- From the Registration screen (Transfer), click Transfer Video now and select the location of the internal storage or USB (the device) as the target destination for the registration video (created in step 6) and click Start.
 - Locate the created file, copy and paste it into the new drive letter corresponding to your device's storage location.
- 10. From a Home screen, tap Apps → My Files
- Locate your registration DivX video file and tap the file to play it. Once you play the registration file on your device, your registration is complete.
- Return to the DivX VOD Manager screen (from within your computer's DivX Player) and confirm both your computer and your new device appears in the list of registered DivX devices.

Important! There is no special registration or configuration necessary to playback DRM-free DivX movies.

Registration of your device is only required for playback of protected DivX material.

Gallery

Your large LCD screen provides high-resolution display of photos and videos. Use the Gallery to view, capture, and manage photos and videos.

Selecting Photos and Videos to View

- Tap Albums to display other ways to group your photos and videos. Options are:
 - Albums: Based on the folder in which they are stored.
 - Locations: Based on where taken
 - Time: Based on the time taken.
 - Person: Based on face tags applied.
 - Group: Based on group tags applied.
- 3. Tap Camera to launch the Camera app.
- **4.** Tap **Menu** to display the following options:
 - Select album / Select group: Tap one or more albums or groups that you want to share, stream to another device, or delete.

Viewing Groups of Photos and Videos

- 1. From a Home screen, tap Apps → Margan Gallery.
- Tap a category and then a group to view it. Thumbnails for each photo and video in the group display.
- 3. Tap Slideshow to view a slideshow of the available pictures and videos.
- 4. Tap Menu for these options:
 - Select item: Tap one or more items that you want to share, stream to another device, or delete.
 - **Group by**: Further group this group by Location, Time, or Tags, depending on the way you chose the group.

Viewing Photos and Videos

- From a Home screen, tap Apps → Gallery.
- Select a category and then a group to view it, and then tap a photo or video thumbnail.
- 3. Tap the screen to show or hide Gallery options.
- Tap the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to "Pinch" on page 31.

- 5. Sweep across the screen to display the next or previous photo or video. (Videos are indicated by the Play button.) The current photo or video is outlined in the thumbnails at the bottom of the screen. Tap a thumbnail to view the photo or video it represents.
- 6. Tap Share to use Group Cast, Picasa (photos), Photo editor (photos), Google+, Bluetooth, Wi-Fi Direct, Messaging, Gmail, Email, or YouTube (videos) to share the photo or video.
- Tap Delete to delete the photo or video being displayed. Tap OK to delete the photo or video or Cancel to exit.
- 8. Tap Slideshow to view a slideshow of photos and video thumbnails in the category. Tap the screen to stop the slideshow and view the photo or video being displayed.
- 9. Tap Menu to display the following options for photos:
 - Face tag: Activate/deactivate face tag technology for people in your photo.

- Copy to clipboard: Copies the current image to your device's clipboard.
- **Rotate left**: Allows you to rotate the picture counterclockwise 90 degrees.
- **Rotate right**: Allows you to rotate the picture clockwise 90 degrees.
- Crop: Allows you to crop the image. Tap and drag the crop box or the sides or comers of the crop box to create the crop area, then tap Ok. Tap X to stop without cropping the picture.
- Edit: Launches the Photo Editor with the current image selected.
- Show on map: This option displays if a Location exists for the
 photo. A Location is added to the photo if GPS tag is set On in
 the Camera settings. Tap this option to open the Map app and
 display the Location where the photo was taken. For more
 information, refer to "Camera Settings" on page 105.

Caution! Be aware that your location may be present on a photo when posting your photos on the internet.

 Set as: allows you to assign the current image as a Contact photo, Home screen, Lock screen, or Home and lock screens

- Buddy photo share: allows you to share the current image with detected person in the photo. The subject tag can be added or deleted.
- **Print**: Print the current photo to a compatible Samsung printer.
- **Rename**: Changes the filename associated to the current image.
- Details: Displays the file information such as Title, Time, etc...

Note: Photos are stored in the /Root/DCIM/Camera folder as jpg files. For more information, refer to "My Files" on page 182.

There are only two options for videos that are not playing:

- Rename: Enter an new file name.
- Details: Provides details about the video such as Title, Time, Duration, File Size, and so on. Tap Close to close the pop-up.
 For menu options while a video is playing and other video options, see "Video Player" on page 113.

Note: Videos are stored in the /Root/DCIM/Camera folder as mp4 files. For more information, refer to "My Files" on page 182.

10. Tap **Sack** to return to the category screen.

Setting a Picture As

You can use the photos you take as a contact's photo or as wallpaper for the Home or Lock screen:

- 1. From a Home screen, tap Apps → Gallery.
- 2. Select a category and then a group to view it, and then tap a photo to select it.
- 3. Tap Menu → Set as.
- 4. Tap Contact photo and then tap a contact entry.
 - or –

Tap Home and lock screens, Home screen wallpaper, or Lock screen wallpaper.

The **Crop picture** screen displays.

5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then tap **Done** to save the cropped photo as the contact's icon or wallpaper. Tap **Cancel** to stop without cropping the photo.

Tip: To remove a contact photo, see "Updating Contacts" on page 67.

Tip: To change wallpaper, see "Wallpapers" on page 42.

Playing Videos

- 1. From a Home screen, tap Apps → Gallery.
- Select a category and then a group to view it, and then tap a video thumbnail to play the video.

Note: Videos are marked with a Play button.

- 3. Tap Pause to pause the video.
- 4. Tap Resume to resume playing the video.
- 5. Touch and drag the ______ white dot on the progress bar to fast forward or rewind the video. Tap the left end of the progress bar to restart the video. Tap the right end of the progress bar to end the video playback.

- or -

Tap Rewind to restart the video or Fast Forward to end the video.

