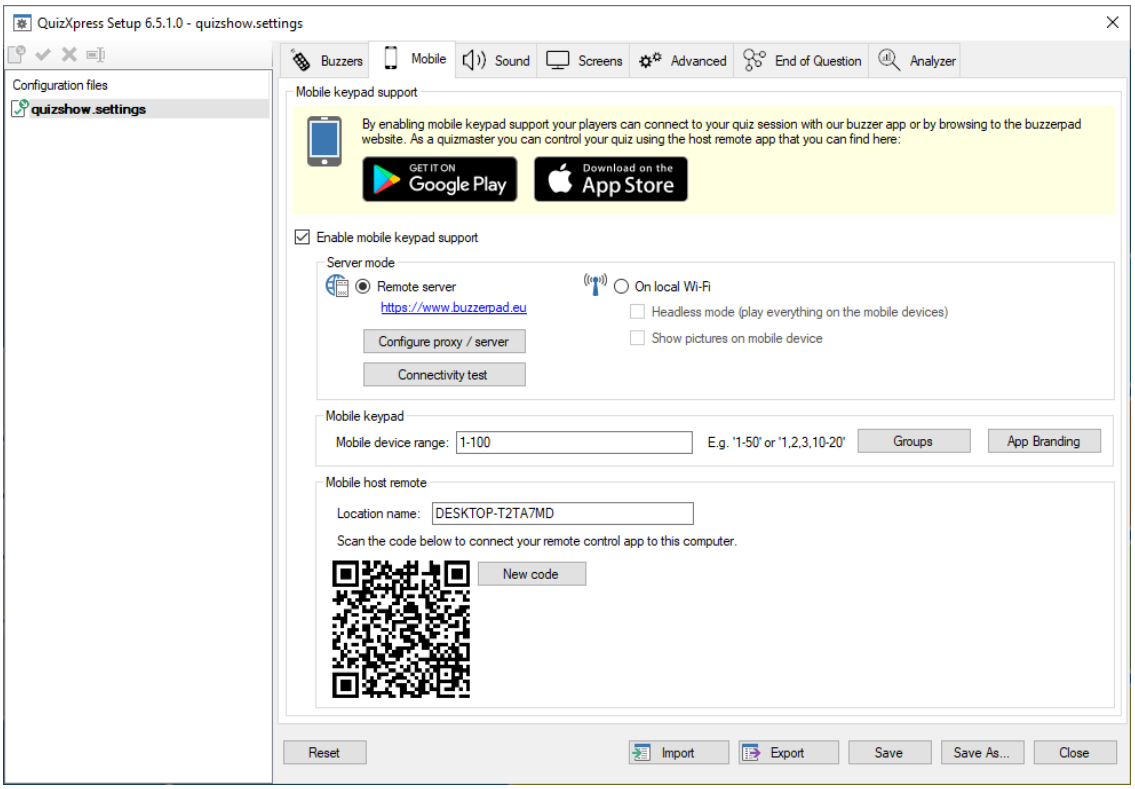
You can choose to connect an external screen to your computer showing the quiz that the players watch or play in 'headless mode' in which case players only watch their phones.

Of course, if you play locally, you can also choose to use our keypads or various types of buzzers.

## Setting up QuizXpress for using mobile pones

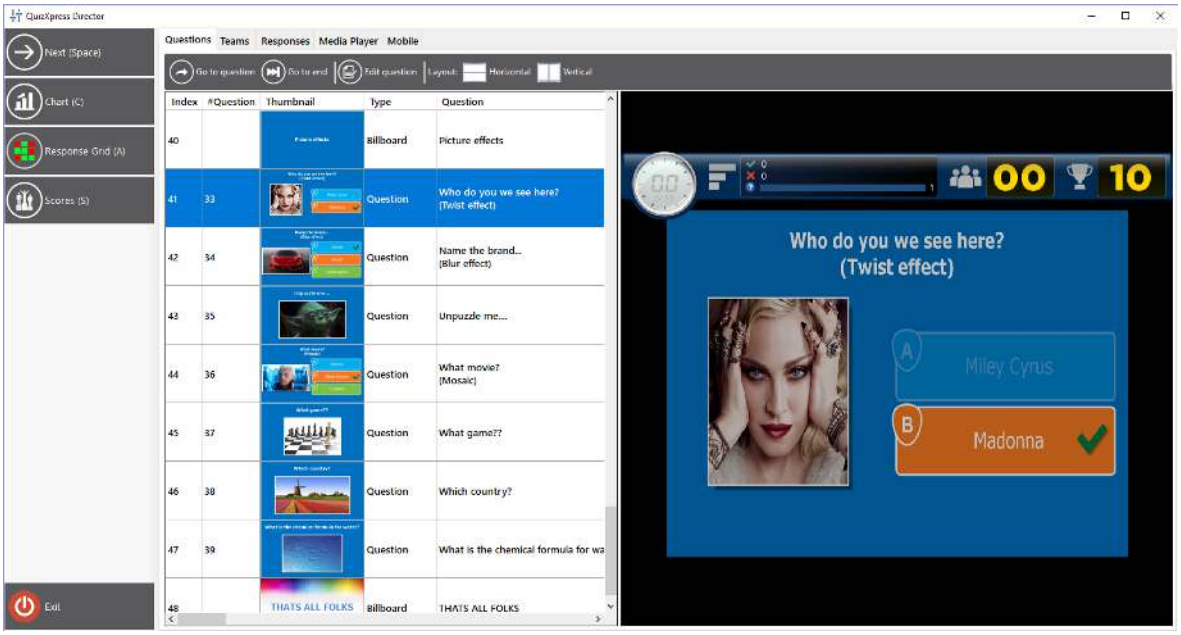
Before starting a quiz, setup QuizXpress to use mobile phones in QuizXpress Setup. The QuizXpress Setup program can be started from the Windows Start menu, section QuizXpress or from QuizXpress Studio (HOME tab > External button > QuizXpress Setup).

