

User manual

Mixed Reality Beer Pong

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Table of Contents

Introduction 3

Start Application 3

Room Scanning 3

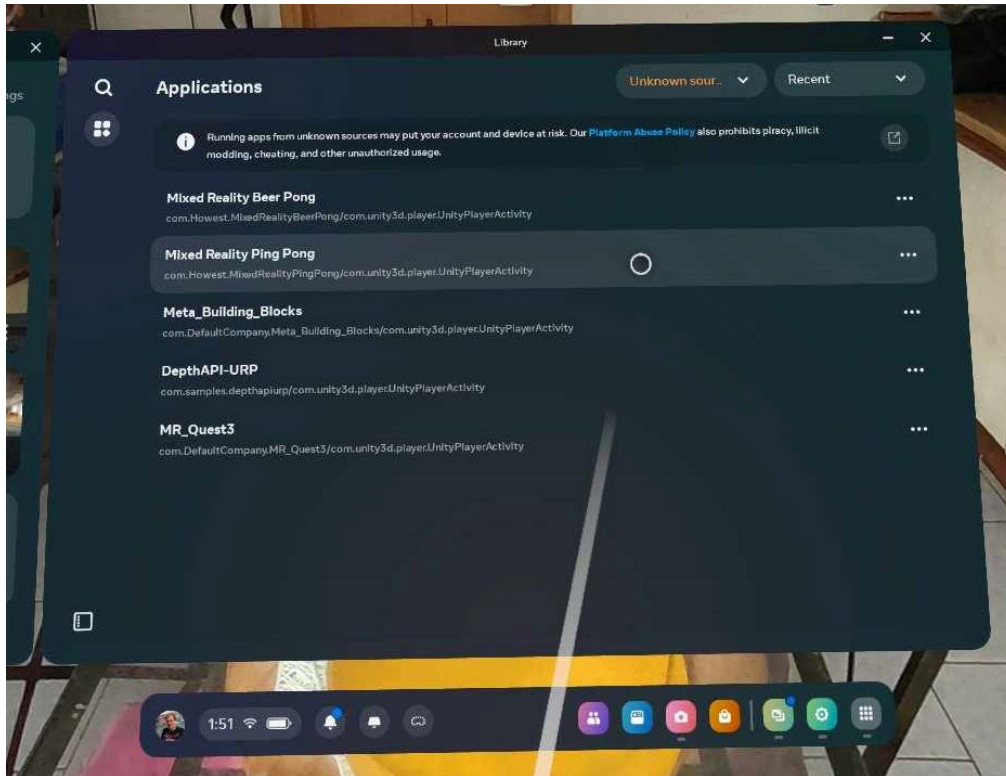
Select a table..... 5

Beer Pong..... 6

Introduction

The Meta Quest3 is a mixed reality headset that allows for scanning a space and applying this scan within an application. This makes it possible for virtual objects to interact with the real world. To develop this application, the features enabling all of this were thoroughly researched. This manual provides an explanation of how to use this application.