Sharing Photos and Videos

To share photos and videos with your friends:

- From a Home screen, tap Apps → Gallery.
- Select a category and then a group to display thumbnails.
- Tap Menu → Select item.
- Select one or more photos and videos to highlight them for sharing.
- 5. Tap Kare.
- Tap Deselect all in the Selected drop-down to unhighlight photos and videos.
- Tap Group Cast, Picasa (photos only), Google+, Bluetooth, Wi-Fi Direct, Messaging, YouTube (videos only), Gmail, or Email then follow the prompts.

Photo Editor

The Photo editor application provides basic editing functions for photos that you take on your device. Along with basic image tuning like brightness, contrast, and color, it also provides a wide variety of effects used for editing the photo.

- 1. From a Home screen, tap | Apps
 - → Photo editor.
- 2. Tap Select picture to edit a picture in your Gallerv. – or –

Tap **Take a picture** to take a picture with the camera.

- Tap the picture and it is loaded into the Photo editor.
- Use the following Photo editor controls to edit your photo:



Selection: Tap the selection icon and then tap Magnetic, Lasso, Brush, Round, or Square to set how to mark an area for cropping. rotating, and so on.

• Tap () to select a single area, () to add to a selected area, or to remove part of a selected area. internal Use Only



Selection Size: Set the size of the Grab selection area. Drag the slider from small to large.



Inverse: Select the entire picture except for the selected area



Undo: Remove the last change.



Redo: Restore a removed change.



Rotate: Rotate a photo to the left or to the right or create a mirror image of the photo.



Resize: Touch and then drag the corners of the photo to resize it.



Crop: Tap to crop (cut-out) an area of a photo.



Color: Set the Auto adjustment. Exposure. Saturation, Contrast, Brightness, and Hue of a photo. You can also make it Grey-scale or add a Temperature effect.





Effects: Add various effects to your photo, such as Blur, Motion, Distortion, Filter, or Frames.



Tools: Copy and Paste to another image or to the original image. You can use the Spot healing option.

- When all updates to the photo have been made, tap
 Save. Use the keyboard to name the edited photo and tap 0K to save it.
- **6.** While editing a photo, tap Menu to display the following options:
 - Select picture: Open a new photo for editing.
 - Take picture: Open the Camera and take a new photo.
 - Share via: Send photos to another device or another person.
 Options are: Bluetooth, Email, Gmail, Google+, Group Cast, Messaging, Picasa, or Wi-Fi Direct.
 - Set as: Use this photo as a Contact photo, a Home and lock screens, Home screen wallpaper, or Lock screen wallpaper image.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining on the go has never been easier. You can rent or purchase your favorite content and conveniently watch anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you have never experienced it before.

Tip: A shortcut to Media Hub appears on the main Home screen by default.

Note: Media Hub service requires a Samsung account and depends on service availability.

- 1. From a Home screen, tap
 - → Media Hub.
- Read the End-User License Agreement (EULA), tap
 I agree to the Terms and Conditions, and then select
 Accept to continue or Decline to exit.

The Media Hub screen displays.

- To rent or buy media, you must have a Samsung account. Tap Menu → My Profile to sign in to your Samsung account or to create an account. Follow the prompts to complete log-in.
- 4. Browse content using these options:
 - What's New: Recently-added titles for rent or purchase.
 - Movies: Movies you can rent or purchase.
 - TV Shows: TV shows you can rent or purchase.
 - My Media: Content you have previously purchased or rented.
- 5. When you find media you want to view, use these options:
 - View trailer: View a short clip from the movie or show.
 - **Buy**: Purchase the media for unlimited viewing on your device. Follow the prompts to enter payment details.
 - **Rent**: Purchase a time-limited download of the media. Follow the prompts to enter payment details.
- For additional information about Media Hub, tap
 Menu → Help.

Media Hub Notices

- Any media item (Media Content) may be rented or purchased after you create an account in Media Hub.
- Media Content that is downloaded may be viewed concurrently on up to five (5) devices with Media Hub that are also registered to the same account.
- You may choose to remove a device from your account no more than once every 90 days.
- You may remove Media Content from a device as many times as you like. You will have the ability to re-download the Media Content at a later point in time subject to content re-download availability and studio permissions.
- You MUST be in network coverage to license Media Content you have acquired through the Service.
- You can use 3G, 4G, or Wi-Fi connectivity in order to download Media Content.
- Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account.
- Media Content is downloaded and saved onto the SD card.

- Your Media Content may pause/stop or not download in networks where there is a weak signal.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered
- You must finish watching rented Media Content within 24 consecutive hours of start of playback.
- Stopping, pausing, or restarting rented Media Content does not extend the available viewing time.
- In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (e.g., if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).
- You cannot play any media content downloaded from Media Hub through any output on your mobile device, including All Share.

Play Movies & TV

This application allows you to connect to the Play Store. download a movie and then watch it instantly.

Choose from thousands of movies, including new releases and HD titles in the Play Store and stream them instantly on your Android device or tablet.

Movies, previously rented via the Play Store are automatically added to your My Movies library across your devices.

Learn more about Google Play Movies at: http://play.google.com/about/movies.

1. From a Home screen, tap Apps →

Play Movies & TV.

- 2. Log on to your Google account if you have not already done so. A list of videos sorted on the SD card displays in the Video list.
- Following the on-screen instructions for renting and viewing movies.
- Tap the MOVIES tab to view movies you have rented.
- Tap the TV SHOWS tab to view shows you have rented.
- 6. Tap the PERSONAL VIDEOS tab to view movies you have on your device or memory card.

Play Music

Also known as Google Music, allows you to browse, shop, and playback songs purchased from the Play Store. The music you choose is automatically stored in your Google Music library and instantly ready to play or download.