In QuizXpress Setup select the mobile tab and put a check before 'Enable mobile keypad support'. QuizXpress is now enabled for playing with Mobile phones using a PIN code to connect.  Please refer to the QuizXpress User Manual for a more in-depth explanation of the options.




The 'headless' mode option in the local WiFi section can be used when playing onsite and no presentation screen is available. In this case all content is presented on the mobile phones.

In headless mode the laptop of the quizmaster shows both the QuizXpress Live! quiz player as well as QuizXpress Director (https://www.quizxpress.com/en/faq/187-what-is-quizxpress-director ), joined on one screen:

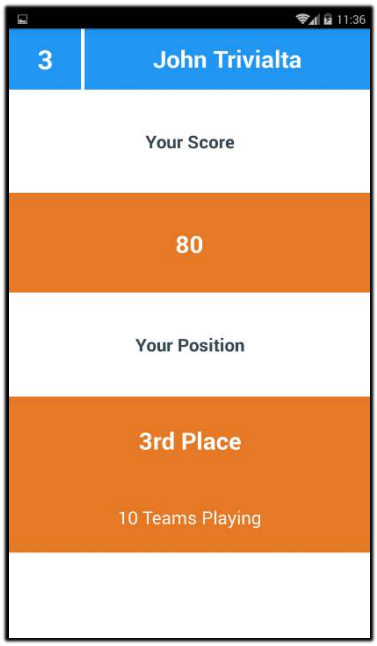


# Other features of QuizXpress Mobile

QuizXpress Mobile has a lot to offer. An overview of the main features can be found in the following sections.

## Live Scores

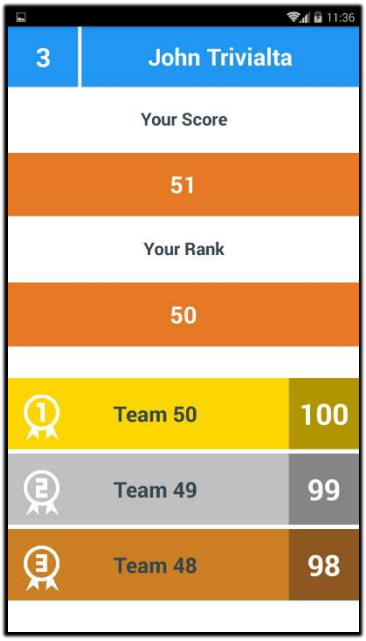
When scores are shown in QuizXpress, the score and rank are also automatically shown onscreen on the phone of each player.




Intermediate scores on the Smart Buzzer app

Intermediate scores on the buzzerpad website

Final score screen for 1st, 2nd and 3rd place

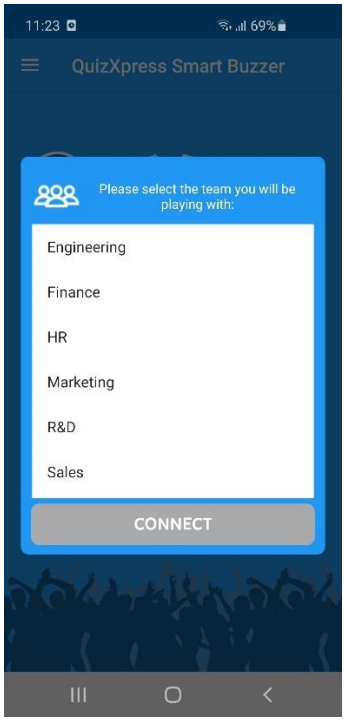



Final score screen for 4th place down

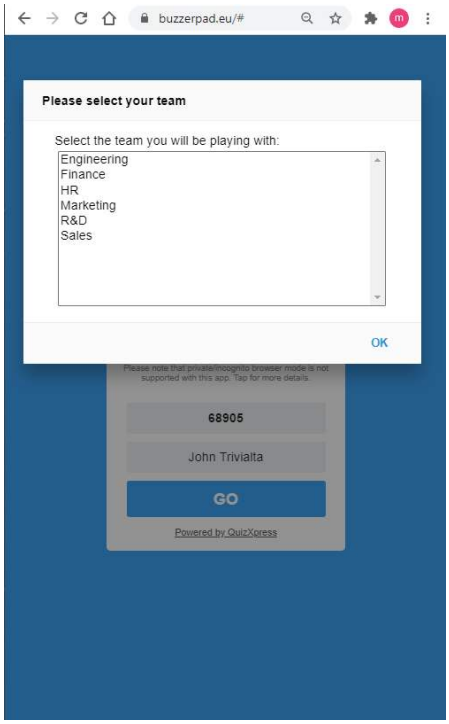
Final score screen on the buzzerpad website

## Playing in Groups

QuizXpress Mobile supports playing in Groups. You can predefine and store a list of groups which will be shown to the players once they connect to the quiz. Players then select the group they will play together with, competing against the other Groups.




Group selection on the Smart Buzzer app




Group selection on the buzzerpad website

There are several configurable options available when playing with groups like:

- Sum the scores or average the scores in the group to cater for unequal group sizes.
- Only accept the first answer given by a group
- For fastest finger questions, lock out the whole group when a wrong answer is given or allow the rest of the group to buzz in again to give the answer.

It's also possible to create or modify groups during the quiz using QuizXpress Director (https://www.quizxpress.com/en/faq/187-what-is-quizxpress-director ).

