User Manual

Left Column

1. **Installation software.**
   Click the apk file to install software.
   Please note that the Robotic Ball only supports Android 2.2 and above and IOS, running on iPhone.
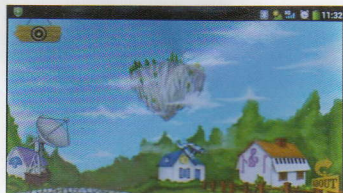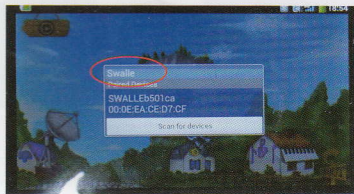
2. **Open the software.**

Figure1.

1. Click the icon to open the software and then come to home screen as shown above in Figure 1.
2. Shake the ball to wake it up.
3. Ensure your smartphone's Bluetooth is switched on and is in discoverable mode.
4. To connect your smartphone to the ball, press the symbol
5. Look for the name SWALLEb501ca (the ball) and pair your smartphone with this device.
6. Enter password '1234' to complete the pairing process.

Right Column

If the Bluetooth connection fails check for the following reasons:
• The ball is not turned on (needs shaking)
• The ball requires charging
• Pairing code error
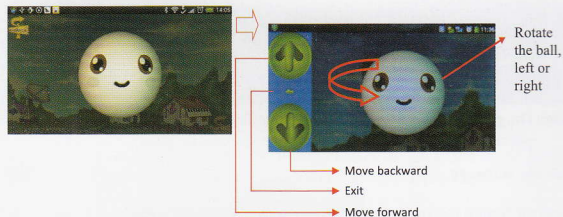• Bluetooth is not enabled or is not in discoverable mode

3. Ball Set up

From the home screen click the icon to set the balls direction, colour and speed.
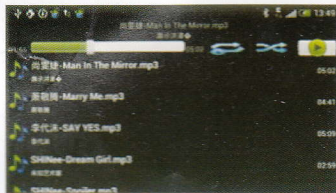

4. Operation.

From the home menu press the icon to start controlling the ball.

Note: If the ball turns too sharply, go back to the set up screen and reduce the degree setting.

5. Operation of DISCO function.

From the home screen click the icon, to start the music player function. The App will auto-search the music library on your Smartphone. Choose a song to play and you're your Ball will dance along.

6. Games

From the main menu press the icon.

7. Music key playing:

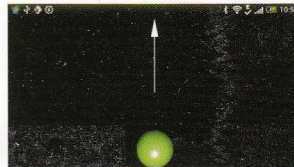From the Games menu Click to come to music key playing:

Each of the seven coloured buttons represents a musical note, press each key and your smartphone will sound accordingly, whilst the ball will so show the appropriate colour. Select from either drum or piano sound.

From the Games menu click the Billiard ball icon.

Home screen for Billiard ball game

| Figure 1 | Figure 2 | Figure 3 |

Figure 1 to 3 shows the operation of the billiard ball game.

1. Use the arrow to control the ball's direction (Figure 2) ,while the three-dimensional ball at the bottom of the screen controls the speed. Dragging or clicking on the screen will launch the ball and it will stop after clicking any place of the screen (Figure 3).

From the Games menu, click Gravity Ball

Figure 4 shows the initial screen for the gravity ball game (Hold your Smartphone horizontal).
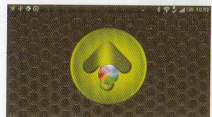
Figure 4

Rotate your Smartphone around its horizontal axis and the icon will move forward or backwards according to the rotating range. The rainbow icon's location represents the speed of physical ball.
The speed of physical ball will increase to maximum when the icon reaches the bottom of the green circle.
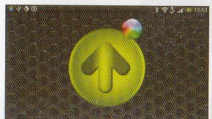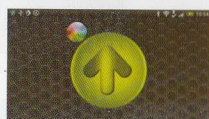
Figure 5

Figure 6

Figure 7

Hold your Smartphone horizontal and rotate it with vertical axis at the same time.
The physical ball will turn on the same spot left or right without any forward motion.

Figure 8

Figure 9

Figure 8 and 9 shows the operation of turning right when the physical ball moves forward.

Notes: The rainbow icon will go back to the center of the green circle after executing after turning right.

Correct way to play the gravity ball games:

◆ Relax and focus on the physical ball rather than the screen.
◆ Rotate your Smartphone around its horizontal axis to control the balls motion, forwards or backwards.
◆ Hold your Smartphone horizontal and rotate it with vertical axis at the same time, the physical ball will turn on the same spot.

The physical ball will turn right by lowering your right hand and turn left by lowering your left hand

From the Games menu click Automatic ball

Figure 10   Figure 11   Figure 12

Figures 10, 11and 12 show the operation of the ball in the automatic mode. In this mode the ball will move forwards, backward, left and rotate randomly.

From the Games menu click Tracking Ball

In the tracking ball mode, the ball will move along the path drawn on the screen.
Reduce the draw speed if the ball fails to follow the on-screen lines.

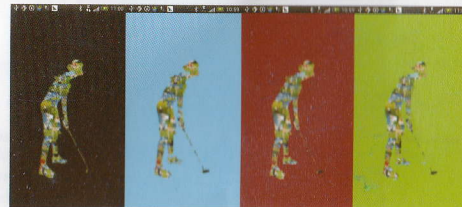**From the games menu click Golf game**

Figure 13   Figure 14   Figure 15   Figure 16

1) Figure13 shows the main screen for the golf games.
2) Press once and the screen will become blue allowing you to adjust the balls direction (as per figure 14)
3) Press again and the screen will turn red, indicating you are ready to swing the golf club. (as per figure 15)
4) Hold your Smartphone vertically downwards until the screen turns green interface, using your smartphone mobile as the grip of a golf club. Swing your Smartphone and the ball will move accordingly. (See figure 16)

Note: The golf game requires you to hold your Smartphone with the correct posture, adjusting your posture until the screen turns green.

Exit the software

Press the Return key on your Smartphone screen to exit the app.