

Using Photo/Video Smart Settings

Select the appropriate option, tap and set the related setting.

From the viewfinder, touch  to open all smart settings options.

Setting Options	Function
Save Settings	You can save your desired settings for camera options.
Restore default settings	Reset menus and shooting options.
Intelligent Shot	Your Windows Phone automatically sets the shutter speed and aperture according to the subject and brightness for the optimum photograph.
Beauty Shot	Your new Windows Phone automatically sets the focus and colour balance to express the natural skin tone.
Photo resolution	The more pixels, the larger the file, which means that files take up more memory space. If you want to store more pictures on your phone, you can reduce the number of megapixels to make the files smaller.
Brightness	Brightness enables you to set the recording brightness according the lighting conditions.

Setting Options	Function
White Balance	Automatically adjusts the colour of the subject. You can record in natural colours depending on the subject and lighting conditions.
Color Effect	Select the desired setting options on the menu: off , sepia , mono , negative , solarize
Quality	Choose between Super fine , Fine , and Normal . The finer the quality, the sharper the photo. However, the file size will increase as a result, which means you'll be able to store fewer photos in the phone's memory.
Anti-shake	Reduce blur caused by vibration or movement.
Flash	Using the Flash function, you can set the built-in flash to fire under low light conditions.
Video Resolution	The more pixels, the larger the file size, which means that files take up more memory space. If you want to store more videos on your phone, you can alter their resolution to make the files smaller.

NOTE: Before taking a photo, you can tap **Settings > Applications > pictures + camera** to access the following settings: GPS, SkyDrive.

Pictures

Learn to view photos and play videos saved in your phone's memory. In case of videos, you are able to view only the video recorded in a camera.

Pictures hub

The Pictures hub is your Windows Phone's digital version of those pictures in your wallet. Show off all the pictures you took with the camera on your phone, saved from emails or text messages, or downloaded from the Web or from your PC.



- Times Square wall. A showcase of local pictures from your All view. The mosaic of picture-perfect moments

changes every fifth time you turn on your phone. If you sync your phone using the Zune software before you visit the Pictures hub, you'll see your pictures here when you arrive.

- What's new? These are the latest pictures your friends and family uploaded to Windows Live or Facebook.
 - Picture collection. You can view your pictures and videos by album, date, or favourites. When you add a picture as a favourite as part of your Favourites album, you can then pin that album to the Start screen.
 - Hub background. Tap Application bar menu below to change the background. Choose background you want to set or let us do it for you using any of your pictures. Either way, changing the background will also change the Pictures tile on the Start screen.
 - Zune software. Sync files using My Phone to move pictures from your PC into albums on your phone and vice versa.
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NOTE: When you go to the Pictures hub for the first time, you'll see 9 pictures from the 7 folder in the Times Square wall. To see a mosaic of your own pictures here, you need to tap the 7 folder to delete it. The Times Square wall will now randomly take pictures from your Camera Roll, as well as albums you sync from your PC or your social networking sites.

Supported file formats

Type	Format
Image	Extension: bmp, gif, jpg, png, tiff
Video	• Extension: mp4 • Codec: MPEG4

NOTE: Phone only Supports JPG file format when sharing picture files using Zune PC client.

- Some file formats are not supported depending on the software of the phone.

- If the file size exceeds the available memory, an error can occur when you open files.

Albums

Picture albums are a big part of how you organise your pictures and videos on your phone, on your computer, and on the Web. Knowing where albums can be added to and deleted from will help keep everything in working order.

The Zune software puts pictures from your phone albums-Camera Roll, Saved Pictures, and Received Pictures-into the Pictures library on your computer.

NOTE: With the exception of viewing and deleting albums, all other album tasks must be completed using the Zune software on your computer.

Viewing a picture

- 1 On the Start screen, tap the arrow to go to your App list and tap **Pictures**. Or, tap the **Pictures** tile from the Start screen if it's pinned as a favourite tile on the screen.

- 2 In Pictures, scroll and go to picture albums (all, date, favourites) and tap a photo tile to open and view.

While viewing a photo, use the following options:

- To view more photos, scroll left or right.
- When you tap and hold a picture, a short menu that you can choose to delete, share, and add to favourites appears.
- To zoom in or out, tap the screen with two fingers and move them apart (move your fingers closer together to zoom it).

Playing a video

- 1 In Pictures, scroll and go to picture albums (all, date, favourites) and tap a video tile to open and view.
- 2 Tap a video tile to view.
- 3 Rotate the phone anti-clockwise to landscape view.
- 4 Control playback with the virtual keys.

Sharing pictures

- 1 On the Start screen, tap Pictures.
- 2 Find a picture you want to share. Pictures from online albums can't be uploaded.
- 3 Tap and hold the picture, then tap **Share**.
- 4 Choose how you want to share or upload your picture to the web—text or email message, or sharing to **SkyDrive**.