Please note that in order to use group support, players need a Smart Buzzer app version higher than 1.5.

On the quiz screen shown to the audience it is possible to show group scores or individual scores.

## Use Tickets

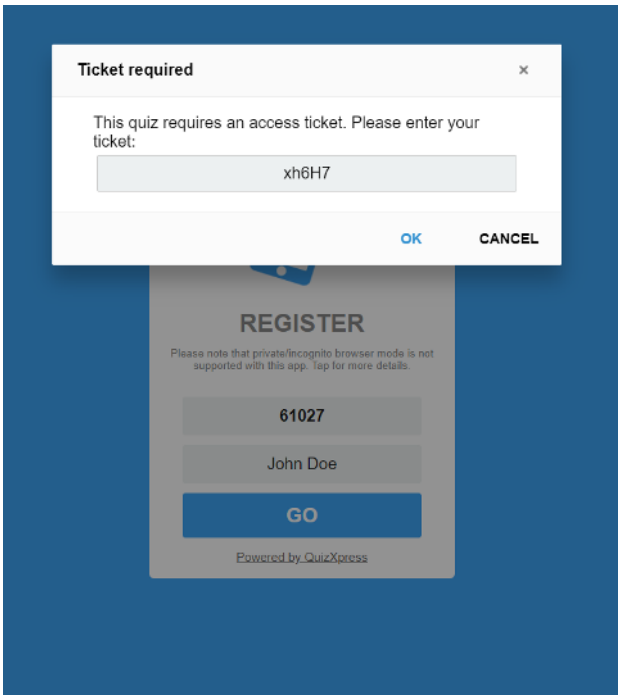
You can use tickets with both the Smart Buzzer app and the buzzerpad website to generate revenue when hosting online quizzes or limit access to a quiz.

The process of selling the tickets to your audience isn't part of QuizXpress. You could for example:

- Use one of the third-party ticket seller websites like https://www.tickettailor.com/
- Sell goodie boxes with snacks and drinks and insert a piece of paper with a code (which can be any code up to 32 characters long)
- There are several CMS web shop plugins that allow you to sell tickets on your web shop or third-party ticket sellers like https://www.tickettailor.com/.

For QuizXpress all you need is a simple plain text file with all the ticket codes. This text file should be named “tickets.txt” and must be stored in the same folder as your quiz. When you launch the quiz, the tickets will be sent to the server and when a player connects to your quiz, he/she is prompted for a ticket code that must match a line in tickets.txt.

Entering a ticket code on the Smart Buzzer app



Entering a ticket on the buzzerpad website

Each ticket can only be used once at a time so people cannot share tickets. You can update the tickets while the quiz is running using the Update Tickets button in QuizXpress Director on the Mobile tab. You can find a more detailed explanation on how to sell and use tickets with QuizXpress at https://www.quizxpress.com/files/Tickets.pdf.

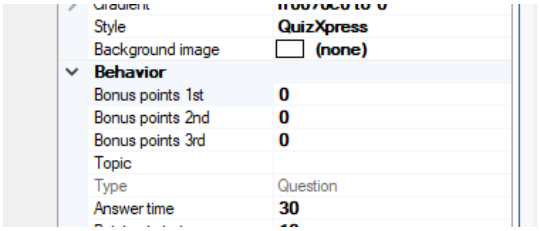
When using tickets in combination with groups, both the selection of the group as well as the ticket code can be entered when connecting with the Smart Buzzer app or the buzzerpad website.

## Bonus points

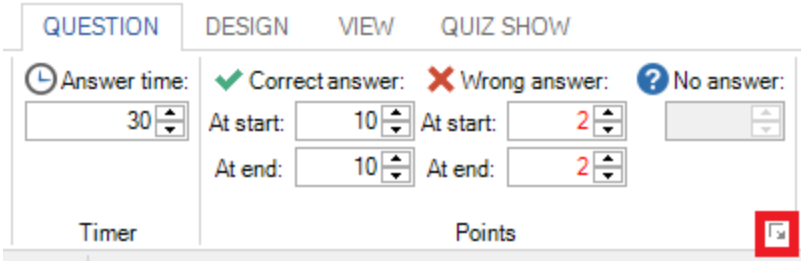
Bonus points in QuizXpress aren’t necessarily connected to using Mobile, but it is a great feature to keep players entertained and engaged. Bonus points can be configured with each question in QuizXpress when creating a quiz and award the fastest players answering a question. The name of the top 3 players appears on screen after a question when a question is configured to have bonus points.

Also, when jingles are enabled (please refer to the next section), the jingle is played for the fastest player that won bonus points.

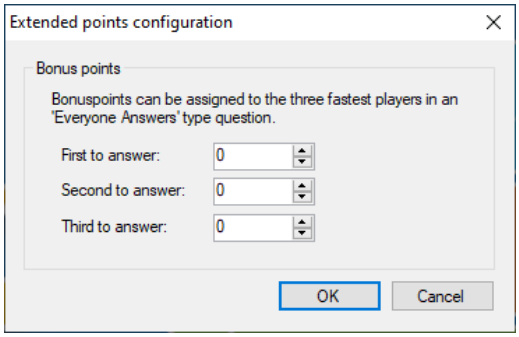
You can assign bonus points to a slide in the properties grid in QuizXpress Studio (which, if not visible, you can show by going to the VIEW tab and pressing Properties).




