

6 Installation and Connection

Connecting to TV

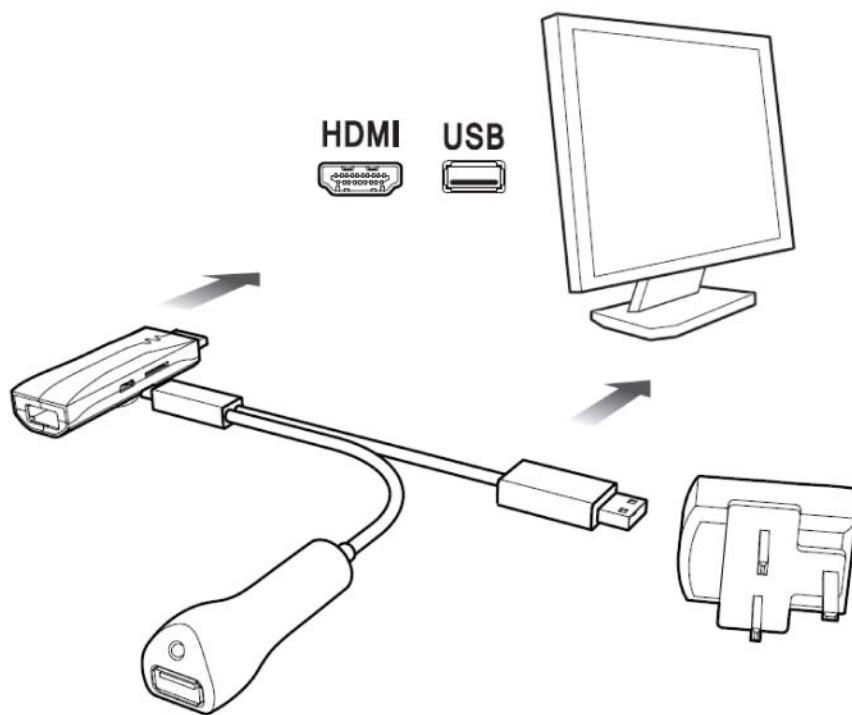
The TizzBird supports HDMI audio and video output for connection to a TV.

Connection to HDMI Out

Connect the TizzBird N1 HDMI to your TV. HDMI can also transfer the audio signal and no need to connect another cable for audio.

Power Cable Connection

Connect the power cable of TizzBird N1 to the TV USB port like below. If you experience some problem during playback, you may connect supplied power adapter.

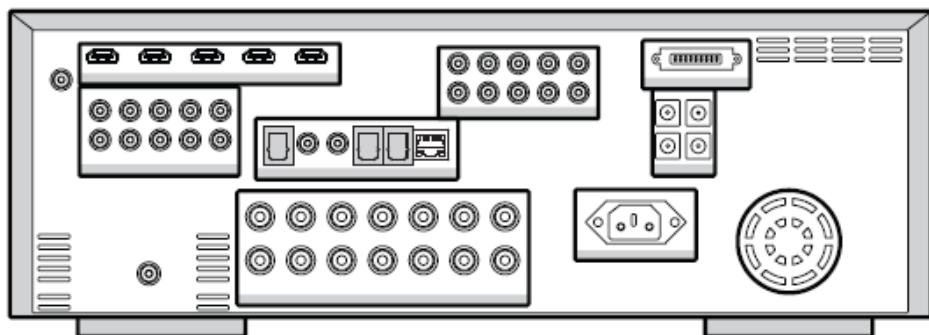
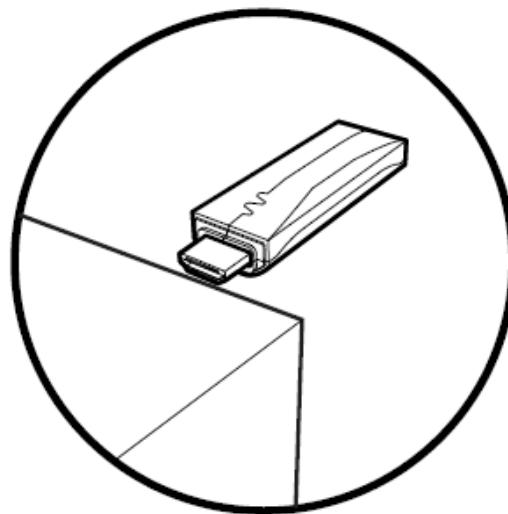


Connecting to AV Receiver

Tizzbird N1 can be connected to HDMI input AV receiver. Please select the appropriate input at the audio receiver using remote controller after connection.

Connection to AV Receiver

Connect the Tizzbird N1 HDMI to your AV receivers' HDMI input. Then connect the AV receivers' HDMI output to the TV input.

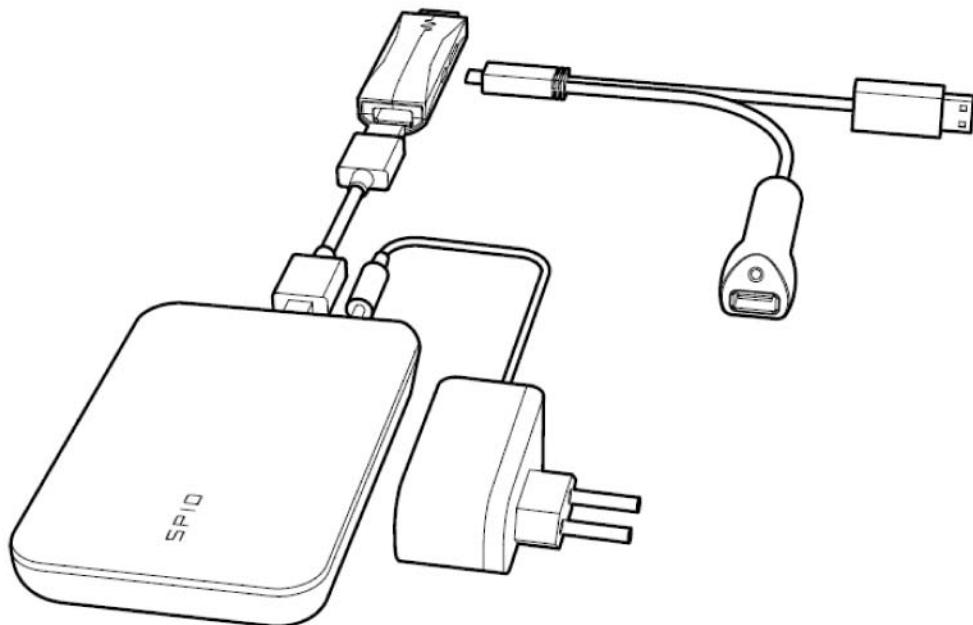


Connecting USB Device

TizzBird provides two USB 2.0 host ports to connect various external devices, such as FLASH MEMORY drive, external USB HDD enclosure, digital camera/camcorder, keyboard & mouse, or USB video-cam & microphone.

Caution!! → To connect any external 2.5" HDD drive, please DO USE EXTERNAL POWER SUPPLY of HDD or Y-CABLE for that. The N1 does not guarantee the power to drive the external HDD under any circumstances. The external HDD should be connected to the USB port of device, not USB port on the cable.

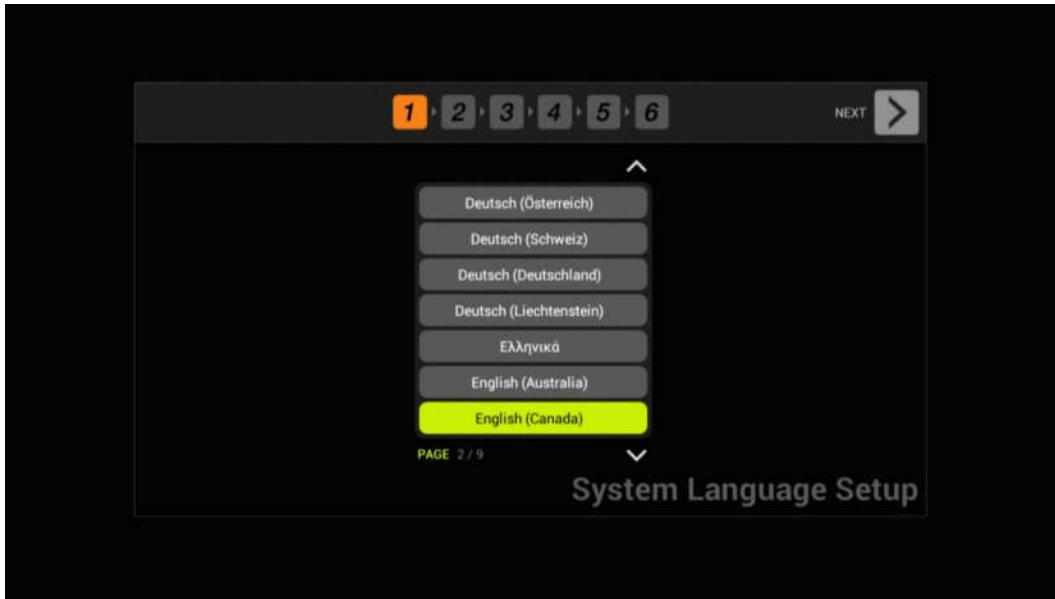
Recommendation→ The USB host port on the cable should be used for mouse, keyboard or flash drive. It's actually USB 2.0 OTG port so may cause compatibility or performance problem on some devices.



