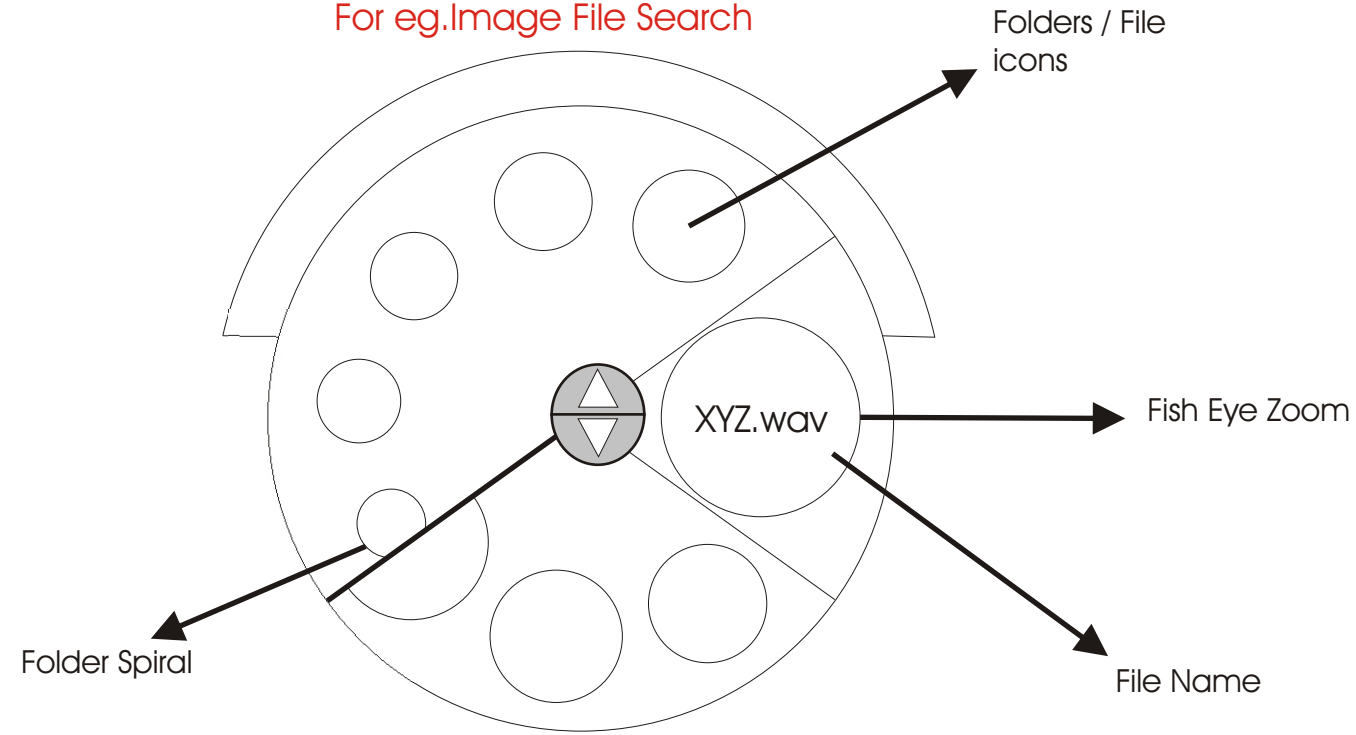# Circular Interface for Music Player

Interface Layout

Amit Patil
Software and User Interface Design
National Institute of Design