Alternatively, you can click the dialog launcher on the QUESTION tab in the 'Points' section:



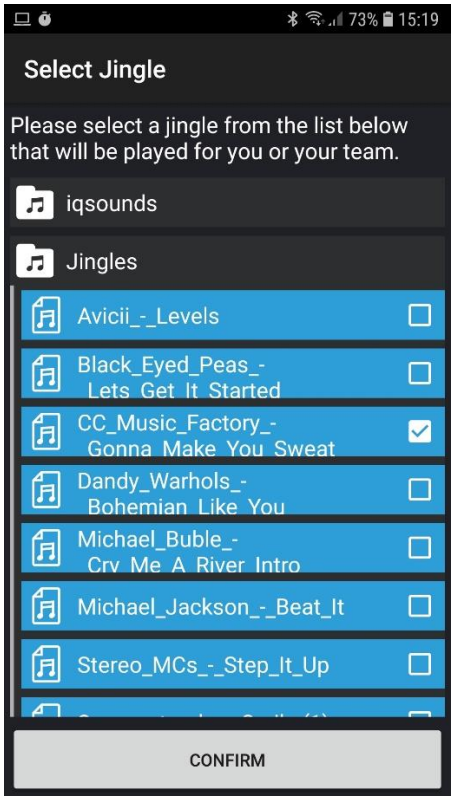

In that case to can edit the bonus points in the following dialog:




Also, when jingles are enabled in Quiz Setup (players can select their team jingle in the mobile app) the jingle is played for the fastest team that won bonus points.

## Jingles and sound pad (Smart Buzzer app only)

When using the QuizXpress Smart Buzzer app, each player can choose his or her personal 'jingle' which is a short piece of music or sound fragment.




Players pick a jingle by name. When a jingle has already been selected by another user, a message is shown and the player has to pick another one. Jingles are played on the computer that is running the quiz.

Jingles are played in the following cases:

- When the bonus points screen is shown, the jingle for the fastest answering player plays

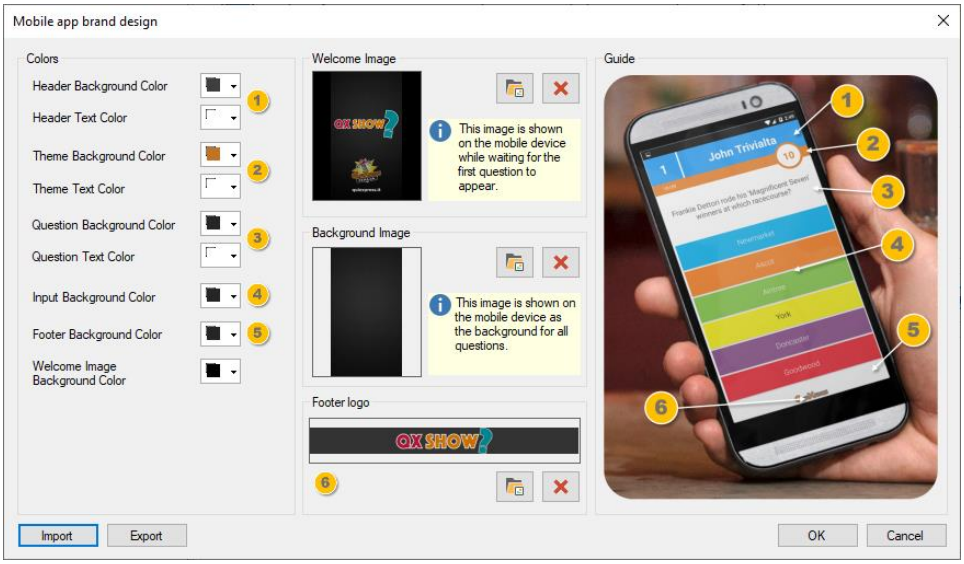
- When showing intermediate scores, the jingle of the top ranked player plays
- When showing the final scores, the jingles of the top three ranked players are played
- For fastest finger questions, the jingle of the fastest player buzzing in is played

In order to setup jingles, open QuizXpress Setup. On the 'Sound' tab you can select a folder in the Root folder of jingles folder field. The folder can contain subfolders, which will also be shown on the jingle selection screen on the mobile device.

To further spice up the atmosphere during a quiz show there is the possibility to play up to 12 arbitrary sound effects from a sound pad on the QuizXpress Director remote control app. In QuizXpress Setup you can select the folder which contains the sound files.

## Branding (Smart Buzzer app only)

The mobile app can be fully branded (various colors, background and a small logo to be shown at the bottom of the mobile app) with the *branding designer* in QuizXpress Setup which you can find on the Mobile tab, button *Branding*.

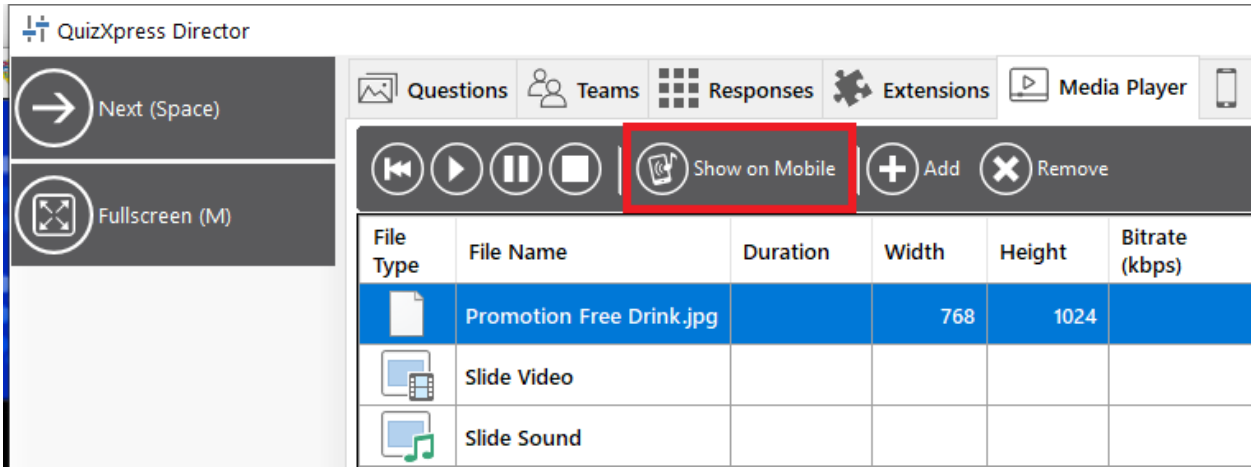



Designs can be imported/exported so they can easily be shared between machines. With app branding you can change the app appearance to promote your own brand. App branding is only applied after the app login screen as it needs an established connection to a running quiz.