 Access the new music tab from within your Play Store application.

The Music application contains a music player that plays music and other audio files that you copy from your computer.

Accessing the Music App

- 1. From a Home screen, tap Apps
 - → Play Music.

The Play Music app searches your online library and your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application.

- If prompted, follow the on-screen instructions to link your current account to Google Play Music.
- Tap an on-screen account to add it or select Add account to use a new account.

- At the free songs screen, select either Get free songs or Skip.
 - Get free songs are downloaded via either the Internet or Play Store
 - Follow the on-screen download and installation instructions.
- Swipe left or right to browse through your new and available music. Music, albums, and artists are grouped into categories.

It then displays a carousel view of your new and recent music, organized by album.



Swipe left or right to spin the carousel and browse through your new and recent music.

- 7. Tap an album to open it.
- Return to the Library screen from most other screens in the Music application by tapping the Music application icon Music notification icon at the bottom-left of the screen.

Changing Library View

You can change the way you view the contents of your library.

- 1. From a Home screen, tap **Apps**
 - → Play Music.
- While in a selection or screen, tap (near the top-left of the Application bar) or the tab name to back up to the main Music App menu.
- Tap the name of the current view, such as Recent, near the top-left of the Application bar.
- Tap an option to set how you view your library.
 The choices are: Recent, Albums, Artists, Songs, Playlists, or Genres.

Tab Options

There are various options available from the various tabs:

- 1. From a Home screen, tap Apps
 - → Play Music.
- From the upper-left of the application window, tap |
 Options to access an available option.
 - Recent: to display the most recently played songs and albums
 - Albums: Play, Add to queue, Add to playlist, More by artist, Shop for artist. or Search.
 - Artists: Play, Add to queue, Add to playlist, Shop for artist, or Search.
 - **Songs:** Play, Add to queue, Add to playlist, Shop for artist, Delete, or Search.
 - Playlist: Play, Add to gueue, Rename, or Delete.
 - Genres: Play, Add to queue, or Search.

Note: The contents of your library display in a scrolling grid, list, or carousel, depending on the view.

Searching for Music

- From a Home screen, tap Apps
 → Play Music.
- 2. Tap Q Search.
- 3. Type the name of an artist, album, song, or playlist.
- Tap a matching song to play it, tap a matching album, artist or playlist to view a list of its' songs.

- or -

Tap Options next to an item in the list to play it, add to queue, add it to a playlist, or shop for other music by the artist online.

Changing Music Settings

- 1. From a Home screen, tap Apps
 - → Play Music.
- 2. Tap Menu. The following options display depending on the library view:
 - Shuffle all: Play all songs in a random order.
 - Hide now playing bar / Show now playing bar: Hide or show the Now Playing bar that displays at the bottom of the screen. You can return to the **Now playing** screen from other Music screens by tapping the name of the current song in the Now Playing bar.
 - Choose on-device music: In addition to playing the music that you add to your online library, you can play music stored on your device's internal storage. Then you can listen to music when you have no Internet connection. To do this, make some of your online music available offline.

For more information, refer to "Making Online Music Available Offline" on page 132.

On device only: Display only the music that is available offline and only on the device.

- Hide labels / Show labels: Hide or show labels. This option is not available in all library views.
- Settings: Provides access to the Play Music settings.
- Help: Displays application help information.

Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset, or through a wireless Bluetooth stereo headset. For more information, refer to "Bluetooth" on page 154.

Press the Volume Key on the side of the device to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

Options While Selecting a Song

The following options are available for playing songs, albums, or playlist, finding more information about artists, finding more music, and deleting songs:

- 1. From a Home screen, tap Apps
 - → Play Music.
- 2. Select an album or song.
- 3. Tap the label area Options under an item. The following options display depending on the item view:
 - Play: Plays the selected song, album, or playlist.
 - Add to queue: Add the song to a new playback queue.
 - Add to playlist: Add the song to a new playlist or an existing playlist.
 - More by artist: Searches for more songs by the same artist.
 - Shop for artist: Launches Google to search for more songs by the selected artist.
 - Delete: Delete the song.
- Search: Search Internet, Music player, Play Music, or YouTube for an artist, album, or song.

Playing Music

- From a Home screen, tap Apps
 → Play Music.
- 2. Tap a song in your library to listen to it.

- or -

While viewing a list of songs, tap Options next to a song and select Play.

- or -

While viewing a list of albums, artists, playlists, or genres, locate the label area **Options** under an item and tap **Play**.

The **Now playing** screen opens and the song you selected or the first song in the album or playlist starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Note: If you navigate away from the Now playing screen in the Music application, the Now Playing bar displays at the bottom of the screen. You can use this to control playback or tap ■ Menu → Hide now playing bar.

Displaying the Now Playing Screen

If you navigate away from the **Now playing** screen, to return to the **Now playing** screen from other Music screens:

- Tap the name of the current song in the Now Playing bar.
 - or -

page 32.

Tap the Music notification icon in the System Bar (bottom-right of screen), and from the Status Details panel, select the song title.

You can also pause and resume playback and skip to the next or previous song in the Status Details panel. For more information, refer to "Notifications" on

Options While Playing a Song

When you play a song, the **Now playing** screen displays. There are various options and controls available while a song is playing:

- From a Home screen, tap Apps
 → Play Music.
- 2. Tap an album or song. For more information, refer to "Playing Music" on page 129.

The Now playing screen displays.

- 3. Tap the SONG title to add the song to a playlist.
- Tap the ARTIST name to view information about the artist associated with this song.
- 5. Tap ALBUM to list and play the songs on the album.
- **6.** Tap **Menu** to display the following options:
 - Clear queue: Erases the current playback queue.
 - Save queue: Stores the current playback queue.
 - Settings: Displays the Music settings screen.
 - **Help**: Displays the application's Help information.
- Tap Options → Add to playlist to add the song to a playlist.