The user interface can be divided into three major classes:
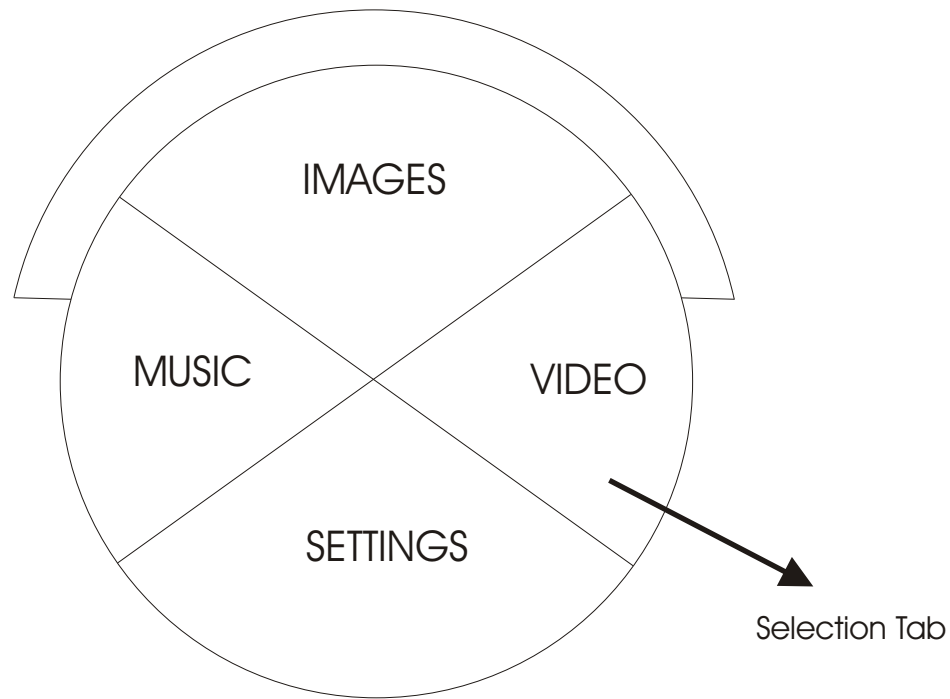
Selection Menu
File Browsing
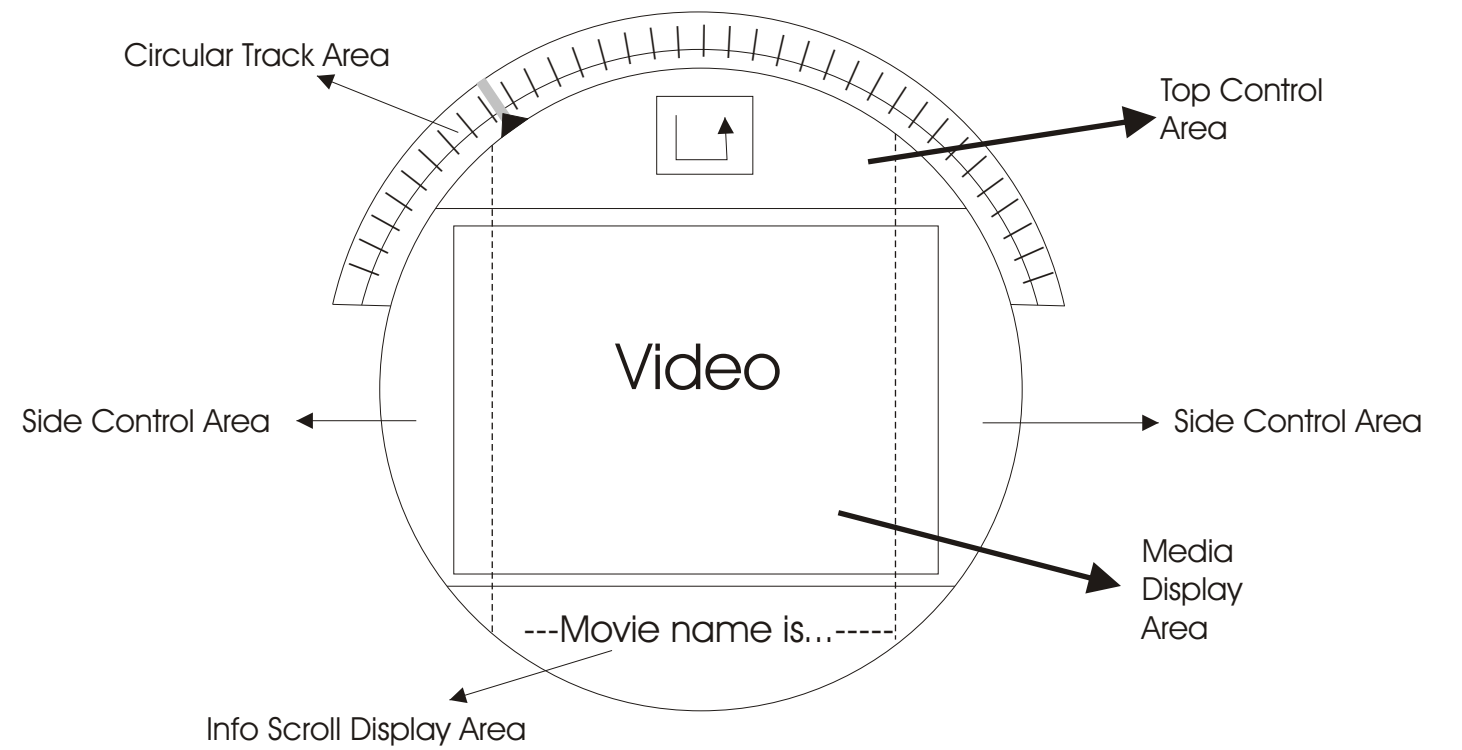Media Play\Display