Below you can find a sample of a branded Smart Buzzer.

## Promotions (Smart Buzzer app only)

The Smart Buzzer app supports displaying 'promotional' images during the quiz or during a break. The images can be sent from the QuizXpress Director Media Player screen (the images first need to be added to the list of available media):



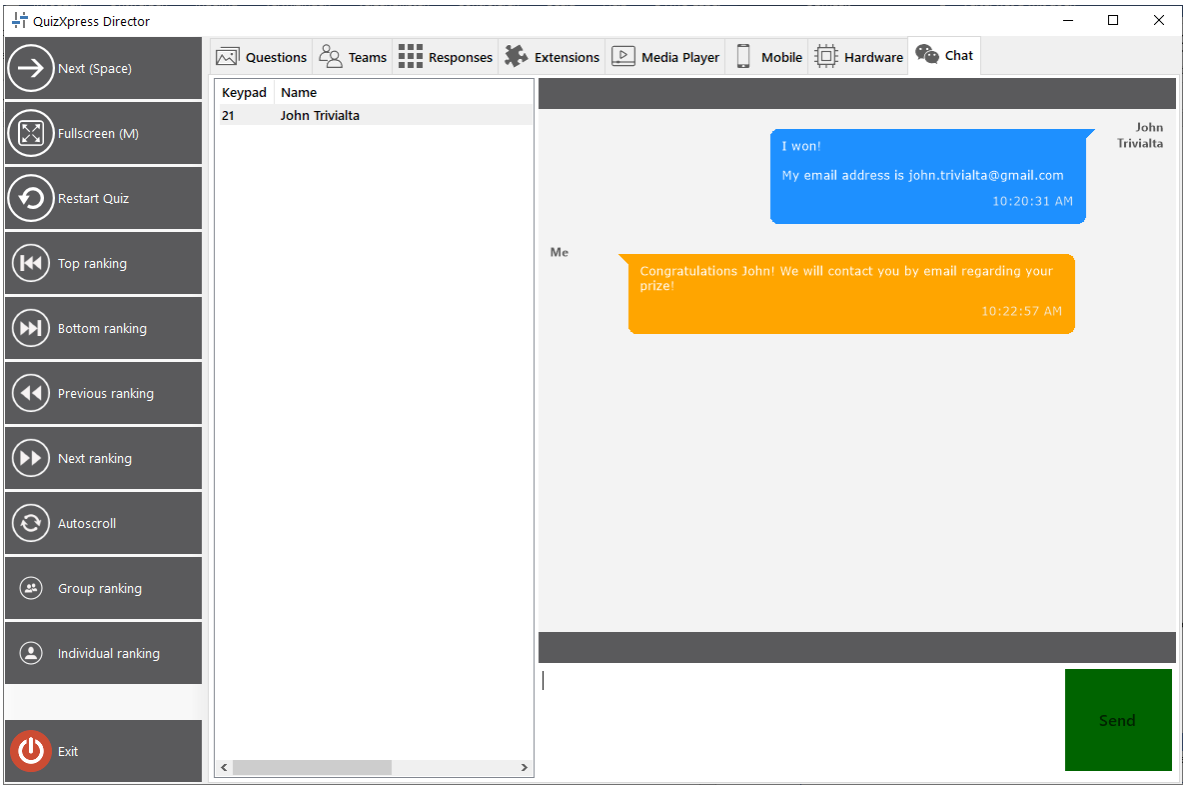

As an example, the image is then presented on the mobile device as:

When the quiz continues and the next question becomes active the promotion disappears on the mobile device.

## Chat (buzzerpad only)

When using the buzzerpad website, players can send chat messages to the quiz host when on the final score screen. A chat button is presented at the bottom right side of the buzzerpad website. When the button is clicked, an entry field appears for the chat message.

Chat messages sent appear in QuizXpress Director on the computer that runs the quiz. Players are listed according to their final ranking and when a message has been sent, the player lights up in the list.




It is also possible to send back chat messages to the player which are then visible on the mobile device.

Chats can be useful to get in contact with the winner(s) of the quiz. You can ask winner(s) to send their contact details (email, address or phone number) so you can contact them to send them a prize or call them during the show.