- 8. The Now playing screen contains several buttons that you can tap to control the playback of songs, albums, and playlists:
 - Tap Thumbs up or Thumbs down to add the song to a Thumbs up or Thumbs down playlist.
 - Tap to go back to the previous song. Touch and hold to scan backward through the current song.
 - Tap to pause playback.
 - Tap to resume playback



Tap to advance to the next song. Touch and hold to scan forward through the current song.



When Shuffle mode is enabled, songs play in random order. When disabled, songs play in the order they appear in List view.



Tap to repeat the current song, repeat all songs, or disable repeat mode.



Creating a Playlist

- From a Home screen, tap Apps
 → Play Music.
- 2. Tap the Playlists library view.
- Tap Menu → New playlist. The New playlist pop-up displays.
- 4. Tap the NAME field to enter a name for the playlist.
- 5. Tap **OK** to save the new playlist.

Adding Songs To a Playlist

To add a song to a new or existing playlist while the song is playing:

- From a Home screen, tap Apps
 → Play Music.
- 2. Tap an album or song list and play a song.
- 3. Tap → Options → Add to playlist field (at the left of the screen).
 - If the Add to new playlist pop-up displays, tap the NAME field to enter a name for the playlist.
- Select the existing playlist. The playlist is saved with the song added to it.

Playing, Renaming, or Deleting a Playlist

To play, rename, or delete a playlist:

- 1. From a Home screen, tap Apps
 - → 😱 Play Music.
- 2. Display the Playlists library view.
- 3. Tap next to a playlist title.
 - Tap Play to play the songs in the playlist.

Note: Renaming and Deleting is only available with end-user created playlists and not the device default entries.

- Tap **Add to queue** to add the current playlist files to the queue.
- Tap Rename and use the keyboard to enter a new name for the playlist.
- Tap **Delete** and then tap **OK** to delete the playlist. Only the playlist is deleted. To delete individual songs, see "Options While Selecting a Song" on page 128.

Shopping for Music at the Play Store

To visit the Google $Play^{TM}$ Store where you can find and buy music:

- 1. From a Home screen, tap Apps
 - → Play Music.
- Tap Play Store in the Application Bar.
 The Google Play Store music section displays.
 - or -

Tap \mathbb{H} Menu \rightarrow Help \rightarrow Music to view information about finding and buying music.

Making Online Music Available Offline

In addition to playing the music that you add to your online library, you can play music stored on your device's internal storage. Then you can listen to music when you have no Internet connection. To do this, make some of your online music available offline.

Tip: You can also copy music directly from your computer to your device. For more information, refer to "Synchronizing with Windows Media Player" on page 160.

To make your online music available offline on your device:

- 1. From a Home screen, tap ♣ Apps → Play Music.
- Change your library view to Albums, Artists, or playlists. For more information, refer to "Changing Library View" on page 126.

Gray pins appear next to the items you can make available offline. A bar at the bottom of the screen shows how much space is available on your device for music and other files.

Dim green pins indicate songs or albums that you copied directly from a computer to your device.

4. Tap the gray pin next to each item you want to make available offline or tap a green pin to stop making it available offline. You can switch to other views of your library to make other kinds of items available offline as well. Tap Done in the bar at the bottom of the screen.The Music application starts downloading the items to your device.

Music Player

The Music Player plays music and other audio files that you copy from your computer. The Music Player is an application that can play music files. The music player supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launching the Music Player allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

- 1. From a Home screen, tap App
 - → Music Player.

The Music Player application searches your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays your music in several ways.

- Tap Songs, Playlists, Albums, Artists, Genres, Folders, Composers, Years, or Music square from the left of the screen to change the way you view the contents of your library.
- **3.** Scroll through the list and tap an entry to begin playback.
- Tap the Music application icon at the top-left of the Application bar to return to the previous Music screen.

Note: The 5.1 channel sound effect works when earphones or sound is connected through the headset jack only.

Managing Your Music

Searching for Music

- From a Home screen, tap Apps
 → Music Player.
- 2. Tap Q Search.
- 3. Type the name of an artist, album, or song.

 Matching songs are displayed in a list below the search box.

4. Tap a matching song to play it. Select a matching album, or artist to view a list of its songs.

Making a Song a Ringtone

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Tap Menu → Set as alarm tone.
- 3. Tap the desired song.
- 4. Tap Set to assign the new ringtone.

Creating a Playlist

- 1. From a Home screen, tap Apps
 - → Music Player → Playlists.
- 2. Tap → New playlist.
- 3. Select the name field to enter a name for the playlist.
- 4. Tap **OK** to save the new playlist.

Renaming a Playlist

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Tap Playlists, select a playlist, and then tap Menu
 → Rename playlist.
- 3. Tap the name field to enter a new name for the playlist.
- 4. Tap **0K** to save the new playlist.

Adding Songs to Playlists

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Tap 👼 and select a playlist.
 - or -

Tap **Playlists**, select a playlist, and then tap **Add music**. All songs are displayed.

Tap next to each song you want to add or next to Add all to add all songs to the playlist.

The songs appear under the playlist to the right of the songs list.

4. Tap Done to save the playlist.

Removing Songs from Playlists

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Tap and select a playlist.

All songs are displayed to the left of the playlist and the songs in the playlist are displayed on the right, under the playlist name.

- 3. Tap to remove a song from the playlist.
- 4. Tap Done to save the playlist.

Changing the Order of a Playlist

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Tap Playlists and select a playlist.
 - Tap Reorder to change the order of the songs.
 Tap the grid on an entry and drag the entry to a new position in the list.
- 4. Tap **Done** to change the order and save the playlist.