File Browsing

For eg.Image File Search

Folders / File icons

Fish Eye Zoom

XYZ.wav

Folder Spiral

File Name

Selection Menu

For eg.Main Menu

IMAGES

MUSIC

VIDEO

SETTINGS

Selection Tab

Media Play Interface

For eg.Video Play

Circular Track Area

Top Control Area

Video

Side Control Area

Side Control Area

Media Display Area

---Movie name is...----

Info Scroll Display Area

Information Hierarchy

Display File — File Browser — Images

Music

Share — Channel Selection — Channel Display with Proximity

Radio — Channel Selection — Channel Display

Songs — File Browser — Play File

Main Menu

Play File — File Browser — Video

Settings — Display / Sound / Share

Video File Browser

Video Display

Radio Channel Browser

Radio Display

IMAGES

MUSIC

VIDEO

SETTING

Main Menu

RADIO

SHARE

SONGS

Sub Selection Menu

VIDEO

Radio Channel

File Browser for songs

Song Display

MUSIC

Image File Browser

DISPLAY

SOUND

SHARE

Sub Selection Menu

IMAGE

Image Display

Share Channel Browser

Share Display

Share Channel

Media Play Interface

For eg.Video Play

Circular Track Area

Top Control Area

Video

Side Control Area

Side Control Area

Media Display Area
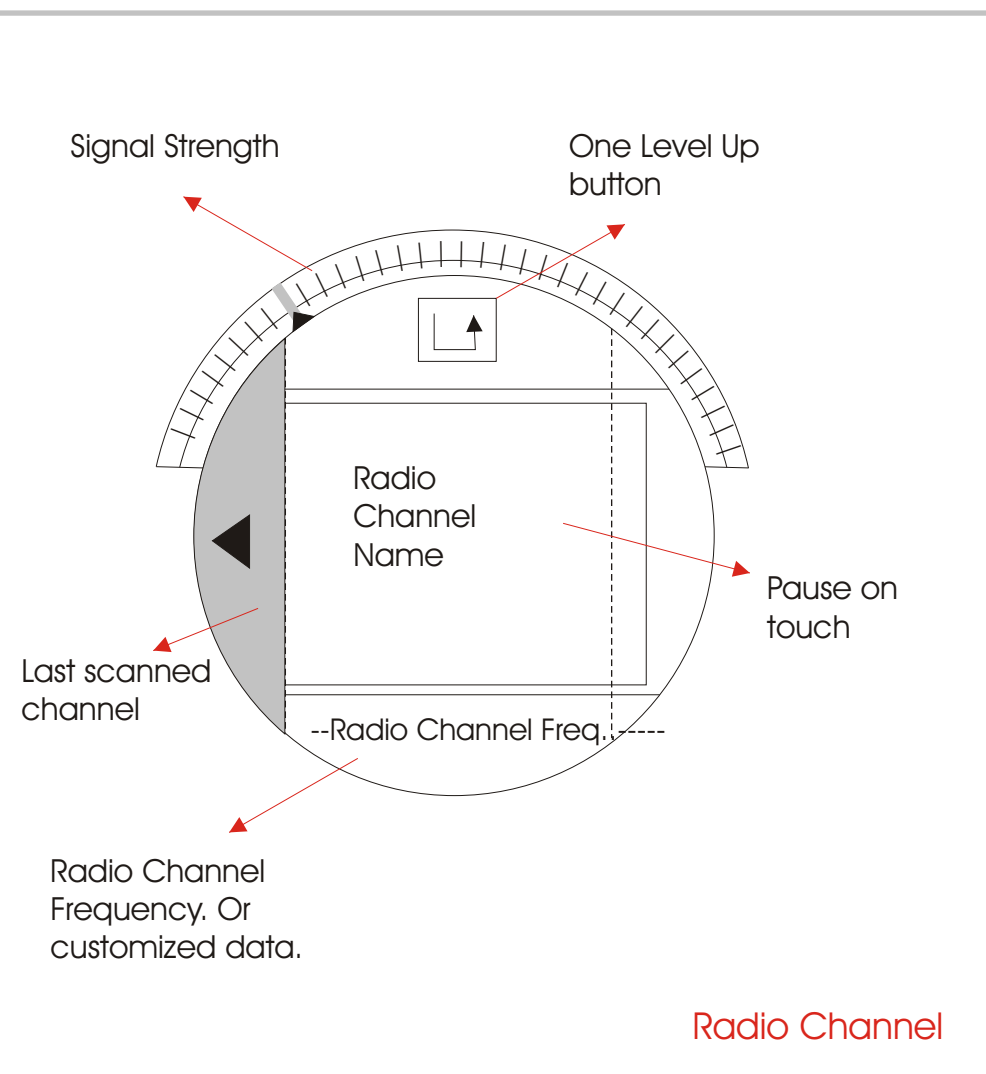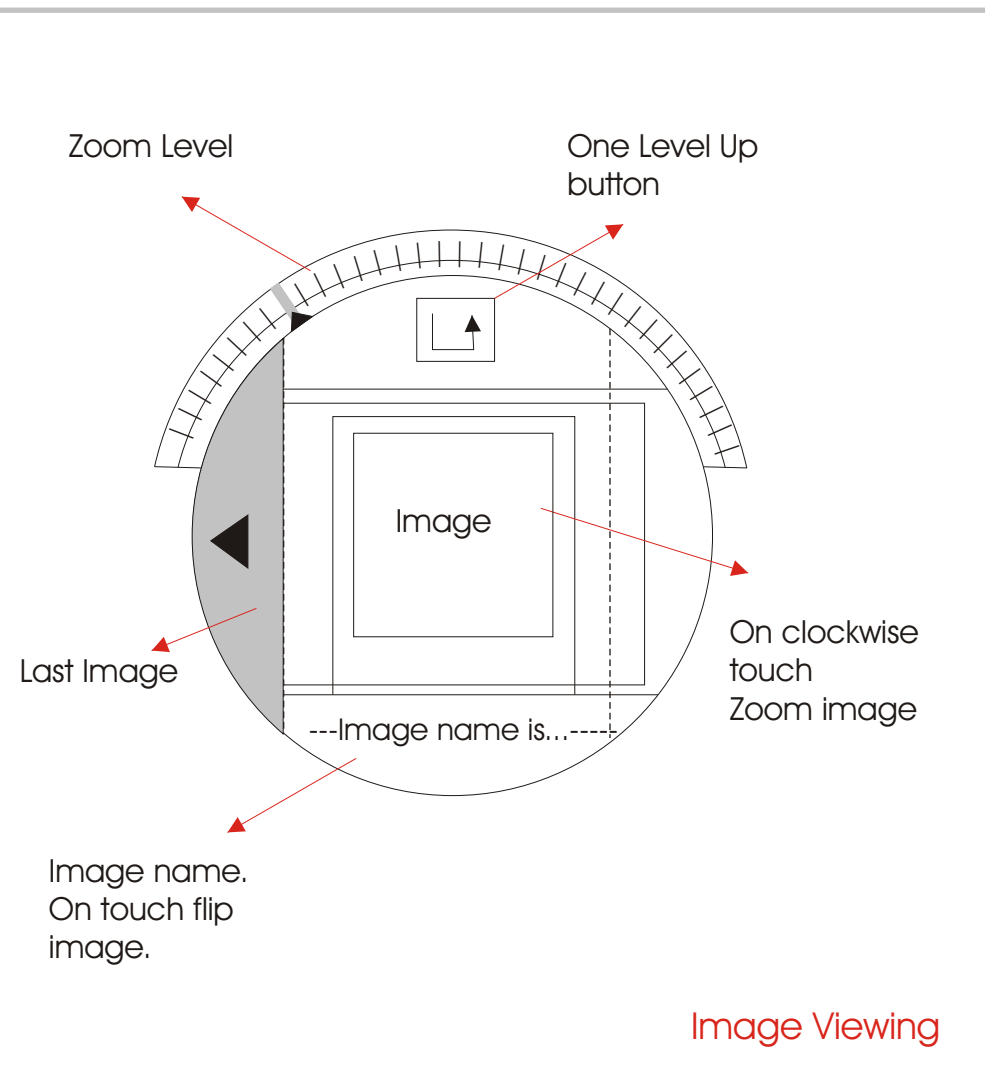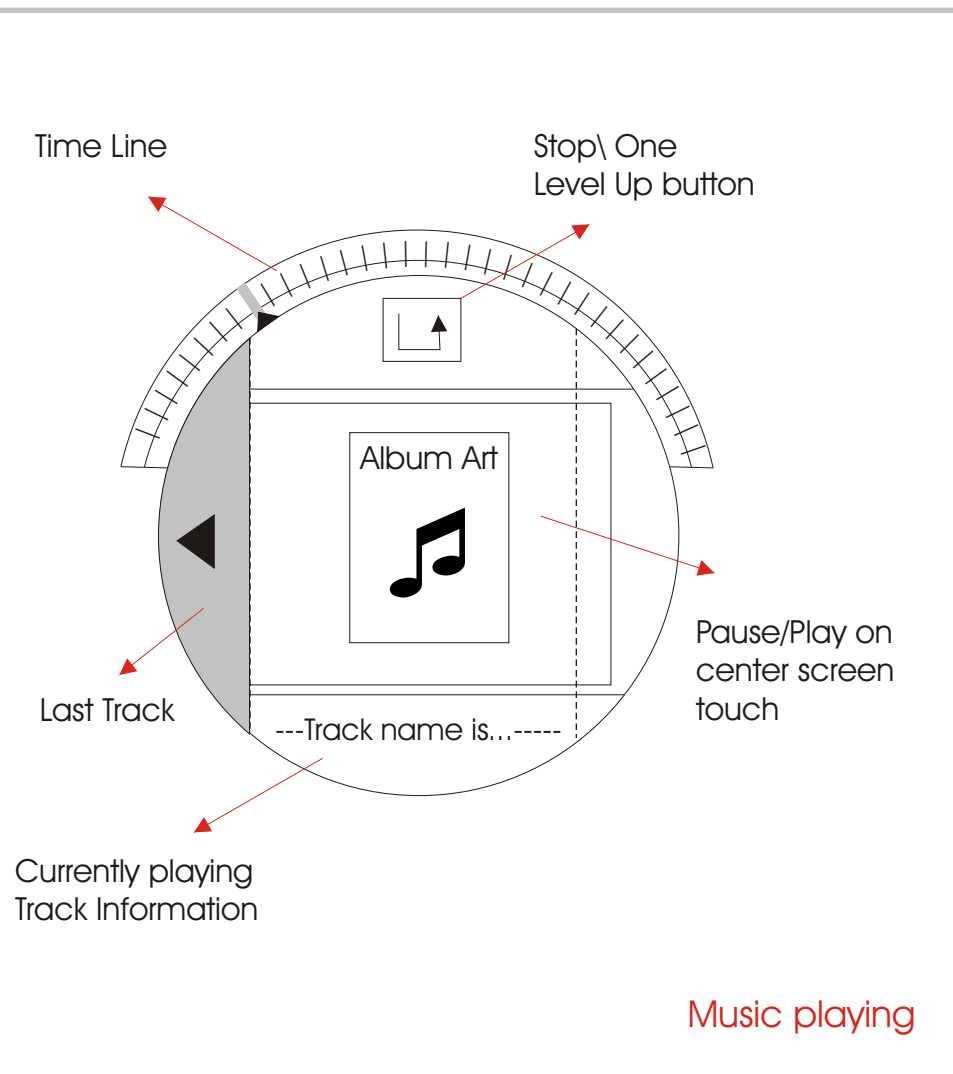
---Movie name is...----