NOTE: SkyDrive is part of Windows Live, a password-protected service on the Web (photos.live.com), where you can store and share documents and pictures up to 25 GB for free. Sign in with your Windows Live ID and you're all set.

TIP! After you upload your pictures to SkyDrive from your phone, you can find and edit them within Windows Live Photo Gallery on your computer without having to connect to the web. You must have a computer running Windows Vista or Windows 7. To see if you have Windows Live Photo Gallery installed, from your computer, click the Start button . In the search box, type photo gallery, and in the list of results, click Windows Live Photo Gallery.

- 2 In the picture viewer, tap and hold the picture, and then tap **Add to Favourites**.

TIP! Want to add a picture from an online album as a favourite? Open a picture, tap it, and then tap Save to phone. The picture will be added to the Saved Pictures folder (in the Pictures hub, go to All > Saved Pictures). Find the picture, and then follow Step 2 above to add a saved picture as a favourite.

Favourites in the Pictures gallery

Using the Favourites album on your Pictures hub has the advantage of putting your most interesting pictures in one place for easy viewing. Pictures in Favourites are also the only ones you can pin to the Start screen (if you have certain pictures that make you happy every time you see them).

- 1 On the Start screen, tap **Pictures**, and find a picture and tap to open it.

Adding or deleting a caption from a picture

Adding a caption

You can add captions to pictures that you upload to Facebook or Windows Live.

- 1 Tap the picture, and then tap Share.
- 2 Choose an account to upload your picture to.
- 3 Tap the text box to type a caption. You have 4 seconds to start typing or the picture will be uploaded without a caption.
- 4 Tap Upload .

Deleting a caption

You must be on your computer to delete a caption, and you can only delete a caption from a picture that you've uploaded.

- 1 Find your picture.
- 2 Sign in and follow the steps provided by Facebook or Windows Live to delete a caption.

Adding location info to my pictures

When you include location (GPS) information in the pictures you take, the information can be seen by others after you upload and share them. Once you do, you and your friends can have fun viewing these pictures on a map using Bing and Windows Live Photo Gallery, and even searching the Web for other similar pictures, because the location is embedded in your picture behind the scene.

- 1 On the Start screen, flick left to the Apps list, and tap **Settings > Applications > Pictures + Camera**.
- 2 Turn on Include location (GPS) info in pictures you take.

NOTE: If you want this information to stay with your pictures when you upload them to Facebook or SkyDrive, turn on Keep location info on upload pictures.

Music + Videos

Zune software

Sync files with my phone to move music + videos from your PC into your phone and vice versa.

Getting music, videos, and podcasts from Marketplace

Zune Marketplace is your one-stop shop for great music, podcasts, movies, videos, TV shows and more. Some things are free to play, download or sample. Other items are available to buy or for demo version.

There are two ways to access Zune Marketplace:

Downloading or streaming music directly to your phone

- 1 On the Start screen, tap **Music + Videos**.
- 2 Flick to Zune, and then tap **Marketplace**.
- 3 Find a song, album, artist or playlist by doing one of the following:

- Flick left or right, browse through the available categories, then tap the desired item.
 - Press the Search button , enter a song title, album title or artist name, then tap the desired item.
- 4 Follow the instructions to get your music, videos, pictures, and so on into your collection.

Downloading music, podcasts, videos, movies, and TV shows on your PC

- 1 Go to **windowsphone.com** to install the **Zune software**.
- 2 Connect your phone to your computer using the USB cable.
- 3 Open the Zune software, then follow the instructions to get your music, videos, pictures, and so on into your collection.
If you're not signed in, click Sign In.
If you have multiple Windows Live ID accounts, enter the one you used when you set up your phone.

4 Click **collection**, and then drag everything you want to sync to the phone icon in the lower left.

NOTE: Not all items are available for purchase, rental, download or streaming. Zune Marketplace is not available in all locations or languages. Zune Marketplace content varies by market. To learn more about using Zune Marketplace, go to **Zune.net**.

Supported file formats

Type	Format	Sync from Zune SW
Audio	Extension: mp3, mp4, m4a, wma Codec: MP3, AAC, WMA	Extension: mp3, mp4, m4a, wma Codec: MP3, AAC, WMA

Type	Format	Sync from Zune SW
Video	Extension: 3gp, 3g2, mp4, m4v, wmv Codec: MPEG4, H263, H264, VC-1	Extension: mp4, m4v, wmv Codec: MPEG4, H.264, VC-1

Playing music, videos and podcasts

Your Windows Phone isn't just a phone, it's also a great Zune music and video player.

Listen to music while you surf the Web or check your email, catch up on your favourite podcasts while commuting, or enjoy a movie on your next flight. There's no need carry another device with you. Windows Phone has all your entertainment needs covered.