Playing a Playlist

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Display the Playlists library view.
- Tap Favorites, Most played, Recently added, or tap a playlist title that you created.
- 4. Select a song to start playing the playlist at that song.

Deleting a Playlist

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Tap Playlists and select a playlist.
- 3. Tap Delete in the Application bar.
- Tap the box next to a playlist title. A check mark indicates the playlist is to be deleted.
- Tap Remove → 0K to delete the selected playlist.

Changing Music Settings

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Tap Menu to display the following options:
 - Delete: Tap the box for any song or album you want to delete or tap the box for Select all to select every song or album. A check mark indicates the song or album is to be deleted.
 Tap Delete to delete the selected items.
 - Share via: Share your music by using Group Cast, Bluetooth, Wi-Fi Direct, Messaging, Gmail, or Email. Select the songs you want to share and tap Share.
 - Set as alarm tone: Choose a song and tap Set to use the song as an alarm tone.
 - Settings: The following settings display:

Advanced

- Sound settings: Choose SoundAlive and Play speed settings.
- Lyrics: Display the lyrics of the song, if available.
- Music auto off: Set the option Off or set your music to turn off automatically After 15 mins, After 30 mins, After 1 hour, After 1 hour 30 mins, or After 2 hours.

Music menu

 Music menu: Enable or disable the music display options that appear on the main music screen. A check mark next to an option means that it is enabled.

Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset or through a wireless Bluetooth stereo headset. For more information, refer to "Bluetooth" on page 154.

Press the **Volume Key** on the side of the device to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

Playing Music

To play a song:

- 1. From a Home screen, tap Apps
 - → Music Player.
- 2. Select a song in your library to listen to it.

- or -

While viewing a list of albums or genres, tap the album thumbnail and then tap a song in the list of songs on the album.

The song you tap starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Accessing the Music Player

If you navigate away from the Music Player application and music is playing, you can change songs or easily return to the Music Player:

- **1.** Tap the Music notification icon in the System Bar (bottom-right of the screen).
- 2. In the Status Details, tap the song title to display the Music Player. You can also pause and resume playback and skip to the next or previous song in the panel. For more information, refer to "Notifications" on page 32.

Music Player Options

Music Player plays music and other audio files that you copy from vour computer.

- From a Home screen, tap Apps
 → Music Player.
- 2. Tap a song or playlist to begin playback.

 The music player displays below (portrait mode) or to the right (landscape mode) of the music listing.
- 3. Tap the music player to enlarge it and tap the screen to display the sound and playlist controls.
- 4. During playback, use the sound and playlist controls:
 - Favorite: Tap the star to mark the current song as a favorite.
 - Volume: Tap to toggle Vibration or Silent mode and Sound mode, then touch and drag on the scale to set volume. You can also press the Volume Key on the side of the device to adjust playback volume.
 - . SoundAlive: Tap to view and set SoundAlive options.
 - Info: Tap to view information about the current song.



- . List Mode: Tap to switch to the list of songs.
- Select Device: Use AllShare to stream music to another device. For more information, refer to "AllShare Play" on page 164.

- Shuffle: When enabled, songs play in random order. When disabled, songs play in the order they appear in List view.
- Progress Bar: Touch and drag the end of the progress bar to scan forward or backward through the current song.
- Playback Controls: These buttons control the playback of songs:
 - Tap to advance to the next song. Touch and hold to scan forward through the current song.
 - Tap to go back to the previous song. Touch and hold to scan backward through the current song.
 - Tap
 ■ to pause playback. Tap
 ■ to resume playback.
- Time Indicators: The time indicators show, in minutes and seconds, how much of the song has played (left) and the length of the song (right).
- Repeat: Tap to repeat the current song, repeat all songs, or disable repeat mode.

Options While Playing a Song

There are various options and controls available while a song is playing:

- 1. From a Home screen, tap Apps
 - → Music Player, tap a song or an album, and then a song.
- 2. Tap the music player to enlarge it.
- 3. Tap Menu to display the following options:
 - Add to playlist: Add the song to a new playlist or an existing playlist.
 - Via Bluetooth: Play the current song by using a Bluetooth device.
 - **Share via**: Share the current song by using Group Cast, Bluetooth, Wi-Fi Direct, Messaging, Gmail, or Email.
 - Set as alarm tone: Use the current song as an alarm tone.
 - Settings: Displays Music Player settings.

For more information, refer to "Changing Music Settings" on page 136.

T-Mobile TV

T-Mobile TV is an application that allows you to get live TV and Video on Demand.

From a Home screen, tap Apps →
 (T-Mobile TV). The T-Mobile Terms and Conditions page displays.

Note: A data plan is required to use this feature. Charges may apply. Please contact your service provider for further details.

2. Tap Accept if you accept the Terms and Conditions.

– or –

Tap Exit to close the application.

Note: T-Mobile TV must be initialized over a cellular network before it can be used. During this initial registration process, any current Wi-Fi connections must be disabled.

- Tap Disable Wi-Fi if you currently have an active Wi-Fi connection.
- 4. Follow the on-screen setup instructions.

 Tap any of the following categories to begin viewing: Live TV, On Demand, My Media, More Info, Browse, or Live Channels.

Section 8: Web

This section describes the various Internet networking applications available on your device such as Google+ and Internet.

Google+

Share updates and see what is going on around you with Google+ for mobile.

- Share your thoughts and location.
- Instantly upload your photos and videos as you take them.
- Get updates from your circles in the stream.
- Check in to a place.
- Make plans on-the-go with group messaging.
- View posts from people around you.

To get started:

- From a Home screen, tap Apps → Google+.
 The Google+ home screen displays.
- Tap Menu → Help and then touch a topic to learn more about using Google+.

Internet

Your device is equipped with a full HTML Browser that allows you to access the Internet.