7 Initial Setup Wizard

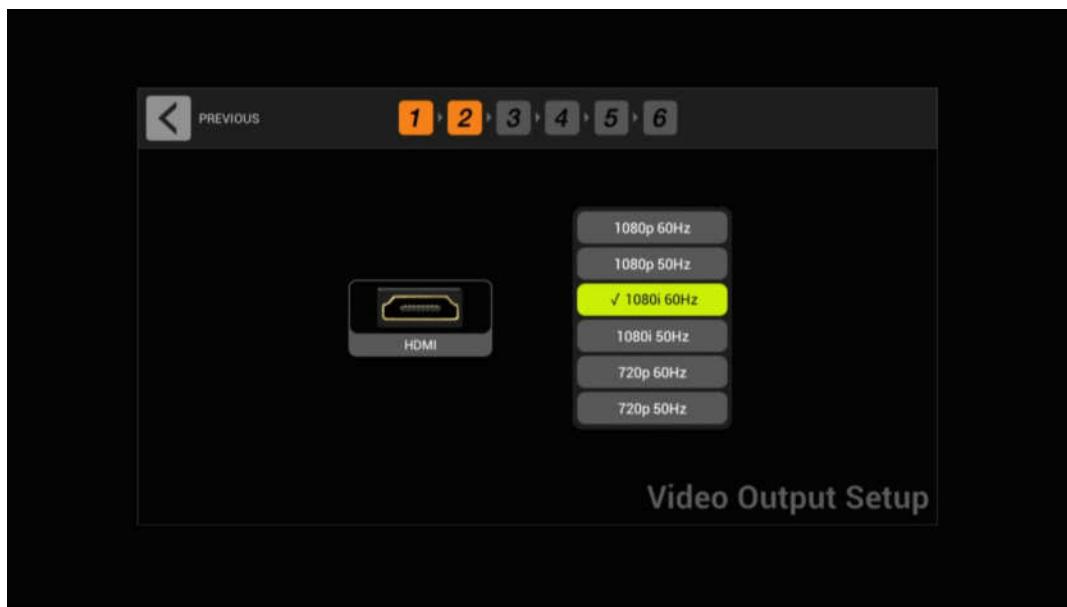
Initial setup consists of 6 steps of WIZARD style sequences. The sequence of WIZARD will be LANGUAGE SETUP → VIDEO OUTPUT SETUP → SCREEN FITTING → NETWORK SETUP → TIME&WEATHER SETUP → THEME SETUP The PREV/ NEXT button on the top side of each screen will bring the PREV/ NEXT step

1) Language Setup

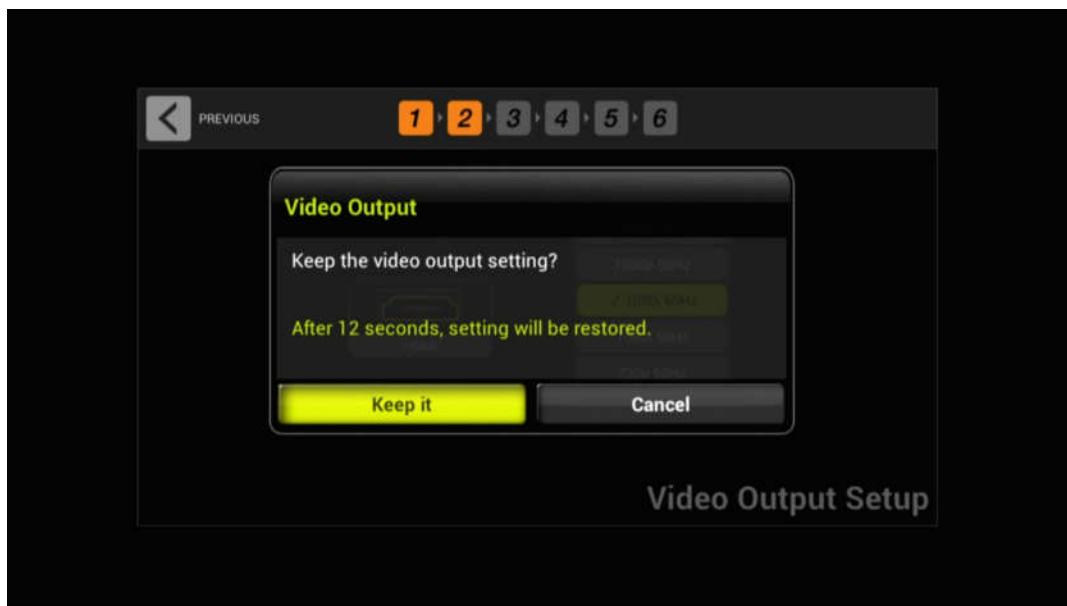


The first step is setup the menu language. The setup wizard will enumerate all the languages available at this moment. Please select one of the menu languages for your use.

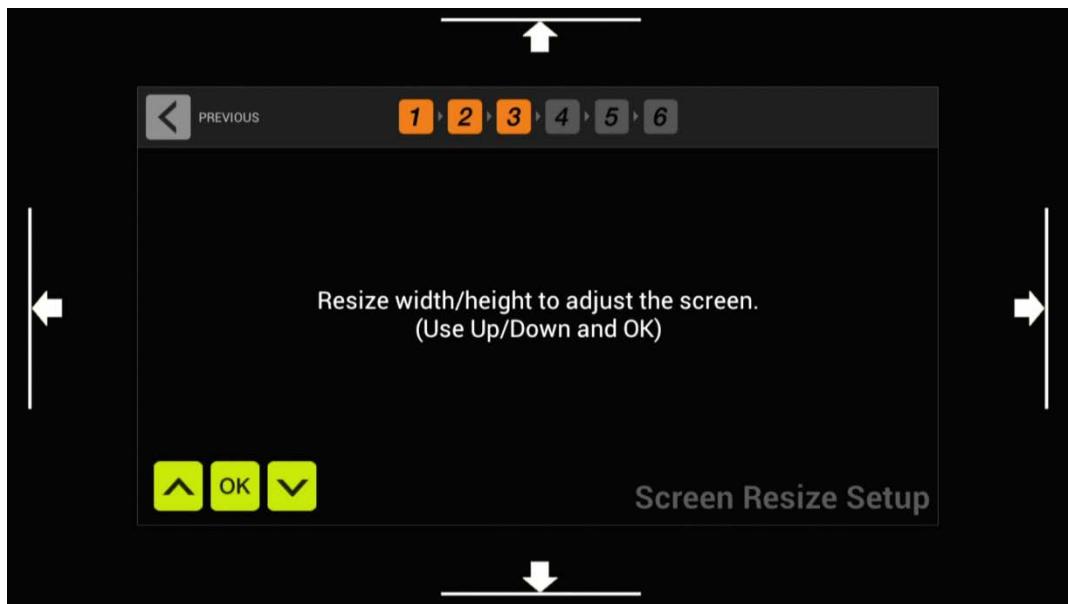
2) Video Output Setup



The video resolution selection screen will appear as above. Please select the appropriate video output for the display. If you select, the pop-up will ask you keep resolution change or not. If the pop-up screen will appear, please select "Keep It".