Info Scroll Display Area

1. Side Control Area: Rewind, Forward, Next, Last
Side controls are slide overs on proximity of fingers.

2.Info Scroll Display Area: Track Name, Next Track, Photo Flip.
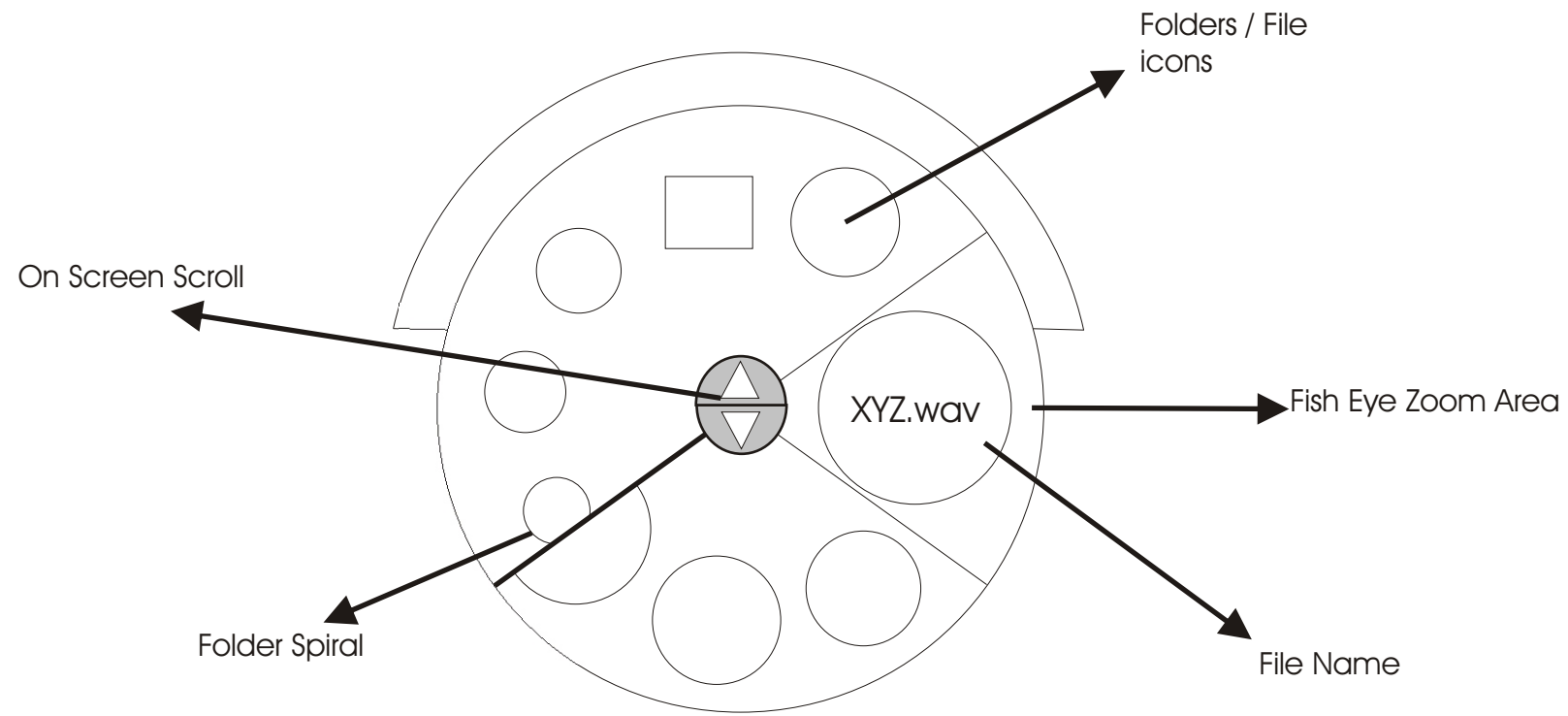Information scrolls in this area.

3. Circular Track Area: Time Line(Video, Audio), Zoom Level.
This area is outside display area and shows linear time line or meter as per role of interface.

4. Top Control Area: One Level Up, Stop.
This area is fixed and allows navigation to go one level up.

5. Data/ Content Area: Video, Music, Radio etc.
This is where most of the data is displayed or the display related to the executed data is displayed.
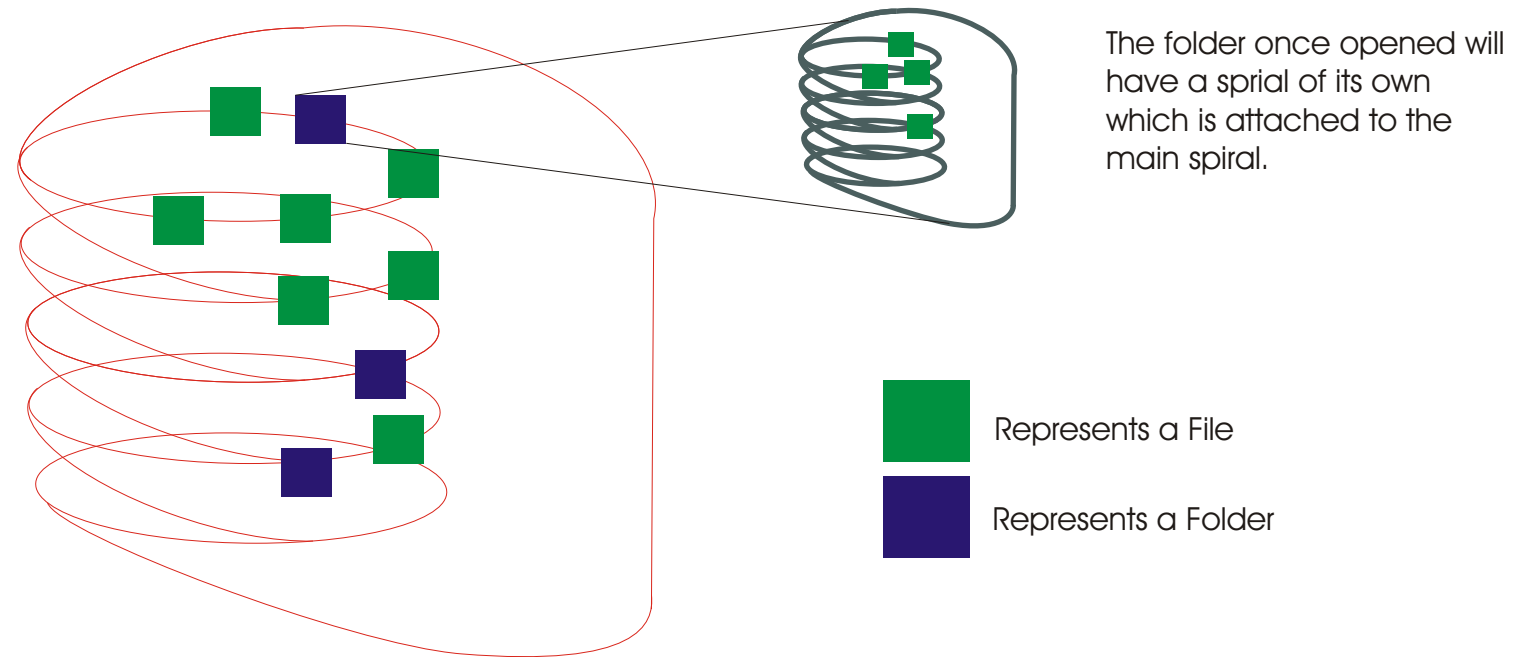