### Other advanced modes (Smart Buzzer app only)

The following modes are also supported when using the Smart buzzer app:

| Feature | Support |
|---|---|
| **Delay before answering** | When this is enabled in Studio for a question, the mobile players are set on hold until the delay is over |
| **Manual start of countdown** | Answering is delayed on the mobile device until the countdown is started |
| **Hiding incorrect answers** | When this is configured in Studio it will also work on the mobile device. Answers will disappear from the device one by one when disappearing from the QuizXpress screen. |
| **Hints** | When adding timed text shapes to a slide, the text will be sent to the mobile devices as a toast message when the shape appears. This can be used for giving hints about the correct answer |
| **Descending points** | When points change over time this will be reflected on the mobile app and a short animation will inform the user the points have changed |

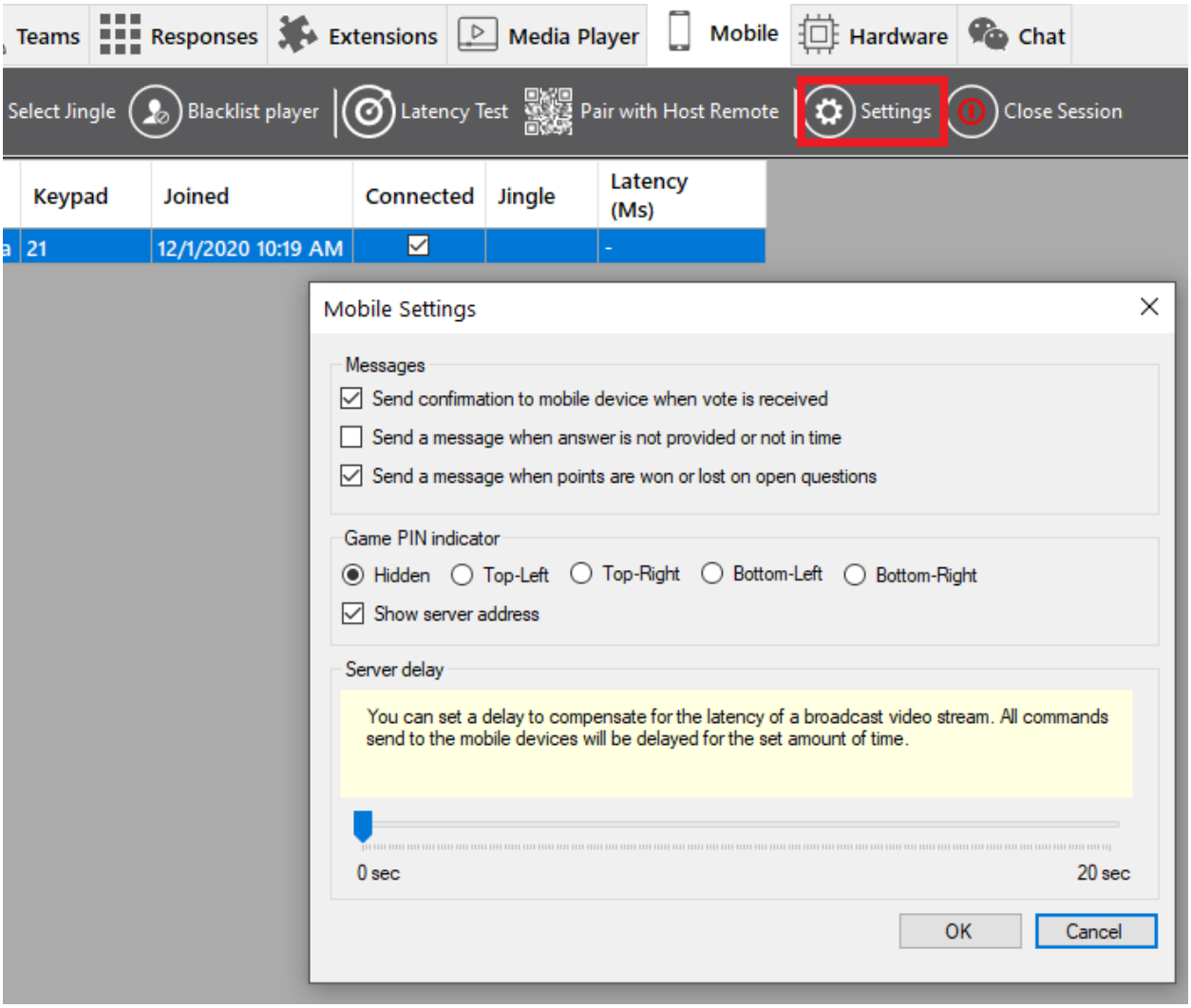
## Streaming quizzes

With social distancing restrictions being present during the current COVID pandemic you can use QuizXpress to host virtual quiz events for an audience playing from across the globe. Your quiz can be streamed using broadcasting platforms like YouTube, Zoom and Twitch while players join in using the Smart Buzzer app or the buzzerpad website using a PIN code. We created a document with tips and tricks regarding streaming your quizzes which can be found at https://www.quizxpress.com/files/Online%20Streaming%20Guide.pdf

You can change several settings related to streaming in QuizXpress Director running on the computer by going to the Mobile tab and pressing the Settings button.

The messages section allows you to indicate which control messages are sent from QuizXpress back to the players when playing the quiz. Players can receive:

- a confirmation when their vote has been received
- a message when they win or lose points on open questions
- a message when the answer wasn't received on time. Due to the latency which is always present when streaming (depending on the platform used this can be between 1 and 10 seconds), it can be that the clock is still ticking in the stream while on the computer countdown already finished. This message indicates to a player that he or she was too late answering. The player then knows that he or she should press sooner on the next question.



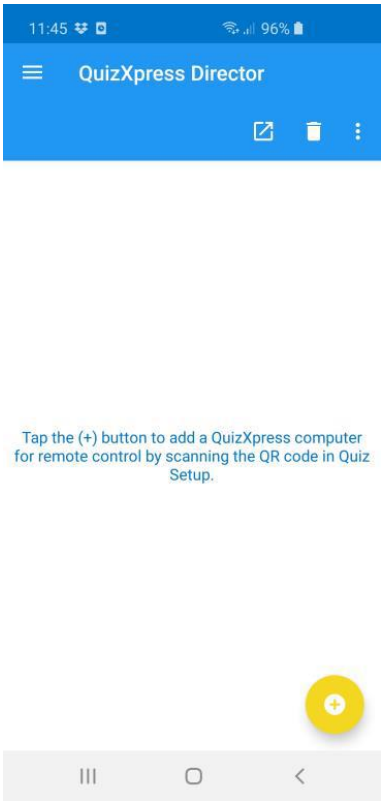

The Game PIN indicator allows you keep the PIN code visible at all times so players can join later

The 'Server delay' slider allows you to set a delay for all commands sent to the Smart Buzzer mobile app to compensate for the stream latency. When you set a value for this which equals the latency of the stream, the questions appearing on the phone and the countdown tick are more in line with what shows on the broadcast stream that is being watched.