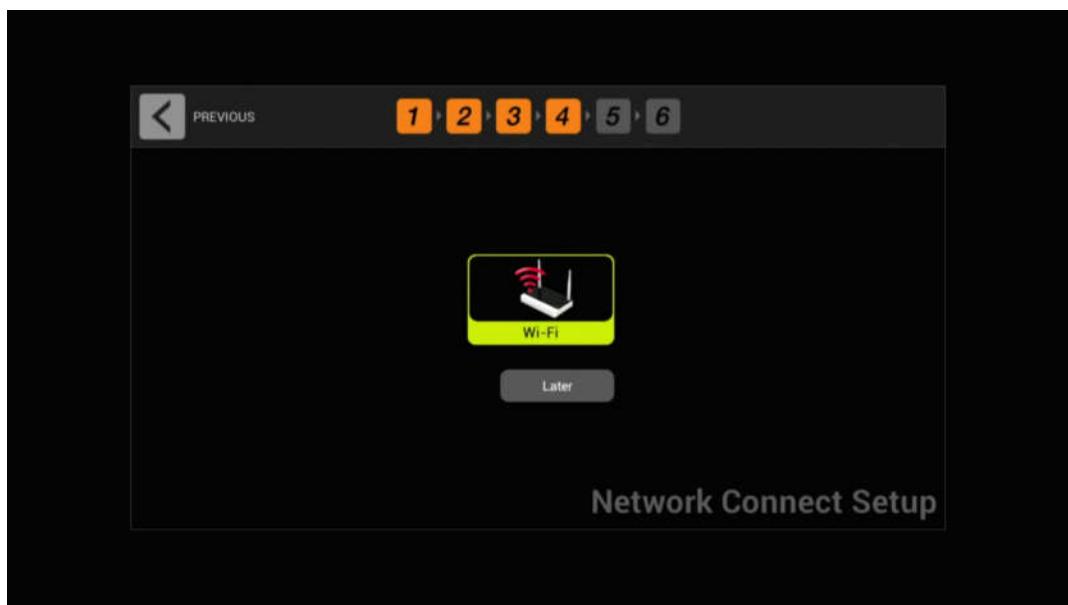


3) Screen Fitting Setup

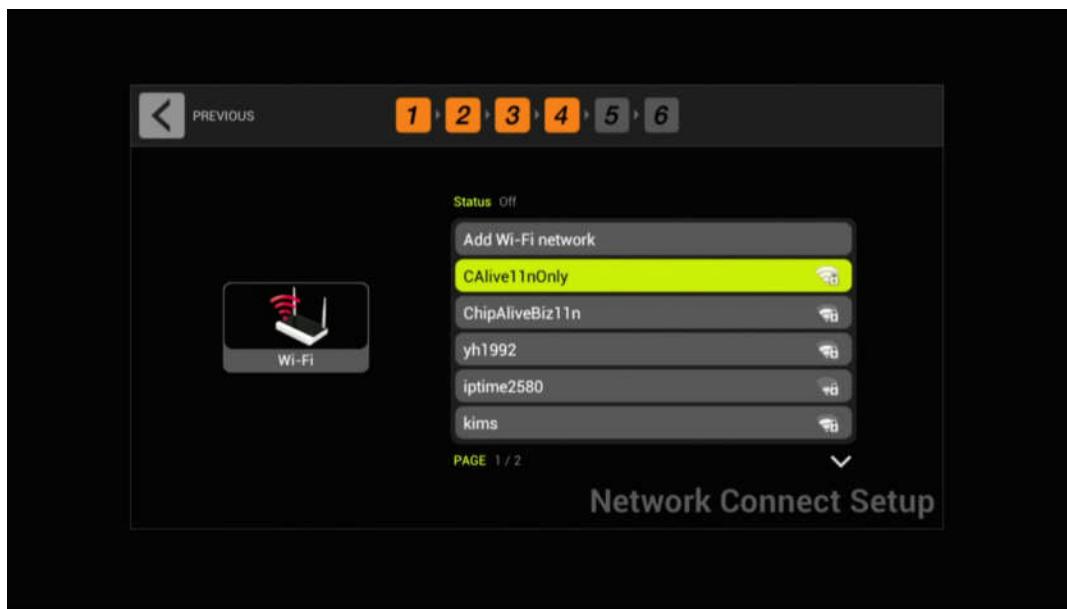


The 3rd step is fitting the screen size according to user's TV. Clicking UP/DOWN button at left-bottom side will increase/ decrease the screen size accordingly. Press OK when done.

4) Network Setup



The 4th step is setting up network. Wi-Fi can be configured here. If Wi-Fi button were pressed, the following screen will enumerate all available Wi-Fi AP. Select one of them and click it.

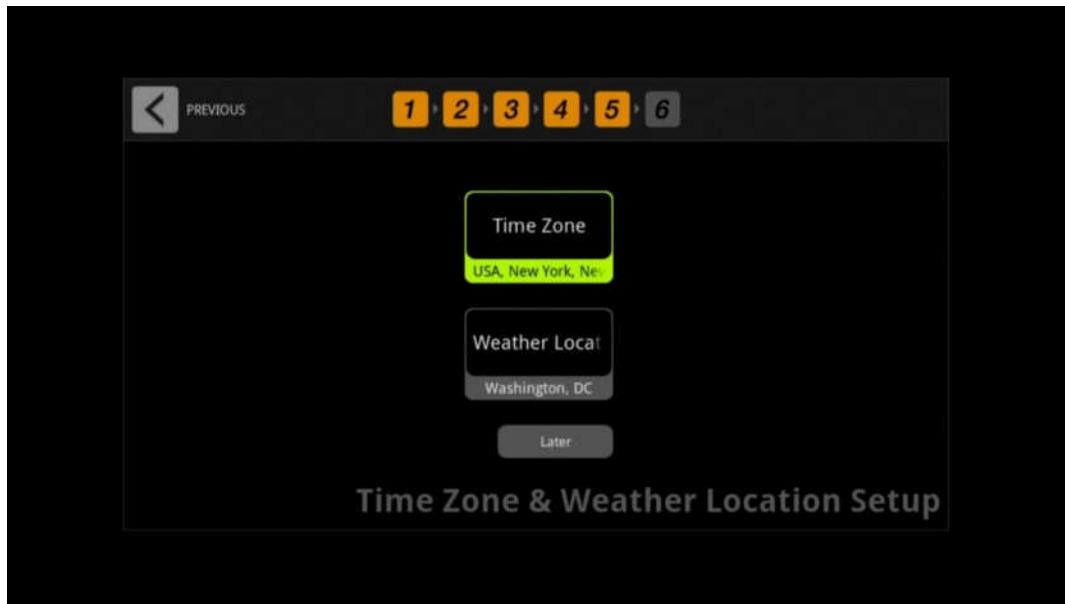


The next page screen will pop up to configure the Wi-Fi.

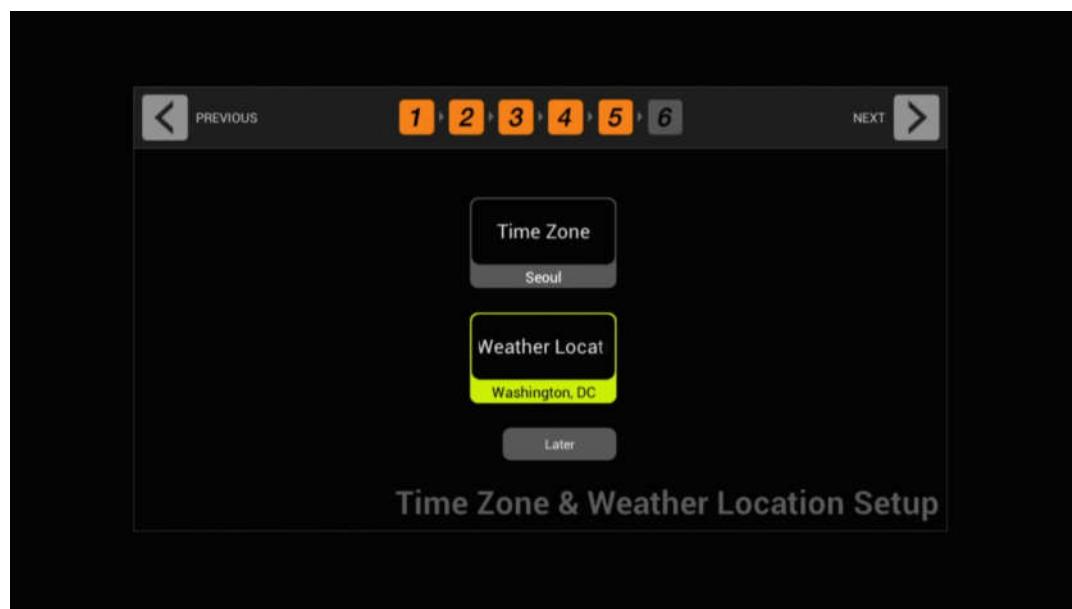


Typing the password will finalize the Wi-Fi setup and Internet connection will be made.

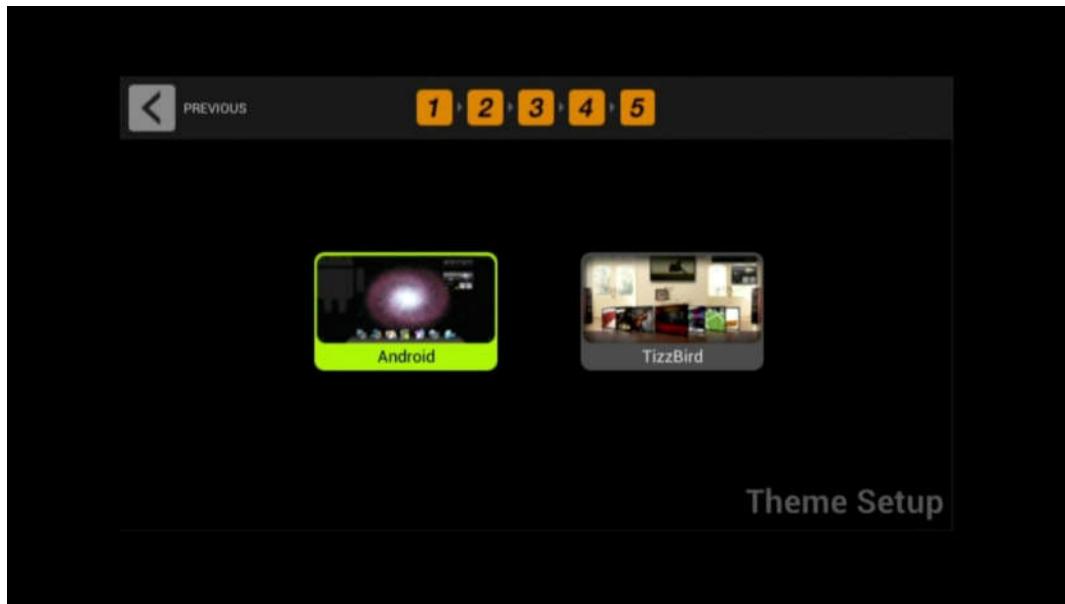
5) Time Zone & Weather Location Setup



The next step is setting up time zone and weather location. Tizzbird provides automatic setup for those as long as network is connected. To setup the time-zone, select the Time-Zone button as above screen. Then select "AUTO" if Internet is connected. Otherwise, you can manually input the time-zone. The weather location setup is almost the same. Select "Weather Location" then select "Auto" button if network is connected.