Time Line

Stop\ One Level Up button

Album Art

Pause/Play on center screen touch

Last Track

---Track name is...-----

Currently playing Track Information

Music playing

Zoom Level

One Level Up button

Image

Last Image

On clockwise touch Zoom image

---Image name is...-----

Image name. On touch flip image.

Image Viewing

Signal Strength

One Level Up button

Radio Channel Name

Last scanned channel

Pause on touch

--Radio Channel Freq...-----

Radio Channel Frequency. Or customized data.

Radio Channel

File Browsing

For eg.Image File Search

Folders / File icons

On Screen Scroll

XYZ.wav

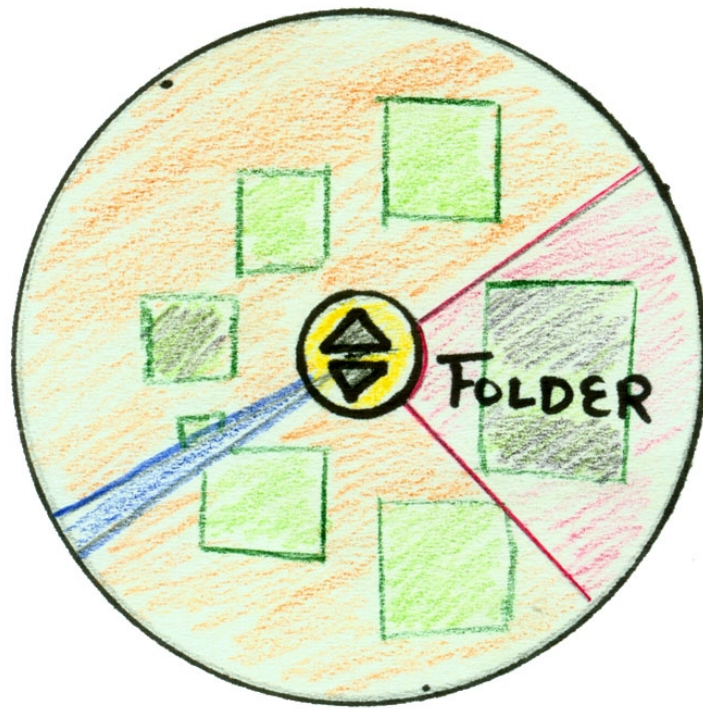Fish Eye Zoom Area

Folder Spiral
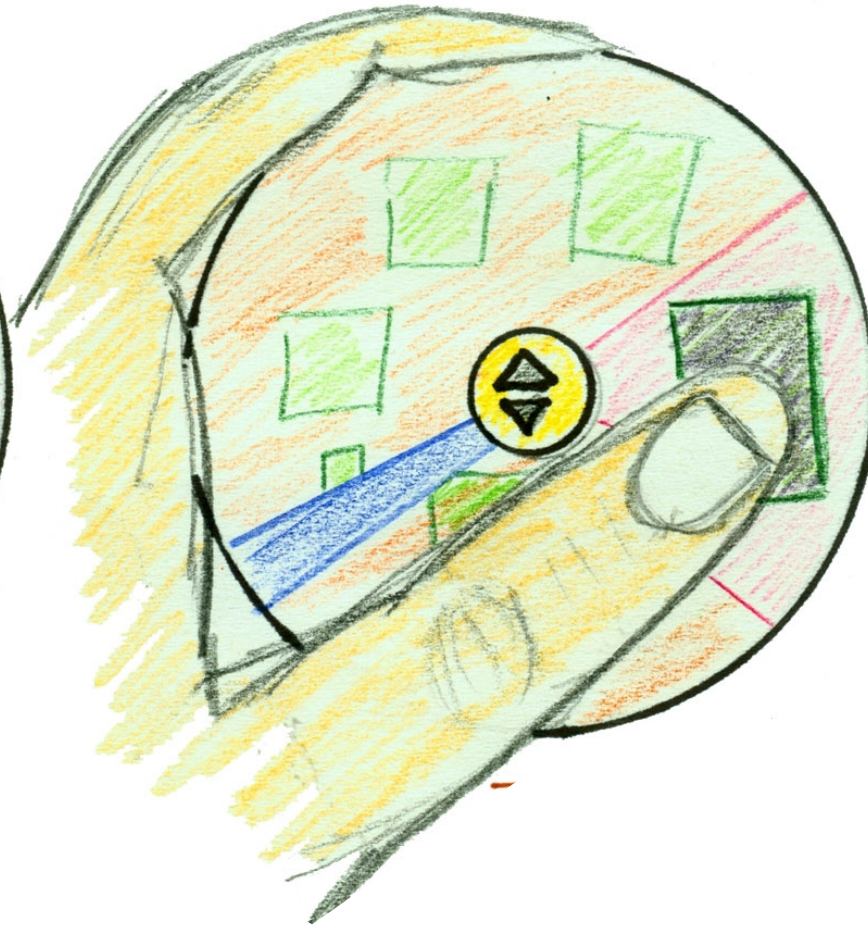
File Name

Spiral File structure :