Start Application

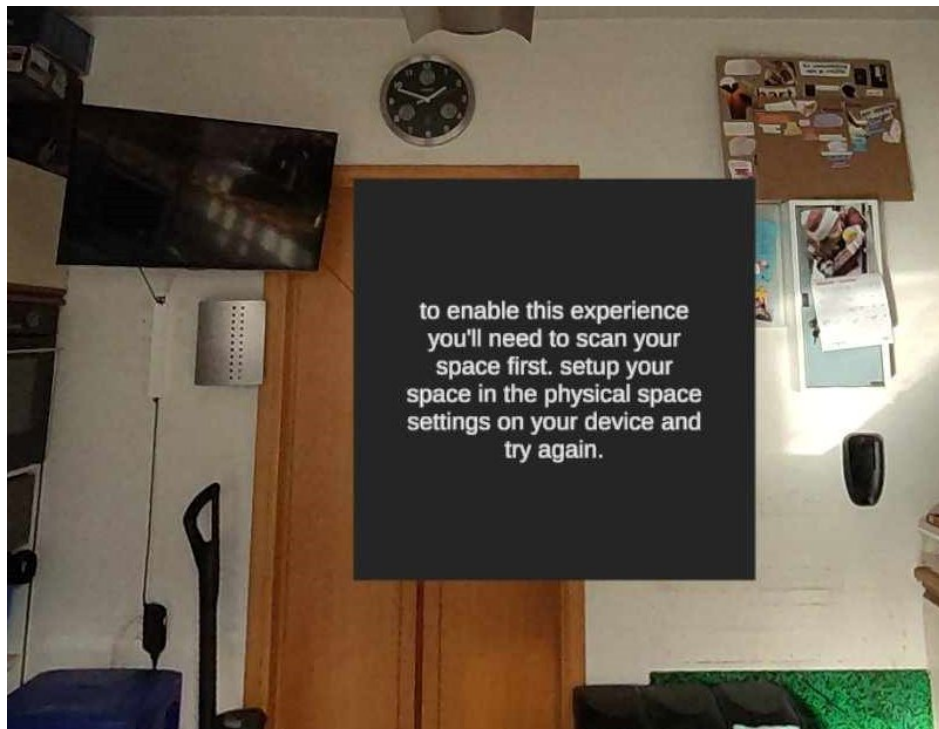


To start the application, navigate to the applications on your Quest3 device. Ensure that "Unknown Sources" is selected in the top right corner. Click on "Mixed Reality Beer Pong" to launch the application.

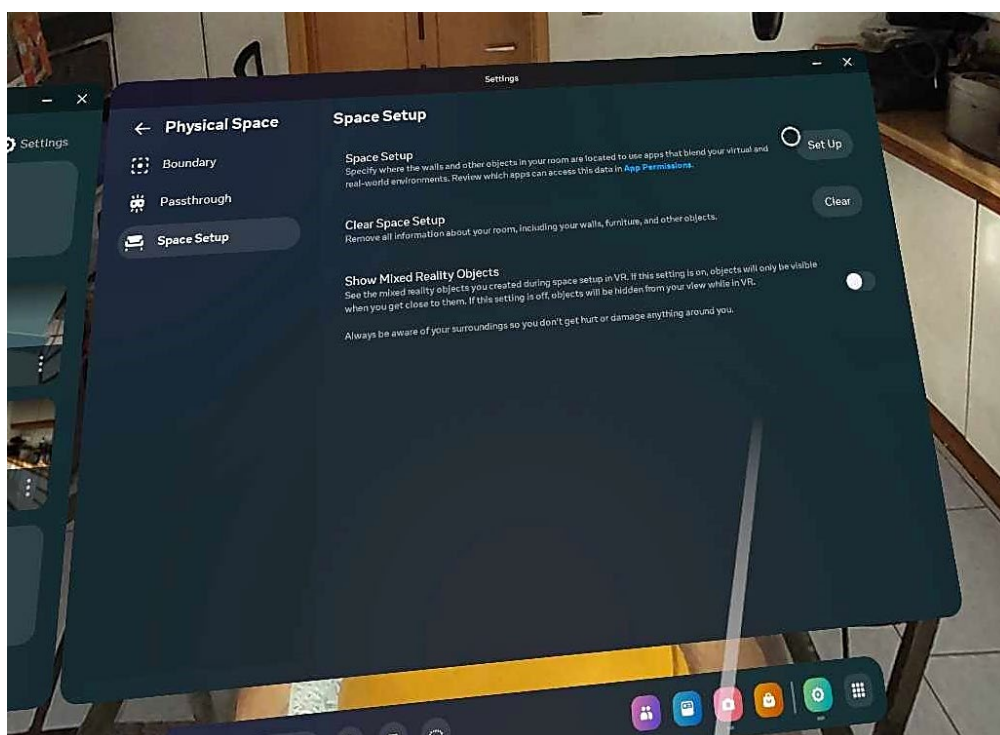
If this application is not listed, first check if the application was installed correctly. Refer to the installation guide for this purpose.

Room Scanning

This application utilizes the room scanning feature of the Quest3. Before using the application, a scan must be present in the memory of the device. If the headset does not detect a scan, you will see the message below.



To create this scan, click on the 'Space Setup' button. You can find this option in the settings of the device.



Select a table

The first step you need to take once the application is launched is to select a table. To do this, point with the controller to the desired table. This table will be marked with a hologram. Make sure you have set a table while scanning the room! Only these objects will be recognized by the application as a valid table.



Press the trigger button on the controller while pointing to the desired location to place a beer pong table.





Beer Pong

Now that the beer pong table is placed, you're ready to play. Grab the ball by moving the controller over it and holding down the button indicated below. This works for both the left and right controller.



Virtual Beer Pong is played just like real beer pong. You try to throw the ball inside one of the cups at the opposite side of the table. If you succeed, your opponent has to drink the cup. You can drink the cup by grabbing it just like you would do with the ball and bringing it towards your mouth.

At this point, this game does not yet support actual multiplayer. Tho, you can still play this game together with friends by giving the Quest-device at your opponent after a throw.