Tip: Internet displays by default as a Primary shortcut on the Home screen

■ From a Home screen, tap Apps → Internet. The Most visited screen displays.



3. Tap an entry, such as Google. The Google home screen displays.

Navigating the Internet

- 1. To select an item, tap an entry.
- 2. To scroll through a website, sweep the screen with your finger in an up or down motion.
- 3. Tap to return to the previous page.

The following options are available for Internet navigation.

Command Kevs

- Tap Back or to return to the previous page.
- Touch and hold **Back** to display a list of Most visit pages.
- Tap Forward to go forward to a recent page.
- Tap Refresh to reload the current page.

Touching and Dragging

 Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

Entering Text in a Field

 While browsing, tap a text field to display the virtual QWERTY keyboard to enter text.

Zoom

- Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.



Tip: For convenient browsing, you can rotate the device to landscape mode.

Selecting Items On a Page

While browsing, use gestures and menus to navigate:

- Tap an item to select it.
- Tap a hyperlink to follow the link.
- Touch and hold on a hyperlink for these options:
 - Open: Open the linked page.
- -Open in new tab: Open a new window to display the linked page.
- -Save link: Save the linked page to Download history.
- —Copy link URL: Save the link's URL to the clipboard.
- -Select text: Copy the link text to the clipboard.

- Touch and hold an image for the additional options:
 - Save image: Download an image. View downloaded images in Gallery.
 - Copy image: Copy an image to the clipboard.
 - View image: View the image source.
 - Set as wallpaper: Use the image as your home screen wallpaper.

Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

To add a new window:

- 2. To open a new window, tap New window at the top of the screen.
- To switch to another open window, tap its tab at the top of the screen.

To delete an existing window:

■ To delete an open window, tap the tab at the top of the screen, and then tap 🔻 .

Entering a URL

Access a website quickly by entering the URL.

- 1. From a Home screen, tap Apps → Internet.
- Tap the URL field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.As you enter characters, potential matches display.

Note: Use the Delete key to clear the URL field, if necessary.

- Tap a match to complete the URL.
 - or –

Tap Go to proceed to the desired Web address.

Copying Fields or Text

Copy information from a webpage to the clipboard for pasting, searching, or sharing.

Selecting, Copying, and Pasting Text

- 1. From a Home screen, tap \implies Apps \rightarrow \implies Internet.
- 2. Browse to a webpage.
- On the webpage, touch and hold on the text until you see the text you want highlighted, then stop tapping the screen.

The text is highlighted.

- Touch and drag the fine tabs to the left or right to select more or less text
- Tap Copy at the top of the screen to copy the selected text or tap Done to stop.
- To paste the copied text, navigate to the desired field (or to another application), then touch and hold in a text field and tap Paste in the pop-up.

Copying and Pasting a Hyperlink or URL

- 2. Browse to a webpage.
- Touch and hold on the link or URL, then tap Copy link URL on the pop-up menu.
- 4. To paste the copied link or URL, navigate to the desired field (or to another application), then touch and hold in a text field and tap Paste on the pop-up menu.

Using Bookmarks

While browsing, bookmark a site to quickly access it later.

Creating a bookmark

- Browse to a website, then tap Add bookmark.
 The Add bookmark options list displays. Confirm the Name and URL Address for the bookmark.
- In the Account field, tap the drop-down menu, and tap Local or an account.
- In the Folder field, tap the drop-down menu, and select Homescreen, Bookmarks, or a Other folder.
- 5. Tap **0K** to save the bookmark.

A gold star displays on the Bookmarked page.

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Accessing Bookmarks and History

Launch a bookmarked page or reload recent pages.

- 1. From a Home screen, tap Apps → Internet.
- 2. Tap *** Bookmarks**, **History**, and **Saved pages**.
- 3. On the Bookmarks tab, use these options:
 - Tap a bookmark to load the page.
 - Touch and hold on a bookmark for these options:
 - **Open**: Open the bookmarked page.
 - Open in new tab: Open the linked page in a new window.
 - **Edit bookmark**: Make changes to the bookmark description.
 - Add shortcut to home screen: Create a bookmark on the Home screen.
 - Share link: Use Bluetooth, Email, Gmail, Google+, Messaging, or Wi-Fi Direct to send the link
 - Copy link URL: Save the link's URL to the clipboard.
 - **Delete bookmark**: Remove the bookmark.
 - Set as homepage: Assign the bookmarked link as the home page.

- 4. On the History tab, tap Today, Yesterday, Last month, Older, or Most visited to use these options:
 - Tap a page to reload it.
 - Tap the next to a page to bookmark it. Tap a gold star next to a page to remove the bookmark.
 - Touch and hold on a page for these options:
 - Open: Open the webpage.
 - Open in new tab: Launch the webpage in a new window.
 - Add bookmark/Remove from Bookmarks: Bookmark the page or remove the bookmark for this page.
 - Share link: Use Bluetooth, Email, Gmail, Google+, Messaging, or Wi-Fi Direct to send the link.
 - Copy link URL: Save the link's URL to the clipboard.
 - Remove from history: Remove the record of this page.
 - Set as homepage: Assign the bookmarked link as the home page.
- 5. On the Saved pages tab, use these options:
 - Tap a page to reload it.
- Touch and hold on a page and then select **Delete saved page** to remove the page from Saved pages.

Internet Menu

While viewing a webpage, tap Menu for the following options:

- New tab: Open the webpage in a new window, under a new tab.
- New incognito tab: Open the webpage in a new window, under a new tab, and the pages you view in the new window will not appear in your browser history or search history. See the on-screen explanation of going incognito.
- Add shortcut to home screen: Add the URL for this webpage as a shortcut on the first home screen.
- Share page: Use Bluetooth, Email, Gmail, Google+, Messaging, or Wi-Fi Direct to send the webpage URL.
- Find on page: Search for content on the current page.
- Desktop view: Your browser displays a website in a modified format that makes it easier to read. Desktop view displays a website the same way it would appear on a PC.
- Save for offline reading: Saves the webpage so you can read it later even when offline.
- Downloads: View and manage recent downloads.
- Print: Print the current screen or page to a Samsung printer.
- Settings: Configure web settings.