The complete file structure is displayed as if it is a huge spiral.
With each folder on the spiral. The folders are displayed as if they are on the spiral.
The spiral is circular (similar to circular stack) the files and folders will be floating on each of this mega sprial.
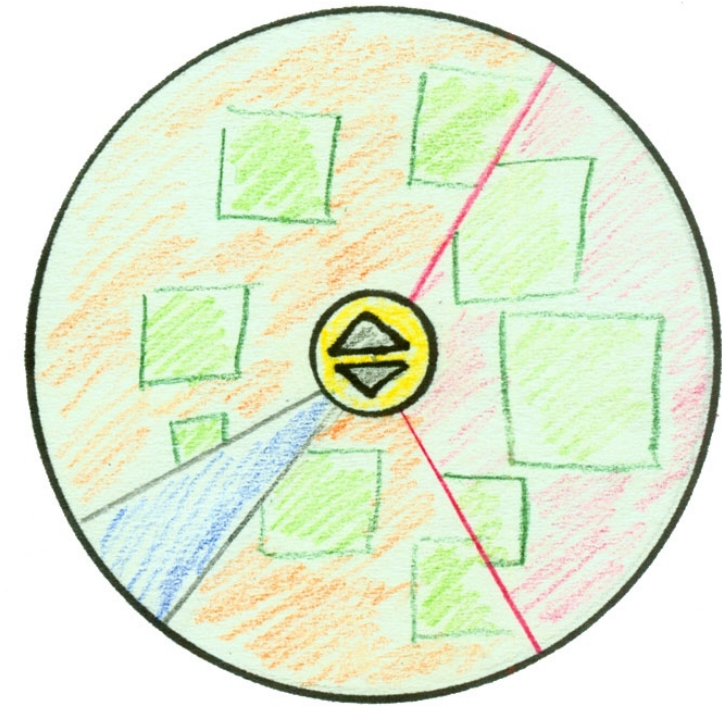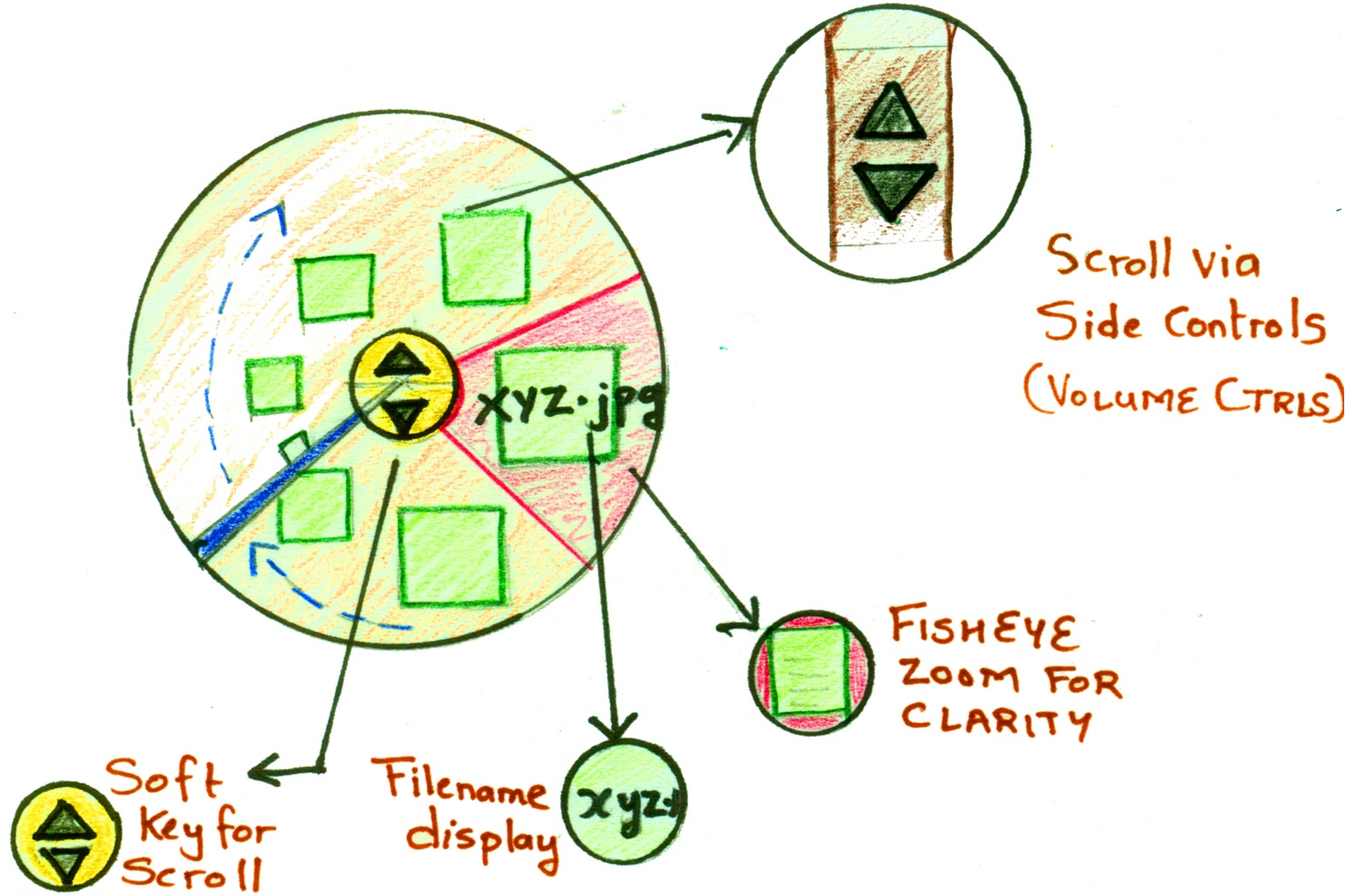
The folder once opened will have a sprial of its own which is attached to the main spiral.

