



# **Physical Architecture:**

The original idea in creating the Smartphone was to cater to those special "AMIR Designs Ltd's" enthusiasts who wish to connect with their own communication piece in a way that have a mindset to whether use the unit via left or the right hand. The Smartphone is made in three different modules; the Main module on the upper half also the Keys module, and the Loop module at the lower half. The Main module mostly is taken by the display while the other two modules are populated by keys and controls. The two upper and the lower halves are interconnected by an invisible shaft allowing both lower modules a full 360° bi-directional and independent rotations.





# 1- The Main Module:

Face of the module is mainly occupied by the multi-touch screen display. On the surface, on the very top of the display and in the middle is the Ear-set assembly. To its left is the secondary camera, and to the right is the 11 segment linear LED array.



On the lower margin of the display there, a high quality Loudspeaker is designed in.



Around the exterior and on the lower left wall of the Main module is Charger/PC connector, and further up about the upper left edge sits the Screen Off/On button.







On the upper wall above the display resides the Headphone plug on the right, HDMI port is in the middle and to the left is the Stand alone Power On/Off button of the unit. On the very right corner a Band slot is implemented.



On the upper right wall is Lock/Unlock switch, in the middle are the Volume adjusters, and exceptionally at this design ST switch is located on the side.



The backside of the module contains the Main camera assembly and "AMIR Designs Ltd's" Logo.



#### **2-** The Keys Module:

This is a two sided module. One side of the module includes the standard "AMIR Designs Ltd's" Merged keypad on the upper half and on the lower half is the partial Button Field. The other side of the module is the QWERTY keyboard that includes a SP button near the Carriage return. A second set of QS/QC which is not color diversified positioned slightly lower and to the left, also "The Designer, Mr. AMIR" has complemented the design with a Ball-track mouse for the convenience of the users in the lowest level and in the center.

On this model the standard "AMIR Designs Ltd's", every 2 square keys are merged into one full orange rectangle. Depending on what the application or the needs of the users are, they can rotate it to have a convenient access to the desired section(s). The partial Button Field on this model is grouped in one place and includes the FPS in the center, and the "Back" button in gray and on the top left. Located on the lower left side is the dual circle QS/QC button in red. On the upper right of FPS is the "C" button and below that is the blue rectangle Ex.O button. Both "C" and "Back" buttons are made in the same shape as the Smartphone body itself and in gray color.



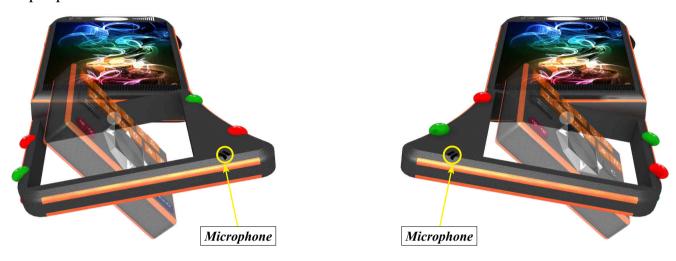






### **3-** The Loop Module:

This is a loop sitting around the keys module forming a frame. One of the lower corners at the outer parameter is stretched outward per images below. To each side, there are independent (2Rs & 2Gs) of Accessed easily buttons. This module has a single Microphone, one at each sides of the loop module. Every one of them is placed near the ends of the stretched corners for the most optimum sound reception. The purpose of the module's ability to rotate is to cater to both right handed people as well as the left handed users.



**Note:** A cautionary note is in order and it is to point to the fact that, whichever side of the keys module or the loop module is positioned and aligned with the same side of the display will be active only, and the opposite side which most probably facing the palm will be disabled for the sake of preventing accidental and unwanted pressings.

### **Texture & Applied Material:**

The entire enclosure to this Unit is made out of fine quality Carbon fiber, not only for the sake of its fashionable design, but also for its strength and light weight. An Orange transparent highlight is worked into the most of the edges around the body whose beauty in combination with the Carbon Fiber luster, gives it a fantastic look.

FOR BETTER VISUALIZATION OF THE SMARTPHONE PLEASE REFER TO ITS RESPECTIVE VIDEO CLIP.