Internet Settings

Use the browser settings to customize the browser.

- From a Home screen, tap Apps → Internet.
- While viewing a webpage, tap Menu → Settings.
 Customize the Browser by using the following options:
 General
 - **Set home page**: View and set the default first page that displays when you launch Internet.
 - Form auto-fill: Enable or disable form auto-fill to complete Internet forms with a single click.
 - Auto-fill text: If Form auto-fill is enabled, set up the following information:
 - Full name: Enter your name.
 - Company name: Enter a company name.
 - Address line 1: Enter your address.
 - Address line 2: Enter any additional address information.
 - City/Town: Enter your city and town.
 - County: Enter your county.
 - Zip code: Enter your ZIP code.
 - Country: Enter your country.

- **Phone**: Enter your telephone number.
- Email: Enter a valid email address.

Privacy and security

- Clear cache: Delete content and databases stored on the device.
- **Clear history**: Delete the list of previously-visited pages.
- Show security warnings: When enabled, the browser warns
 you if there is a problem with a site's security.
- Accept cookies: When enabled, allows the browser to save and read cookie information used by webpages.
- Clear all cookie data: Delete cookie information saved to the device.
- Remember form data: When enabled, stores information you enter into forms to make future forms easier.
- Clear form data: Deletes saved form information.
- Enable location: When enabled, sites you visit can request access to your location.
- Clear location access: Clear location access for all websites
- Remember passwords: When enabled, saves user names and passwords for sites you visit, to make future visits easier.
- Clear passwords: Clear all saved user names and passwords.

- **Enable notifications**: Adjusts the notification status for Web activity. Choose from: Always on, On demand, or Off.
- Clear notifications: Removed Web notification access information

Accessibility

- Force zoom: Override the website's request to control zoom.
- **Text size**: Use the Preview field and the following controls to configure text size:
 - Scale text up and down: Scale the text size up or down using a slider bar.
 - Zoom amount on double tap: Set how much to zoom when you double-tap the screen, from 175 to 225 percent.
- Minimum font size: Set the minimum font size, which can range from 1 point to 24 points.
- Inverted screen rendering: Use the Preview screen and the following controls to configure inverted screen rendering:
- Inverted rendering: Enable the display of websites with inverted colors – black becomes white and vice versa.
- Contrast: If Inverted rendering is enabled, use this slider to set the contrast, which can range from 100 to 300 percent.

Advanced

- Select search engine: Choose a search engine from Google, Yahoo!, or Bing.
- Open in background: When enabled, new windows open behind the current window.
- Enable JavaScript: When enabled, Internet automatically runs JavaScript scripts on pages you visit.
- Enable plug-ins: When enabled, Internet automatically loads and runs plug-ins on pages you visit.
- Default storage: Assigns the default storage location for Browser downloads
- Website settings: View and manage settings for individual websites
- Default zoom: Adjusts the zoom feature. Set to Far, Medium, or Close.
- Open pages in overview: When enabled, displays an overview of newly-opened pages.
- Auto-fit pages: When enabled, Internet automatically sizes webpages to fit your device's display.
- Block pop-ups: When enabled, blocks pop-up windows.
- Text encoding: Choose a default character set for webpages

• Reset to default: Clear all browser data and reset all settings to the factory defaults.

Bandwidth management

- Preload search results: Enable the browser to preload high confidence search results in the background to help speed up searches. Options are: Never. Only via Wi-Fi. or Always.
- Load images: When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can tap to download the picture.

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- Quick controls: When enabled, the Application and URL bars are hidden. To access the hidden controls, swipe inward from the left or right edge of the screen to access Quick Controls. For more information, refer to "Internet Quick Controls" on page 149.
- Google Instant: When enabled, you can use Google Instant
 when you use Google Search to show results as you type.
 Enabling this option can increase data use.

Internet Quick Controls

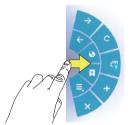
Use Quick Controls to maximize your viewing area while browsing the internet.

- 1. From a Home screen, tap \implies Apps \rightarrow (§) Internet.
- While viewing a webpage, tap Menu → Settings → Labs, and then tap Quick Controls to enable the function.

The Application and URL bars are hidden.

3. Swipe inward from the left or right edge of the device screen to access quick controls.

To cancel, display the Quick controls and tap ■ Menu → Settings → Labs and tap Quick controls to uncheck it.



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4. Without lifting your finger, move to an option and then lift your finger to initiate the option.

Section 9: Connections

Your device includes features to connect to the internet and to other devices by using Wi-Fi, Bluetooth, or a USB cable.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your device's Wi-Fi feature to:

- · Access the internet for browsing or to send and receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots) or Secured (requiring you to provide login credentials). Your device supports the 802.11 a/b/g/n Wi-Fi protocol.

Configuring Wi-Fi Settings

For more information about configuring your device's Wi-Fsettings, see "Wi-Fi" on page 202.

Finding Wi-Fi Networks

You can have your device automatically notify you of available networks. For more information, refer to "Advanced Settings" on page 203.

Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, in-range WAPs (Wireless Access Points).

By default, your device's Wi-Fi feature is turned off (deactivated). Activating Wi-Fi allows your device to discover and connect to compatible in-range WAPs (Wireless Access Points).

Turning Wi-Fi On:

- From any screen, tap the Time in the Status Bar.
 The Status Details displays.
- 2. Tap Wi-Fi to turn Wi-Fi On.
 - or
- 1. From a Home screen, tap
 Apps →
 Settings.