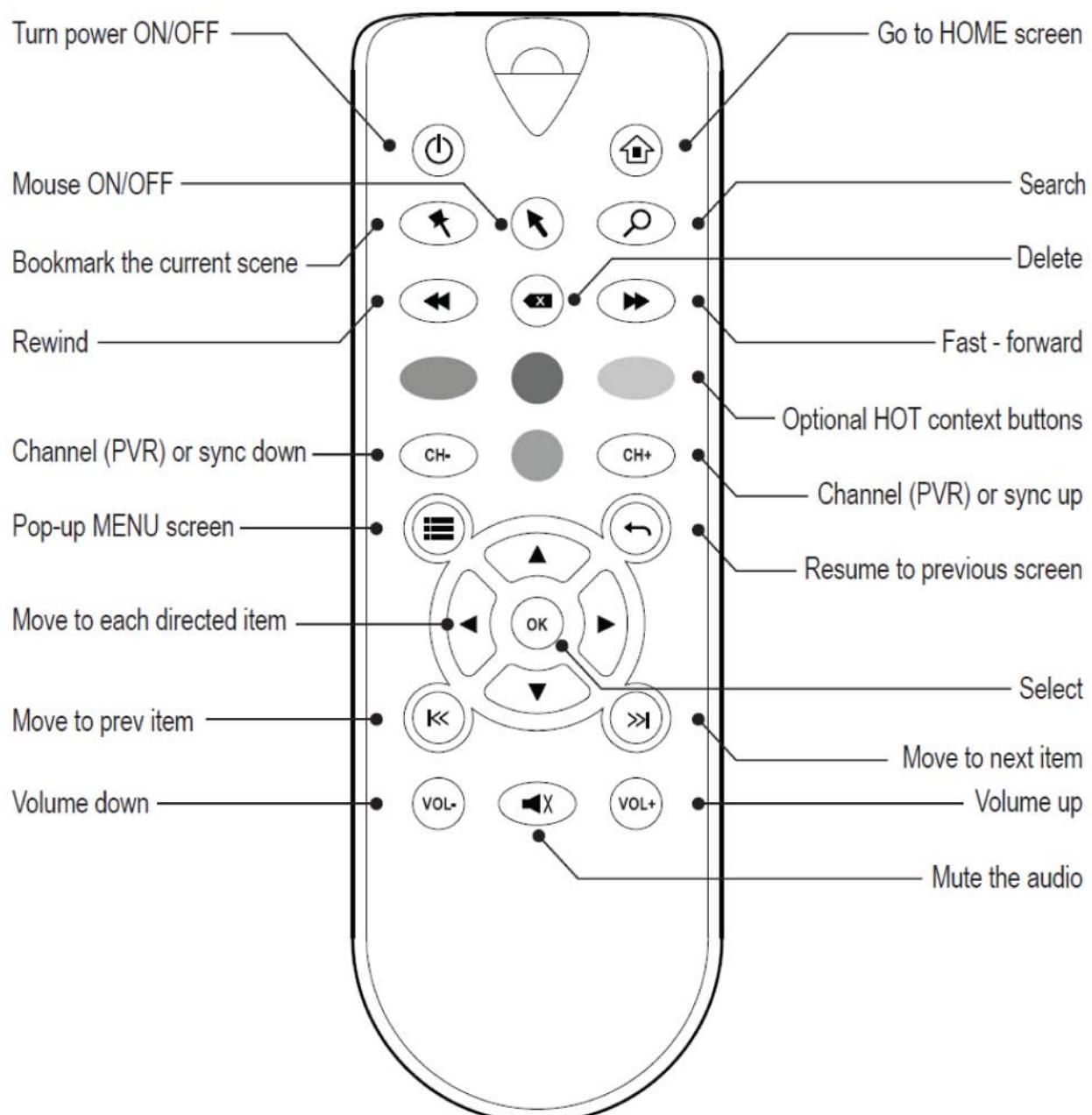


6) Theme Setup



The final step is setting up theme. Tizzbird N1 provides two type of theme, one is the Android theme, the other is Tizzbird classic theme. If you are familiar with smart phone user interface, please choose "Android". If you are more familiar with multimedia player, then choose TizzBird theme. The theme can be selected freely at settings later.

8 Using Remote Controller



9 The Home Screen (Android Theme)

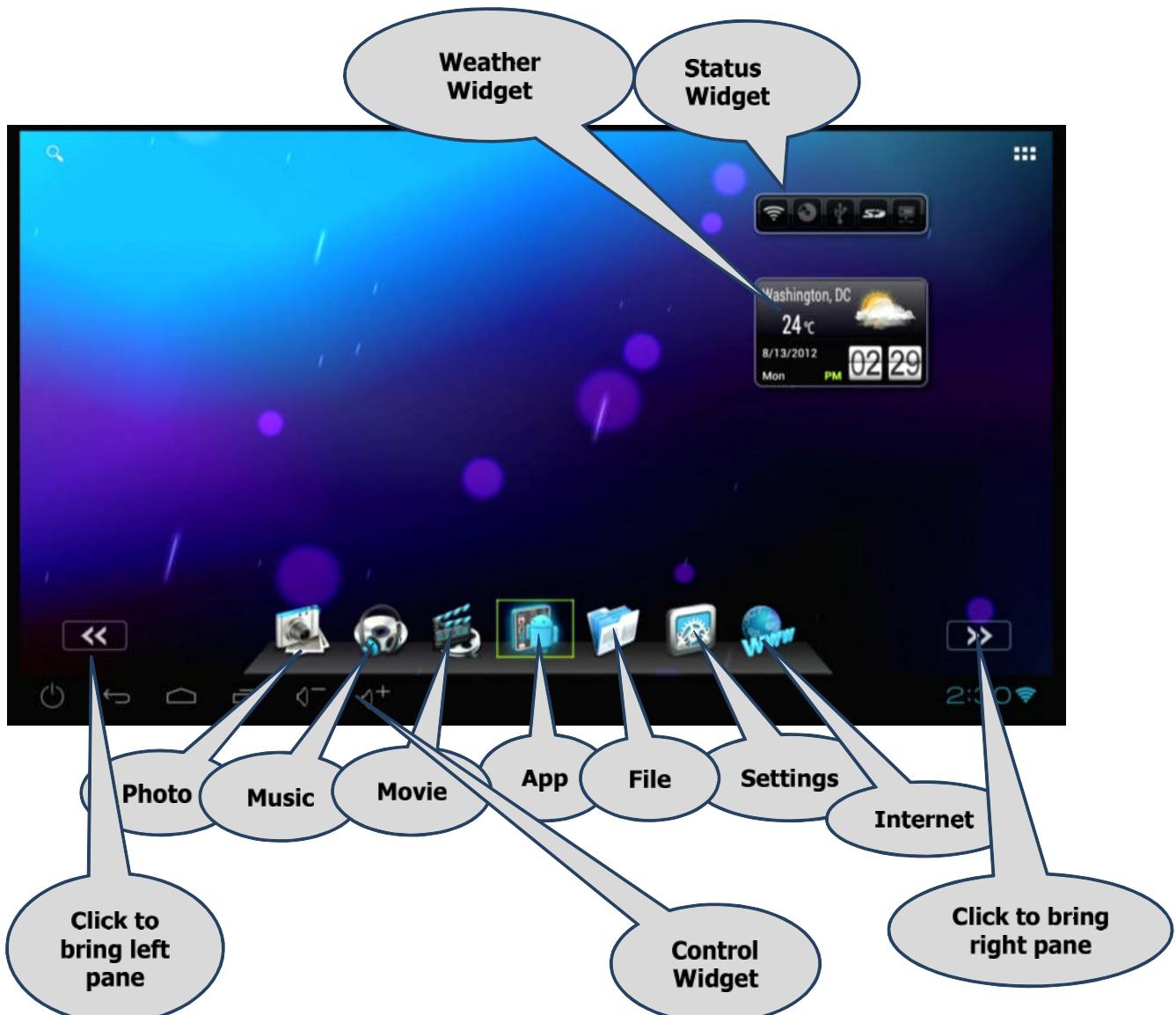
The HOME SCREEN is very similar with smart phone. The APPs can be located at the surface of HOME SCREEN freely, while the specific browsers like MOVIE/ MUSIC/ PHOTO/ FILE/ WEB/ APP browser will stick as icons at the bottom side of HOME SCREEN.

The several WIDGETs will help the user navigate thru the screen.

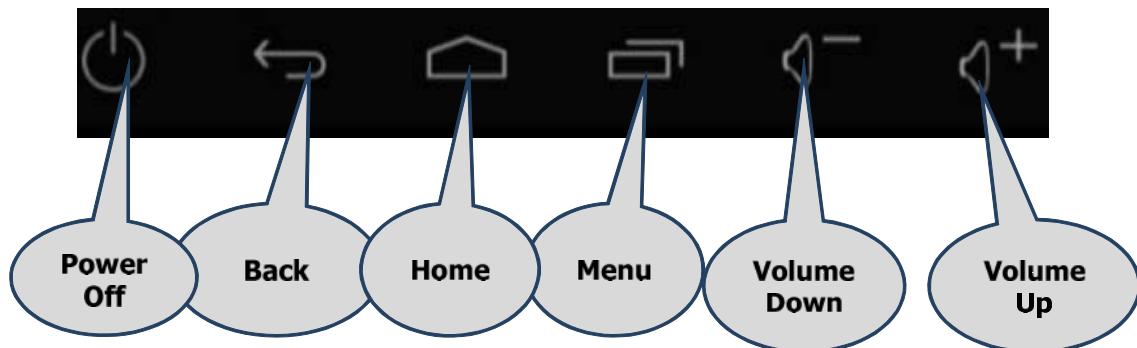
Weather Widget shows the weather, calendar and time.

Click the WEATHER WIDGET will bring the configuration screen of location and time-zone.

The apps at APP browser can be moved by long-press the apps and drag it to the home screen just like the smart phone.



The **CONTROL WIDGET** lets users control the SCREEN and VOLUME by MOUSE. *The CONTROL WIDGET cannot be accessible by REMOTE. It's because one of the nature of Android.* It's only accessible by MOUSE. The same functional buttons are on the remote already. Please use them.



The **STATUS WIDGET** shows current status of each device. It will highlight when activated.