## QuizXpress Director app

In order to control the quiz, you can use the QuizXpress Director remote control app, available for iOS and Android. In order to be able to control the quiz player, we need to setup the remote to connect to the quiz.

After installation and start-up of the app, you will see the following screen:




Once you press the button, a QR code scanner will be show. The QR code that you need to scan is displayed on the Mobile tab in QuizXpress Setup. Scan the code displayed here and the computer name will be shown in the QuizXpress Director app. You only have to follow this procedure once to register your computer in the app.

After starting a quiz, select the computer that you want to control in the list and click on . Now the mobile remote app will be connected to the quiz session.

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Note: Please make sure that the server selected in the QuizXpress Director app is the same as the server selected in QuizXpress Setup. Click the menu button on the top left of the app and choose 'Settings'. The 'Mobile server to connect to' setting should match the setting as set in QuizXpress Setup: (www.buzzerpad.com , www.buzzerpad.eu or Local WiFi.

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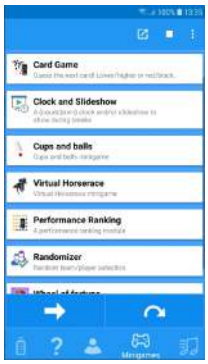
After connecting to the running quiz, you will see the QuizXpress Director app which has 5 tabs:

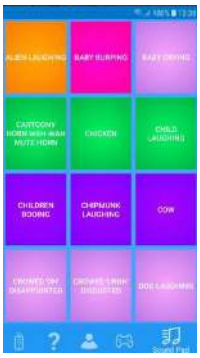
Remote control




Control mini games

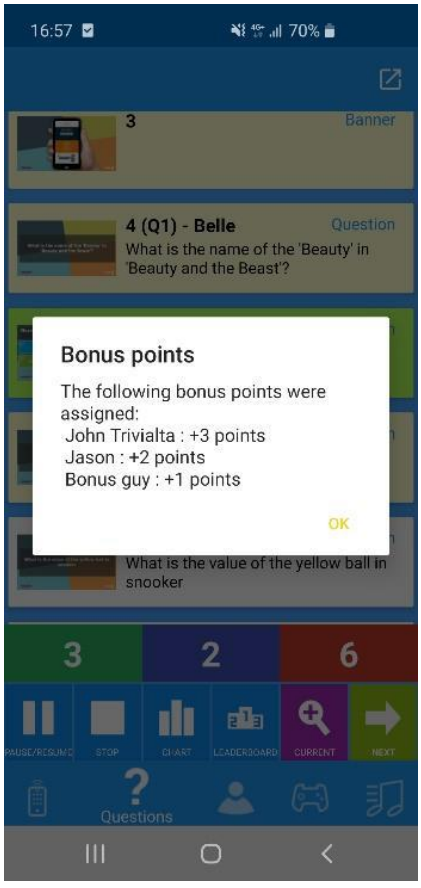
See question details

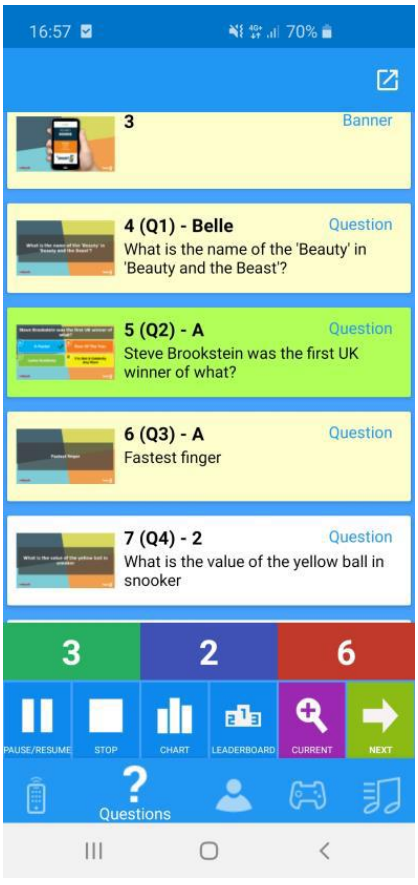
Score overview and manage players



Sound pad to play configured sound effects

Some other information the QuizXpress Director app shows are the bonus point winners for a question and the response statistics after each question (in the example below: 3 players answered correctly – 3 did not answer – 6 answered incorrectly).




For more information about the QuizXpress Director app please refer to the QuizXpress User manual which is part of the full QuizXpress installation.

### Thumbs Up/Thumbs Down

This new feature is interesting to highlight. Players can earn extra points by giving their vote about the correctness of a verbally given answer for an open question. It works as follows:

- An open question (manual judgement) is presented to the players, buzzers appear on all the Smart Buzzer apps
- One player thinks to know the answer and hits the buzzer, all others are locked out
- On the Director app a right/wrong judgment popup appears with a Thumbs Up/Thumbs Down button
- The quizmaster engages with the player to hear the verbal answer and can now poll the rest of the players for whether *they* think the given answer was right or wrong by tapping the Thumbs Up/Down button on the Director app.
- On the other players devices, a Thumbs Up/Thumbs Down poll popup appears for 10 seconds and the players can give their vote (or abstain).
- Then the quizmaster judges the question and the given votes are used to calculate the points for the other players (they get to win/lose 50% of the question's points)

This new mode makes it easier to keep the other players engaged in a fastest finger round as not only the fastest player can win points. This feature is mostly used when playing onsite and not so much when hosting virtual events.