2. Under Wireless and network, on the Wi-Fi tab, tap the OFF / ON icon to turn Wi-Fi on.

Turning Wi-Fi Off:

- From any screen, tap the Time in the Status Bar.
 The Status Details displays.
- 2. Tap Wi-Fi to turn Wi-Fi Off.

Wi-Fi Status Indicators

The following icons indicate the Wi-Fi connection status:



Displays when Wi-Fi is active and there is an available open wireless network.



Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your device searches for available Wi-Fi connections, then displays them on screen.

- From any screen, tap the Time in the Status Bar.
 The Status Details displays.
- 2. Tap Wi-Fi to turn Wi-Fi On. Your device automatically scans for available Wireless Access Points.
- When the scan is complete, select a Wi-Fi network to connect. If the Wi-Fi network is open, your device automatically connects. If the Wi-Fi network is secured, enter the password at the prompt to connect.
- 4. Tap Connect.

Adding a Wi-Fi Network Manually

- From a Home screen, tap Apps → Settings.
- 2. Under Wireless and network, on the Wi-Fi tab, tap the OFF / ON icon to turn Wi-Fi on.
- 3. Tap Add Wi-Fi network, then enter network information:
 - Network SSID: Enter the name of the Wi-Fi Wireless Access Point (WAP).
- Security: Select the type of security used by the WAP.

Note: Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

- Password: If the WAP is secured, enter the password or hex key.
- 4. Tap Save to save the settings.

Wi-Fi Sleep Policy

Specify when to disconnect from Wi-Fi.

- 1. From a Home screen, tap Apps → Settings.
- 2. Under Wireless and network, tap Wi-Fi.
- Tap Menu → Advanced.
- Tap Keep Wi-Fi on during sleep. Choose from: Always, Only when plugged in, or Never (increases data usage).

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

- From a Home screen, tap Apps → Settings
 → More settings → Wi-Fi Direct.
- Tap the OFF / ON icon to turn Wi-Fi Direct on.
 If you are currently connected to a Wi-Fi network, a prompt displays Start Wi-Fi Direct operation. This will turn off Wi-Fi client/hotspot operation.
 - Tap **0K** to continue.
 Your device will begin to search for other devices enabled with Wi-Fi direct connections.

Note: Confirm (Wi-Fi Direct On) appears at the bottom of the screen.

- 1. Tap the Wi-Fi Direct field to display Available devices.
- **5.** Enable Wi-Fi Direct (similar to Steps 1 and 2) on the device to which you want to connect.

Note: The target device must also have Wi-Fi Direct service active and running before it is detected by your device.

- Tap Scan and select the single device name to begin the connection process to another Wi-Fi Direct compatible device.
- Once the device you want to connect to is displayed, tap it.
 - An Invitation to connect displays on the device to which you want to connect.
- 8. On that target device, tap Accept.

You have 2 minutes to tap **Accept** on the device to which you want to connect for the connection to be made.

Once connected, the other device will show as

Connected in your list of Wi-Fi Direct devices and the

icon will display at the bottom of your screen.

Internal Use

Sharing Information with a Connected Device

To share videos, photos, or other information with the connected device, follow these steps:

- View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or Files folder, then tap the Share, Share via, or Send via option.
- 2. Tap the Wi-Fi Direct option.

The Wi-Fi Direct settings screen displays, Wi-Fi Direct is turned on, and your device scans for other devices.

- Tap a connected device name. For example, Android XXXX.
- **4.** The other device displays a pop-up that indicates it is receiving the file.

The file is transferred and can be found in **Files** within the ShareViaWifi folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet

You do not need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

Configure your device's Bluetooth settings. For more information, refer to "Bluetooth" on page 204.

Turning Bluetooth On or Off

To turn Bluetooth on:

- From a Home screen, tap Apps → Settings.
- 2. Under Wireless and network, on the Bluetooth tab, tap the OFF / ON icon to turn Bluetooth on.

Note: When Bluetooth is on, the Bluetooth icon the Status Bar

To turn Bluetooth on or off:

- 1. From a Home screen, tap \implies Apps \rightarrow \implies Settings.
- 2. Under Wireless and network, on the Bluetooth tab, tap the OFF / ON icon again to turn Bluetooth off.

Bluetooth Settings

The Bluetooth settings menu allows you to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices
- · Displaying your device's Bluetooth address

To access the Bluetooth Settings menu:

- From a Home screen, tap Apps → Settings.
- 2. Under Wireless and network, on the Bluetooth tab, tap

 Menu.
- Tap the Rename device, Visible time-out, and Received files fields to set the options.

To change your Bluetooth name:

- 1. Verify Bluetooth is active.
- From the Bluetooth page, tap
 Menu → Rename device
- 3. Enter a new name.
- **4.** Tap **0K** to complete the rename process.

To change your Bluetooth visibility time out value:

- 1. Verify Bluetooth is active.
- From the Bluetooth page, tap
 Menu → Visible time-out
- Select a time out value. Choose from: 2 min, 5 min, 1 hour. Never timeout.

To view files received via Bluetooth devices:

- 1. Verify Bluetooth is active.
- From the Bluetooth page, tap Menu → Received files to display a list of files received from external sources via Bluetooth communication.
- 3. Tap to return to the previous page.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your device and the target device.

Tip: After pairing, your device and the target device recognize each other and exchange information without having to enter a passcode or PIN.

- 1. From a Home screen, tap **Apps** → **Settings**.
- On the Bluetooth field, tap the OFF / ON icon turn Bluetooth on.
- Tap the Bluetooth tab and then enable the target device's discoverable or visible mode.
- Tap Scan. Your device displays a list of discovered in-range Bluetooth devices.
- **5.** Tap **Stop** at any time to stop scanning.