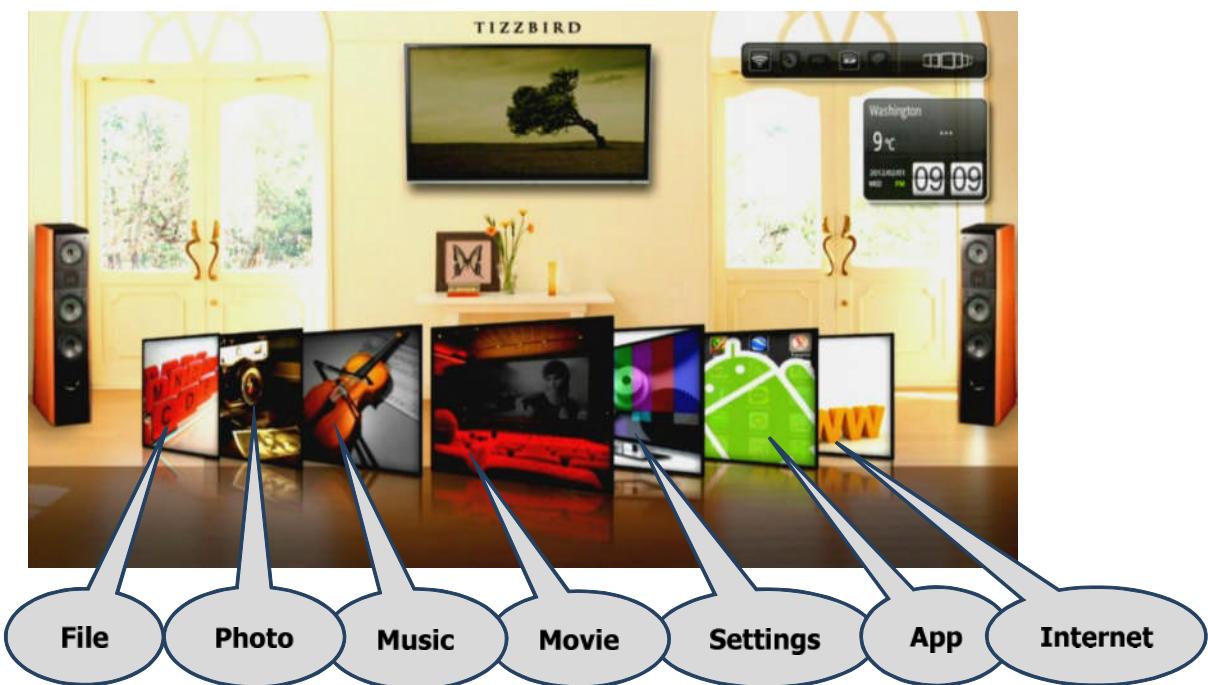


10 Start Up and Terminate

10.1 Home Screen (Tizzbird Theme)

The below HOME SCREEN will appear after booting up. It shows 7 different items. The each item can do the each designated browsing. For example, movies can be browsed at MOVIE BROWSER. HOME SCREEN consists of 7 browsers including (from left to right) FILE/ PHOTO/ MOVIE/ MUSIC/ SETTINGS/ APP/ WEB browsers.

To execute each browser, select the browser by arrow buttons on the remote and press <OK> button.



The default selection would be MOVIE BROWSER at first start-up. TizzBird is the unique unit compared to other units, since it retains consistent user-interface based on the powerful database feature of Android OS. TizzBird provides full featured cover-view and imaged oriented browsing, which is highly intuitive. The other units can only provide user interface, mostly text based information with additional images.

- Movie Browser:** Register all movie files and let you browse them on poster based.
- Music Browser:** Register all music files and let you browse them on album-art based.
- Photo Browser:** Register all photo files and let you browse them on folder image based.
- Settings Browser:** Browse available settings.
- App Browser:** Browse registered applications and let you select and execute them.
- Web Browser:** Let you surf Internet.
- File Browser:** Browse files and folders based on the device based. (Legacy mode)

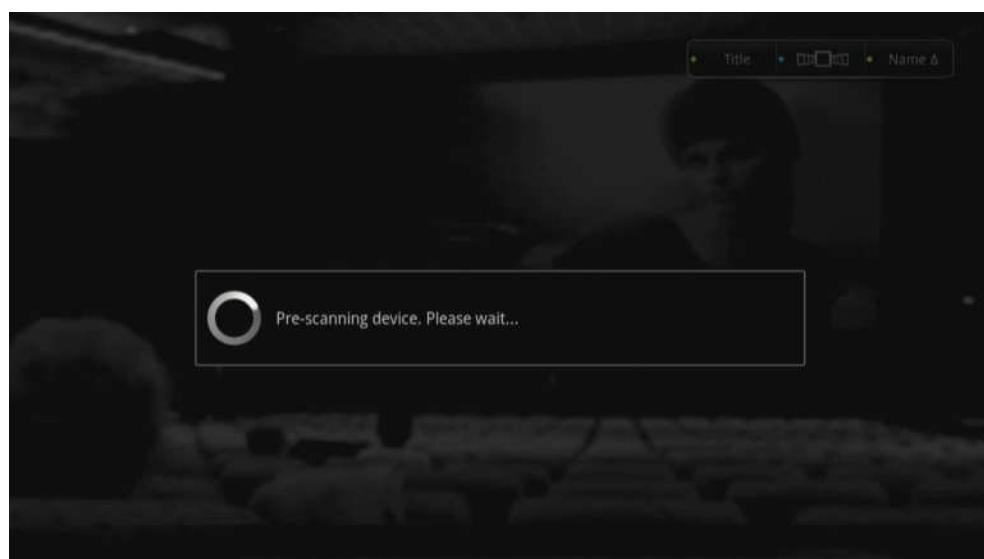
10.2 Cover-View Style

TizzBird provides Open-GL 3D based Cover-View user interface. But unlike F20 and F30, N1 only provides the fixed mode of Cover-View style at each mode.

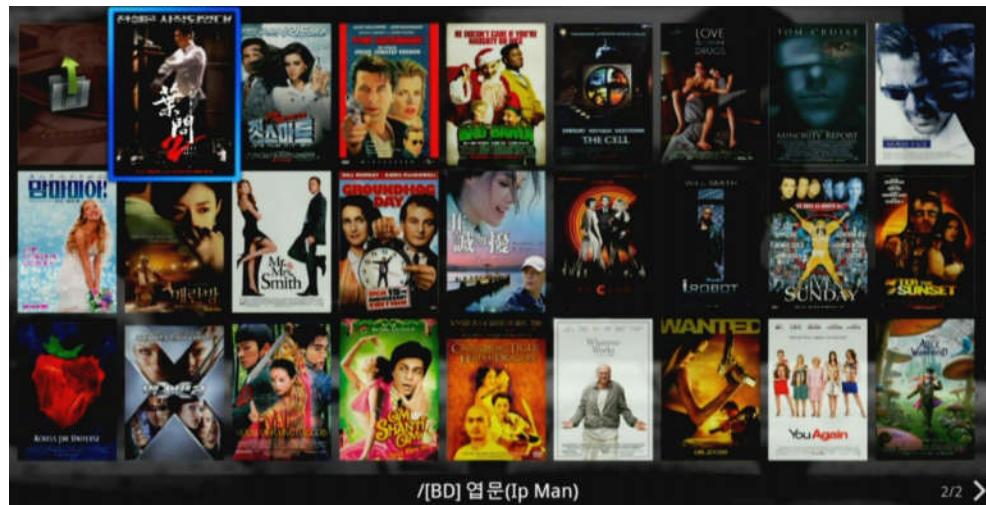


10.3 Movie Browser

Movie browser will scan movie files on the devices when booting first or attaching external device thru USB. It will take several minutes (depends on size of HDD) for the 1st scanning. Once it's scanned, it will take much less time on next boot.



If movie posters are available for the movies, then cover-view screen like below will appear.



10.4 Turning Power Off, Completely Power Off

To turn off the power, press **<POWER>** button on the remote or press power key on the front panel. The unit will be in "STAND-BY" status.

Press power button on remote control more than 1 second will bring up the following POWER-OFF DIALOG BOX.



Power Off → Turn off power completely

Reboot → Reboot the system

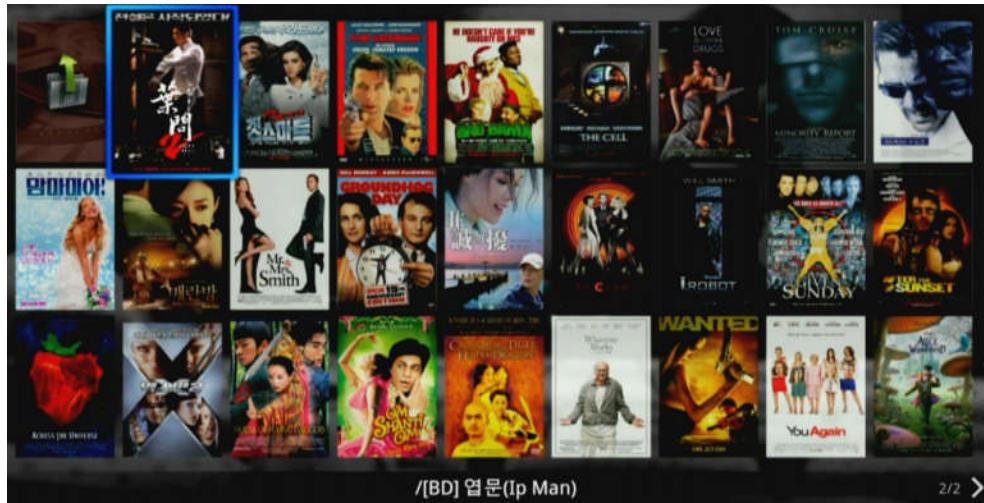
Stand-by → Make it suspend mode

This unit supports high speed booting mode from STAND-BY. It takes less than three seconds to resume to the normal operation status from STAND-BY mode.