Represents a File

Represents a Folder

Spiral Folder Interaction

Folder Enters Fish Eye
Zoom Area

Folder is selected
using thumb based
touch

Folder opens another
spiral

Scroll via
Side Controls
(VOLUME CTRLS)

FISHEYE
ZOOM FOR
CLARITY

Soft
Key for
Scroll

Filename
display

xyz.jpg

VOLUME CONTROL / NAVIGATION

MUSIC SHARE

BATTERY INDICATOR

Info
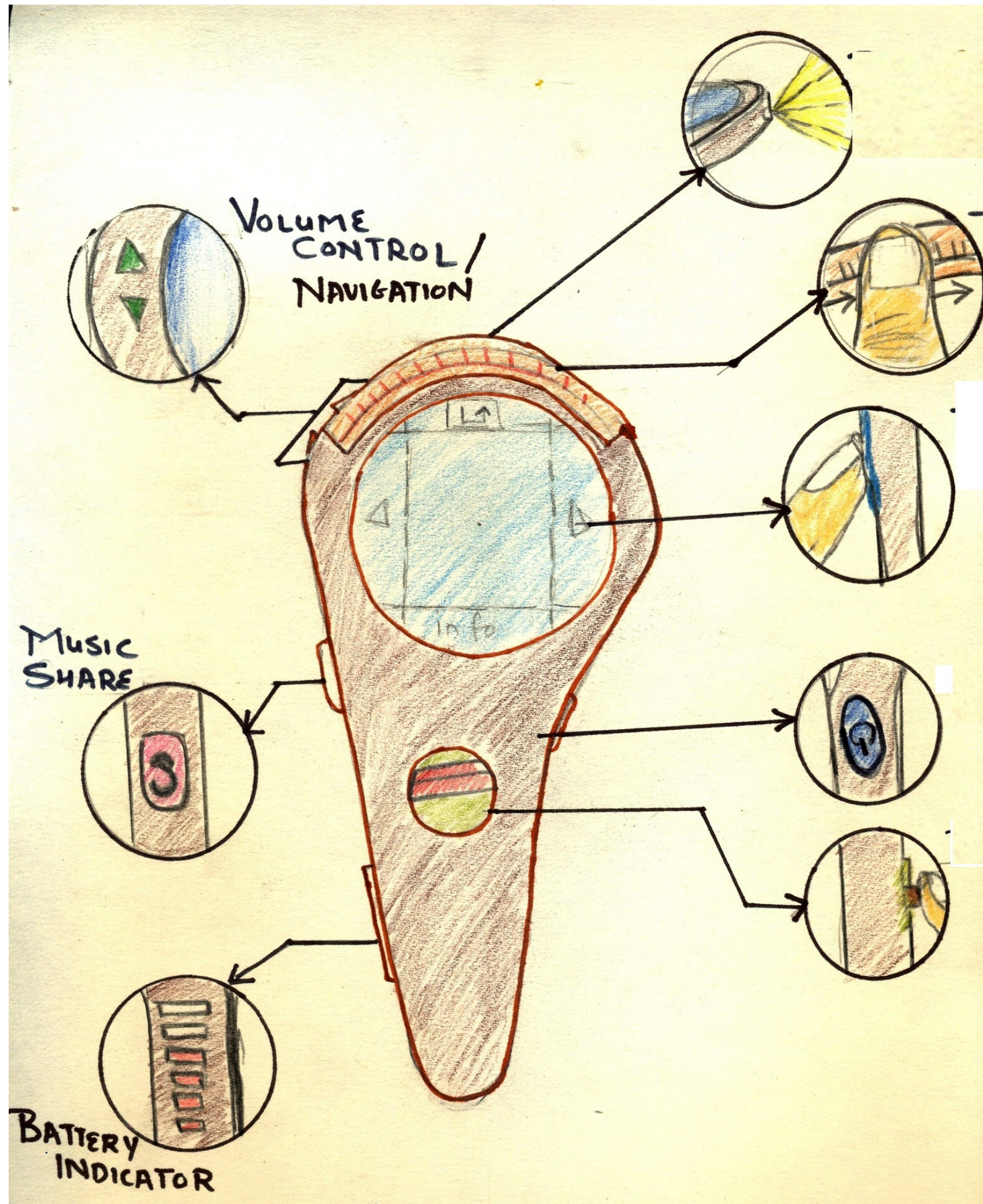
The display screen acts as a touch screen button base also and will allow change in controls as and when the particular interaction is required