## Getting started with Mobile Keypads 2.0

To start playing around with this QuizXpress Mobile:

- Download and install the latest version of QuizXpress from https://www.quizxpress.com/installer/QuizXpress6.exe
- Have an Android/iOS phone or tablet (any affordable tablet will do) and install the Smart Buzzer app. Just search the iOS or Android store for the "QuizXpress Smart Buzzer" app.
- When using a Wi-Fi connection, make sure the QuizXpress machine *and* the mobile device or tablet are on the same Wi-Fi. In Quiz Setup configure the quiz player to run on local Wi-Fi and optionally 'headless' to run without a central screen (in Quiz Setup, Mobile tab). When using local Wi-Fi, you have the choice to show pictures on the mobile device (although this is a mandatory mode for headless operation). Obviously showing pictures requires more bandwidth and may limit the number of players you can serve (depending on your infrastructure).
- When you want to use server mode use Quiz Setup to configure the quiz player to connect to one of our servers at *buzzerpad.com* (when is US, Asia, Australia etc.) or *buzzerpad.eu* (when in Europe)
- Run a quiz and start the mobile app. When it finds the local quiz session, the "JOIN WIFI GAME" button will be enabled. If the button will not be enabled see the trouble shooting section. To use the QuizXpress server, tap 'JOIN GAME VIA PIN' on the app and enter the PIN presented in the quiz player.

## FAQ

*"Are you going to support the new question types on the buzzerpad.com web-based keypad?"*

For now, we only plan to support a simple keypad on buzzerpad.com like available today. This may change in the future though. For now, the extended input types are **only** supported when using our mobile apps.

*"Can you advise what router to buy?"*

We are not router experts and it would be undoable to test all kinds of routers. The QuizXpress system does not require anything special from a router other than that it does not block UDP broadcast messages. So, please give it a try and most of the times it should work with your router. We also sell small plug and play routers that you can use for up to 50 players.

## Troubleshooting

*The JOIN WIFI GAME button is not enabled*

- Check if Wi-Fi is enabled on the phone/tablet and the device is connected to the correct Wi-Fi access point.
- Make sure the PC/laptop and phone/tablet are on the same Wi-Fi router/network segment, or if you have multiple segments make sure UDP broadcasts are forwarded to the subnetworks
- Make sure the Wi-Fi router does not block any UDP traffic
- Make sure there is no local firewall (like McAfee 365) blocking any traffic. Make an exception rule for qxserver.exe (found in the QuizXpress installation folder) or temporarily turn the firewall completely off. The standard Windows firewall should not be an issue as the QuizXpress installer creates exception rules already.

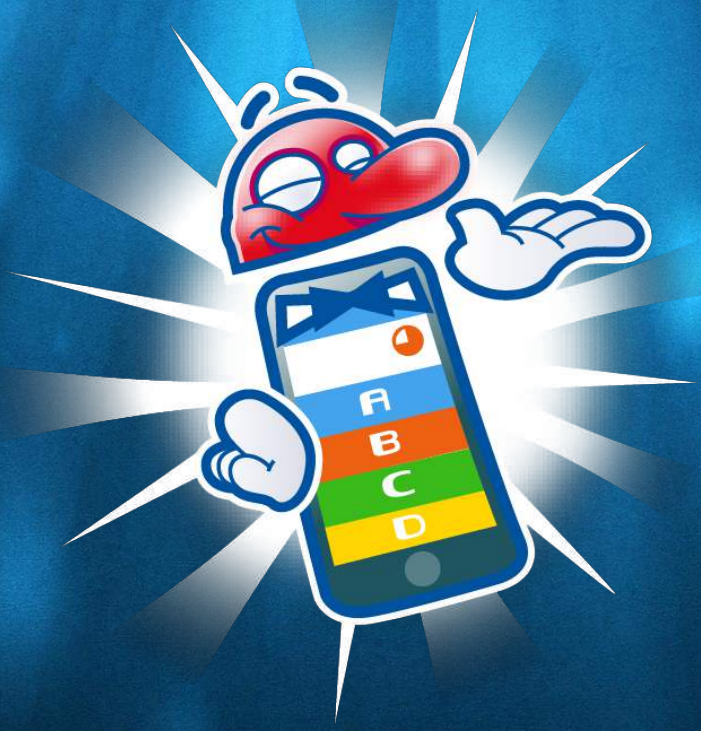
*The QuizXpress Director app does not connect to the quiz*

Make sure that the server that the Director app uses is the same as the server that the quiz uses. You can check the server used by the Director app by pressing the menu in the top left of the app followed by choosing 'Settings'. The 'Mobile server to connect to' setting should match the setting as set in QuizXpress Setup: (www.buzzerpad.com , www.buzzerpad.eu or Local WiFi.

*When I try to connect to buzzerpad I get a message that the pin code is invalid*

Please check that you are using the correct website (www.buzzerpad.com or www.buzzerpad.eu) as indicated in QuizXpress Setup (and as shown onscreen in the quiz player).

Thank you for your interest in our products. If you have any further questions, feedback or remarks please do not hesitate to let us know on info@gameshowcrew.com. If you encounter any issues please let us know on support@gameshowcrew.com.

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