11 Watching Movie

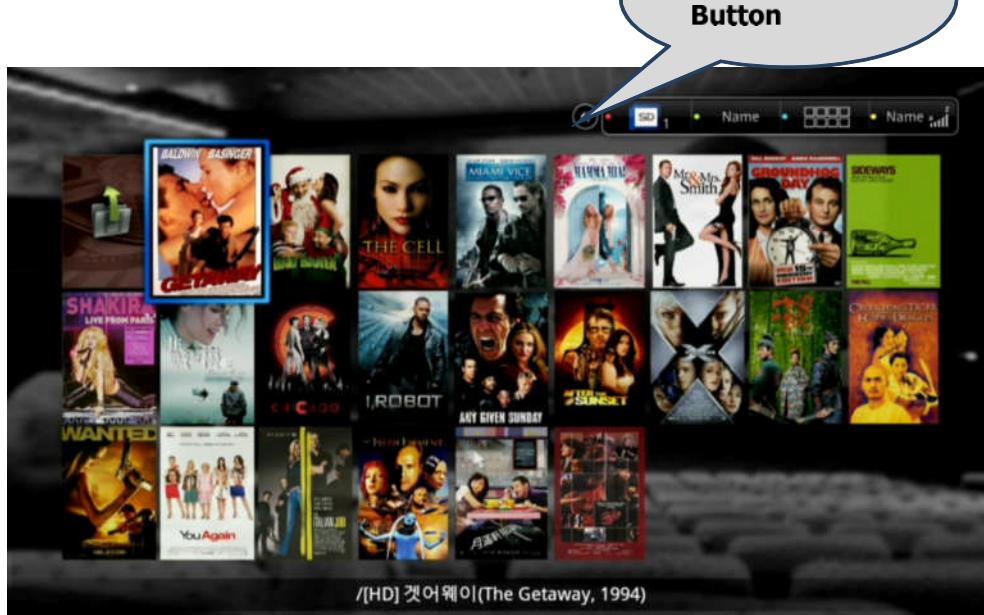
11.1 Movie Browser

If MOVIE BROWSER is selected and if the posters were already scraped or registered for movies, then the following screen will appear. This screen is called "MOVIE BROWSER" screen. Up to 15 movies can be browsed at once per page. Arrow keys can be used to navigate thru posters. Keep press arrow key to browse continuously.



11.2 Control Widget at Browser Screen

The each specific browser was changed to support the control widget. Clicking the control pop-up button will bring the CONTROL WIDGET.

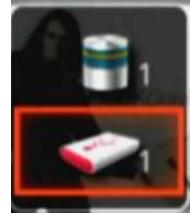
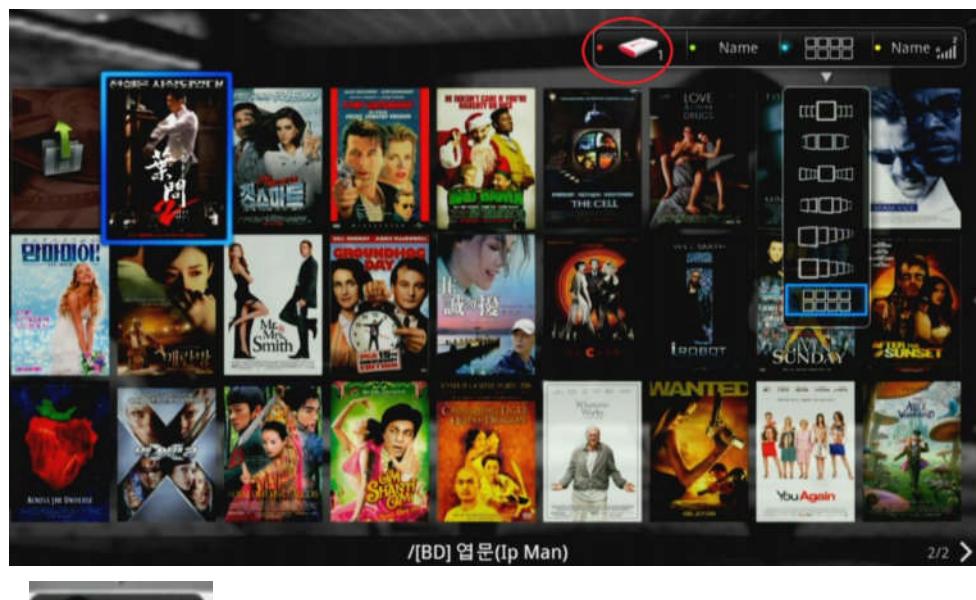




The control widget bar will appear to control the overall behavior of the browser.

11.3 Selecting Device

The attached device can be selected by RED color button on the remote, like below picture. This kind of device selection can be also available at MUSIC and PHOTO BROWSER.

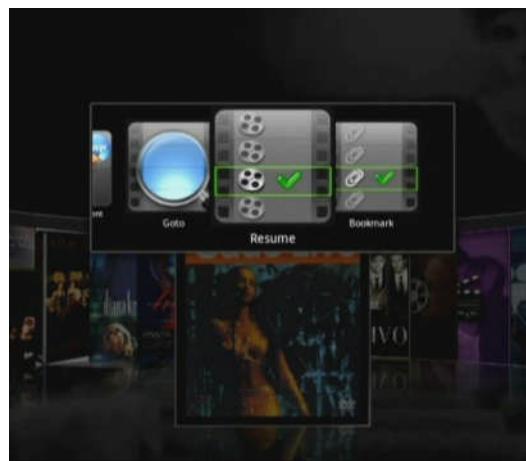


[Device Selection]

Selecting DATABASE will scan all the movie files on every device and show them. Selecting each device like HDD, USB or NETWORK DRIVE will just show the folders on that device. It will show the <Movie> folder on that device and will be browsed by FOLDER BASE.

11.4 Movie Browser Menu

<MENU> button at “MOVIE BROWSER” can be used to do various actions including searching movies, scraping movie posters, jumping based on bookmarks & resuming lists. Press <MENU> button on the remote.



“SEARCH” menu like above picture lets you search the movie quickly based on the title names and other information. Press <OK> to bring the following image. Use <UP> or <DOWN> arrow key to select the index, <LEFT> <RIGHT> arrow key let you change the digit of the wheel control, so titles can be browsed fast. Press <OK> to bring the poster of the selected movie.



11.5 To Add Movie Poster

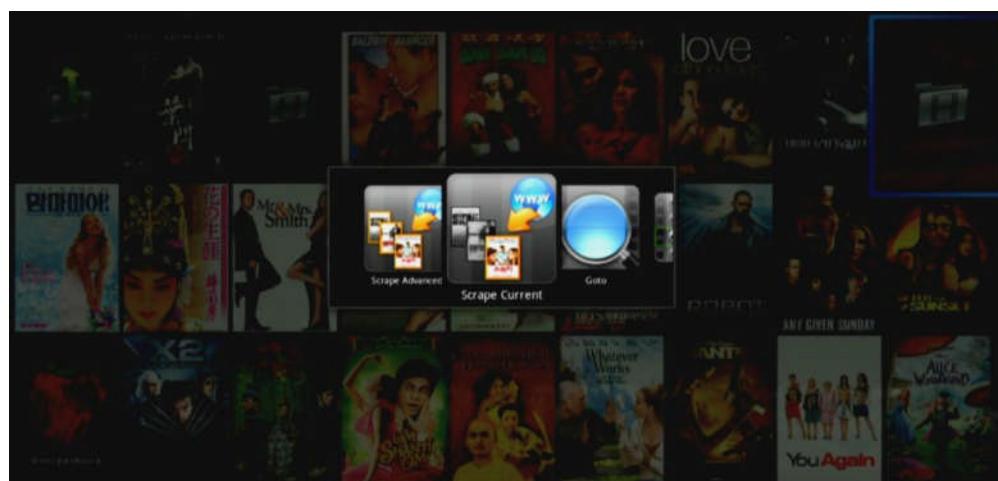
Movie posters should be added to make fancy movie browser like following screen. TizzBird has built-in poster downloader inside called <SCRAPER> which means scraping the movie information from network. Network should be connected before scraping movie posters. Please refer to section 8.8 to configure network settings. If movie does not have poster, the default image will appear like following screen. Press <MENU> to add movie poster.



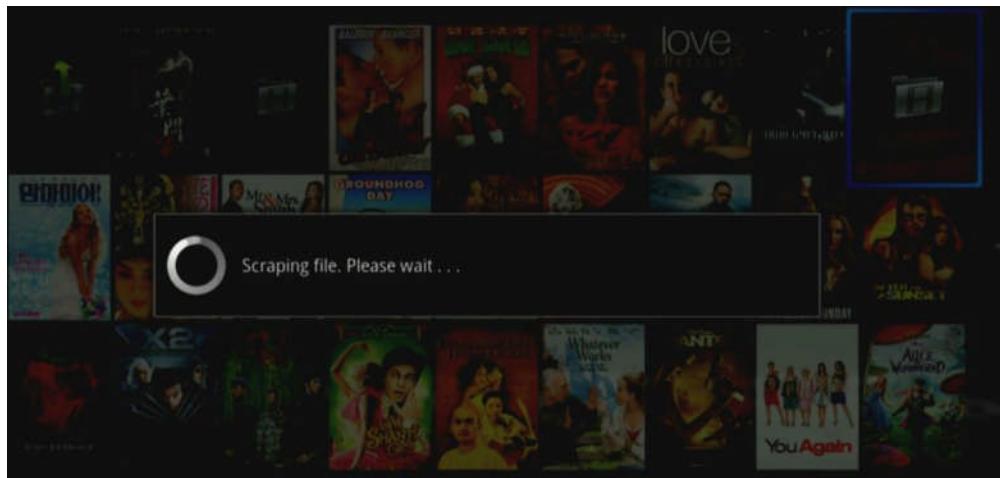
/[HD] 갯 스마트(Get Smart, 2008 VC-1)

2/2 >

Select <Scrape Current > on the menu and press <OK>.

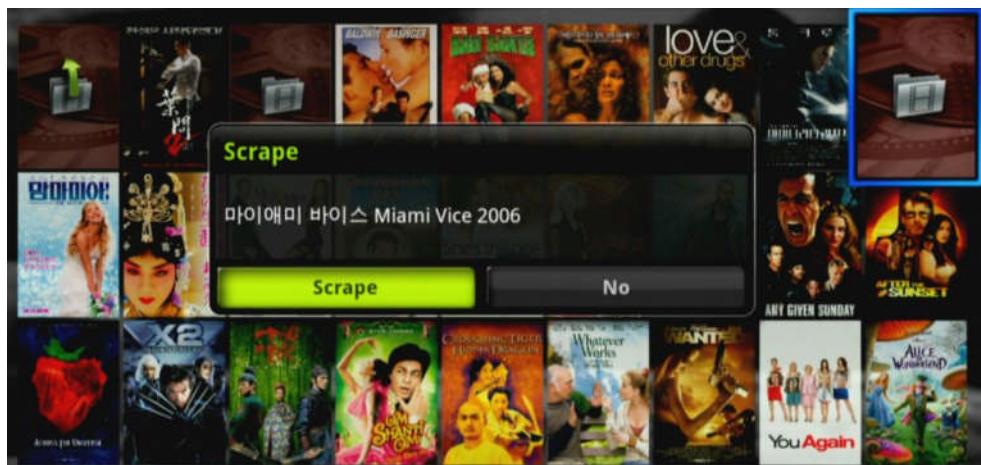


The following screen will appear when start scraping.



The scraping will be performed based on the file name, so there can be a chance the file name is not correct or not good enough. In this case, scraping can be tried again on the same file. The dialog box will be pop-up to enter or revise the file name to scrape. Click the dialog box with mouse to bring the virtual keyboard, so the scraping file name can be changed.

Press **<DOWN>** button on remote or click **<SCRAPE>** button on the dialog to restart the scraping.



- ※ It's quite tedious to do the same things on all movies. There is a menu items to simplify those jobs. <Scrape Advanced> will run on the background since it will take quite long time to do the scraping. Movie can be playback still while the background job is running.

Scrape All: Ignore previous scraping results, and restart scraping for all movies.

Smart Scrape: Find not scraped files and start scraping.

Scrape Files in the folder: Scrape all the files on the designated folder.

- ※ <Scrape files in the folder> is the only available item at the DEVICE mode.

11.6 Synopsis Screen

The scraping consists of two steps. One is getting the movie poster, the other is getting the filmography including synopsis of the movie. If scraping is successful, the following screen will come out as a next when the poster is selected.

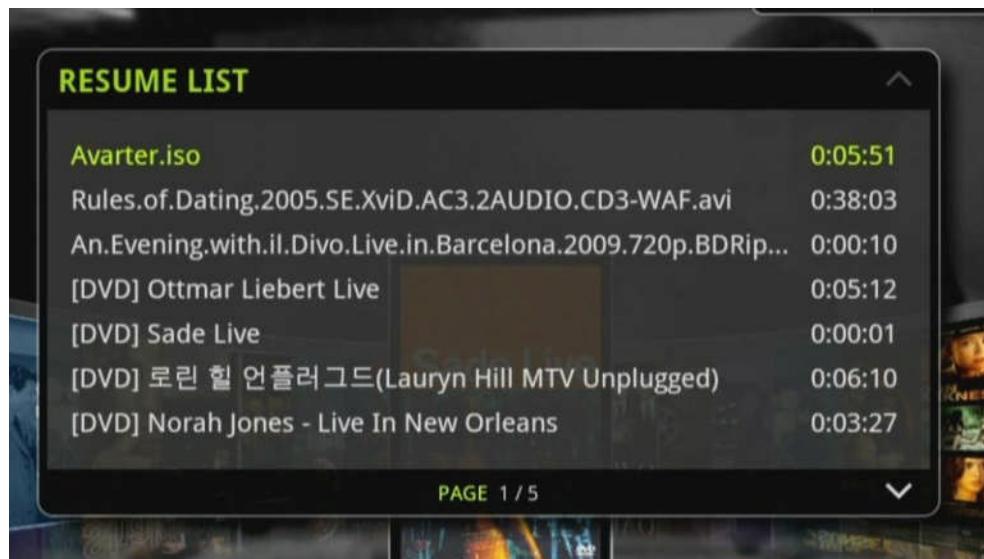
It shows a synopsis, running time, release year, genre, director and actors.



The bottom side of the synopsis screen shows the additional movie information like rating, movie format & resolution and audio information. Click the "start" button on the synopsis screen or press "OK" button on remote to start playback movie.

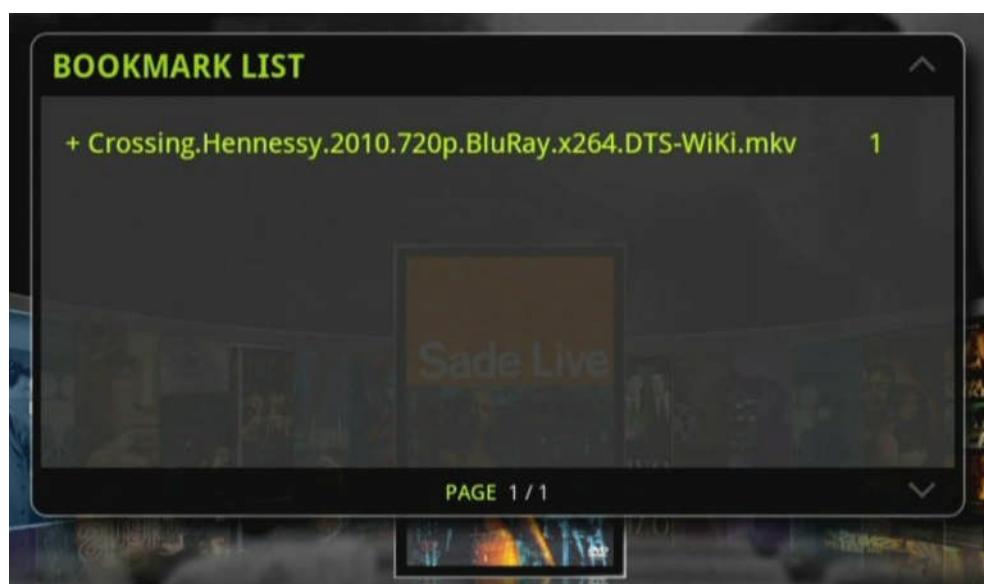
11.7 Resume and Bookmark

TizzBird provides RESUME function to the last playback position of movie, so it's not necessary to search it again manually. Press **<MENU>** button at MOVIE BROWSER and select **<RESUME>** menu to pop-up the resuming list. The resume list will appear like following image. Select wanted movie to resume to last playback position.



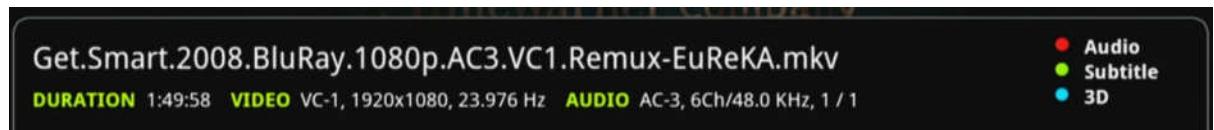
TizzBird also provides BOOKMARK function to memorize the scene position of movie. Press **<BOOKMARK>** button to memorize at wanted scene when playback the movie.

Press **<MENU>** button at MOVIE BROWSER and select **<BOOKMARK>** menu to pop-up the bookmark list. The bookmark list will appear like following image. Select wanted movie and position to resume to bookmarked position.



11.8 Movie Playback Menu

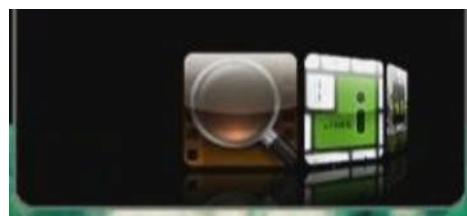
The information pane will appear at bottom side of screen as soon as movie starts like below picture.



It will show title, running time, video and audio types. It also shows color buttons on the remote that can be used to control movie playback.

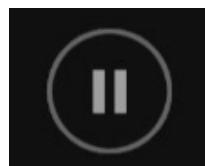
- RED color button: Select audio
- GREEN color button: Select and control subtitle parameters.
- BLUE color button: Select video parameters and 3D movie types.
- YELLOW color button: Show movie playback information.

TizzBird provides various control functions during movie playback. These functions include <TIME/CHAPTER SEARCH>, <INFO>, <SUBTITLE>, <AUDIO> and <VIDEO> settings. Most of functions can be activated by pressing <MENU> button. Press <MENU> button to pop-up the following menu screen.

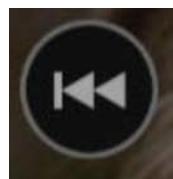


11.9 Playback Speed Control

TizzBird provides various playback speeds and skip controls during playback including PAUSE/ FAST-FORWARD/ REWIND/ PREVIOUS/ NEXT.



Press <PLAY/PAUSE> button to play or pause the playback.



Press <PREV> or <NEXT> button to skip to previous or next chapter.



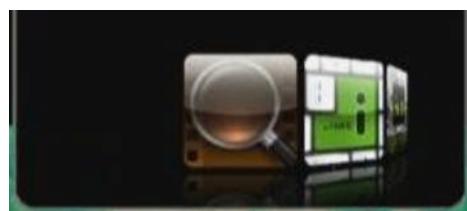
Press <FF> button to fast-forward playback. It will change from 4x > 8x > 16x > 32x then again 4x if press continuously



Press <REWIND> button to rewind playback. It will change -4x > -8x > ...

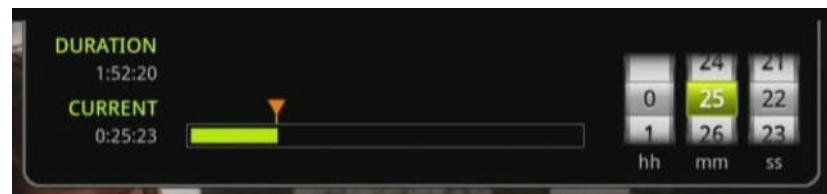
11.10 Searching Menu (Time, Chapter, Bookmark)

Press <MENU> button and select following image to search the movie by time, chapter or bookmark.



Select <SEARCH> image.

The following screen will appear after selecting <SEARCH> menu. Playback time position can be changed by arrows keys at wheel user interface. The CHAPTER or BOOKMARK field can be also appeared if they are available.



Press <UP> or <DOWN> key to select time.

11.11 Playback Information Menu

Select <INFO> image at movie playback menu to confirm the movie playback information.



Select <INFO> image.

The movie information and current playback position will appear like following image.



11.12 Subtitle Menu

Select <SUBTITLE> image at movie playback menu to control the subtitle language, position, size, sync and font



Select <SUBTITLE> image.

The subtitle position would be lowest bottom side at 100% and would be top at 0%.



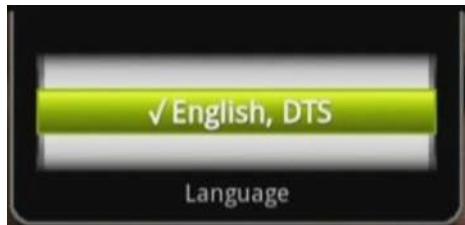
11.13 Audio Menu

Select <AUDIO> image at movie playback menu if multiple audio tracks are available.



Select <AUDIO> image.

Press **<OK>** after selecting audio format or language audio to change the audio track.

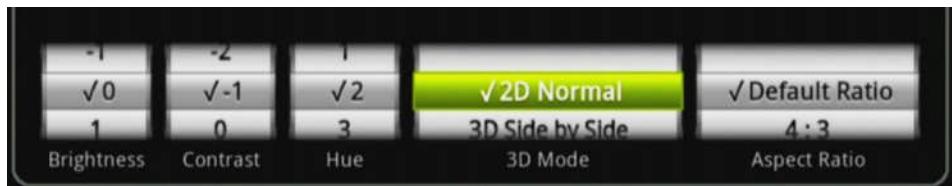


11.14 Video Parameter Menu

Select **<VIDEO PARAMETER>** image at movie playback to change the video parameters like brightness, contrast or hue.



Press **<OK>** after selecting the value to apply.



11.15 Playback 3D Format Movies

TizzBird supports 3D files, if 3D display is available. The supported formats are SIDE-BY-SIDE and TOP-AND-BOTTOM.

- If file name contains 3D and SBS (or TNB) string, then it will turn TV into 3D mode automatically.
- If file name does not contain 3D string, but it contains actually 3D contents, then BLUE button can be pressed to switch the TV into 3D mode.
- The subtitle and menu will be switched 3D mode automatically as well.

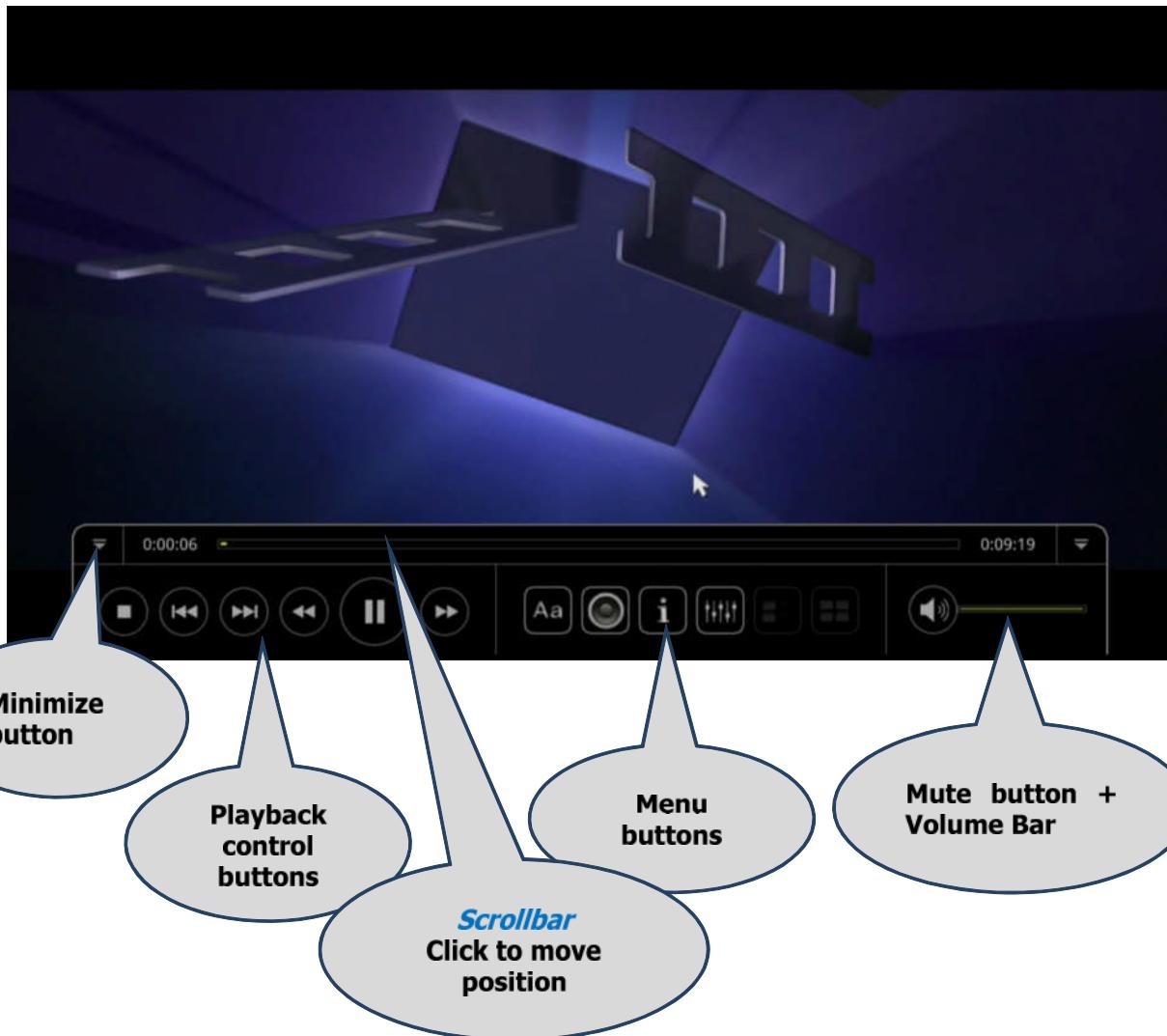
11.16 Skip Playback Position

Press **<UP>** or **<DOWN>** key during movie playback to skip movie playback position. The skip duration can be configured at **<SETTINGS BROWSER> → <MOVIE> → <SKIP DURATION>**. This function is quite simple to use to skip to the wanted scene

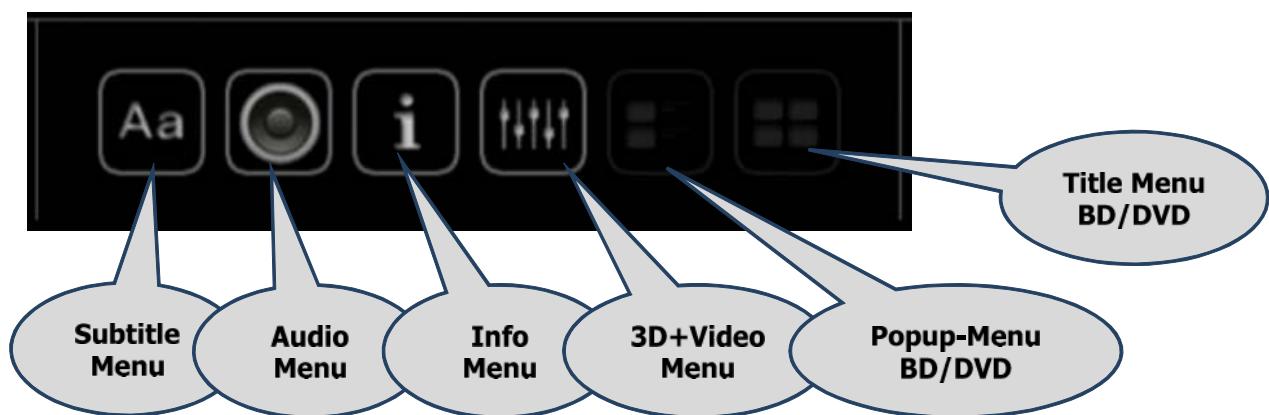
- . **<UP> button →** Skip forward
- <DOWN> button →** Skip backward

11.17 Movie Playback Controller

The MOVIE PLAYBACK screen was changed as well to support the MOUSE. The CONTROLLER will pop up when *LEFT CLICK MOUSE* button.



The **MENU BUTTON** group consists of several menu buttons.



12 Listening Music

12.1 Music Browser

The following MUSIC BROWSER screen will appear if music files contain the album art at their tags. Press *<LEFT>* or *<RIGHT>* keys to move each direction. Keep pressing arrow keys to browsing continuously. The album-art screen will keep changing.



Press *<MENU>* button to bring *<SEARCH>* or *<SCRAPE>* menu just like MOVIE BROWSER.