1 On the Start screen, tap **Music + Videos**.

- 2** Flick to **Zune**, and then tap **Music**, **Videos** or **Podcasts**.
- 3** Find the item you want to play by doing one of the following:
 - Flick left or right, tap a category (such as Artists, Albums, or Songs), and flick up or down as necessary.
 - To search Zune Marketplace, press the Search button, and then enter a song title, album title or artist name. (Zune Marketplace may not be available in some countries or regions.)
- 4** Tap the item you want to play. If you need to adjust the volume, press the Volume Up or Volume Down buttons on the side of your phone.

TIP!

- There's a quick way to play all your music in random order. Flick to Zune, and then tap Play. This icon is next to Music.
- If you have a lot of items in a category (such as Songs or Albums), there's a quick way to jump to a particular point in the list without a lot of scrolling. For example, let's say you're at the top of the Songs list (in the "a" section) and you want to play a song that starts with the letter "s". Tap the coloured box with the letter "s". In the grid of letters that appears, tap S.

Adjusting playback

- 1** When playing an item, use the following controls to adjust playback (some controls aren't available for all media types, such as videos).

Tap this	To do this
	Music: Tap the album image, and then tap Repeat to play the current playlist repeatedly.
	Music: Tap the album image, and then tap Shuffle to play the items in the current playlist in random order.
	Ratings can help you organize your music collection: Sorting songs, artists, or albums by rating gives you a quick look at which ones to get rid of if you need more space.

Tap this	To do this
	Music: Tap to skip to the beginning of the current song or to skip to the previous song in the playlist (the function depends on how much of the song you've played so far). Videos and audio podcasts: Tap to skip backward seven seconds. All: Tap and hold to rewind the current item.
	Music: Tap to skip to the next song in the playlist. Videos and audio podcasts: Tap to skip forward 30 seconds. All: Tap and hold to fast forward the current item.
	Tap to pause playback.
	Tap to play.

TIP!

- When playing songs or audio podcasts, you can also skip to the next and previous items in the playlist by flicking right or left.
- When playing videos, tap the screen to display the playback controls. Press the Back button to return to Music + Videos.
- Press the Volume Up or Volume Down buttons to show the mini playback controls. This works even when the screen is locked.

Showing the current playlist

When you're playing music, the next few items in the playlist are displayed beneath the album image. To see all items in the playlist, do the following:

- 1 Tap the name of the current song (beneath the album image).
- 2 To hide the playlist, wait a few seconds or press the Back  button.

TIP! To play a different song in the playlist, flick up or down as necessary, and then tap the name of the item you want to play.

Showing what's playing now

1 Do one of the following:

- Press the Volume Up or Volume Down buttons. The name of the current song is shown above the mini playback controls. This works even if your phone is locked.
- In Music + Videos, flick to History.

Showing related info about a song

- 1 In **Music + Videos**, when playing a song, tap the artist name.
- 2 Flick left or right to see information (when available), such as other albums by this artist, album reviews and artist biographies.

Games

Games hub

From the Games hub, you can play games not just on the phone; you can also connect to and extend your gaming experience to your computer and your Xbox console.

- **Spotlight.** Read up on Xbox LIVE game news, tips and trends from the Xbox LIVE team.
- **Xbox LIVE Gamer Profile.** Look at your profile to view recently played games, see your gamercard, change account information and even personalise your avatar.
- **Requests.** View invitations to quickly jump into game play, keep up with turn notifications in a turn-based game or accept a nudge from your buddy to make the next move.
- **Collection.** View all Xbox LIVE and other games that you have on your phone in one place.

Playing a game

Xbox LIVE might not be available in your area. If it is available and you want to play games, use an existing Xbox LIVE account or set one up. You'll need to install the game on your phone before you can play it.

- 1** On the Start screen, tap **Games**.
- 2** Flick left to Collection and tap to open a game you've already purchased. If you want to play an Xbox LIVE game, you'll need to sign in to (or join) Xbox LIVE.
- 3** If you want to see whether you have a game invitation or a turn notification, flick left to Requests. If you want to play a game with a friend, but don't have any games on your phone that allow more than one player, flick to the bottom of your collection, then tap Get more games to see what you can try or buy from Marketplace.

NOTE: Xbox LIVE may not be available in your country or region.

FM Radio

Learn to listen to music and news on FM radio. To listen to the FM radio, you must connect the supplied headset, which acts as the radio antenna.

Listening to a station

- 1 Plug the supplied headset into the device. (this doubles as an antenna).**
- 2** On the Start screen, tap **Music + Videos**.
- 3** Flick to **Zune**, and then tap **Radio**.
- 4** To choose a station, do one of the following:
 - Swipe left or right to go up or down the dial. (If you flick instead of swipe, you'll jump to strong stations and skip over weak stations).
 - When you long tap a dial on radio, a short menu that you can choose to pin to start, settings, radio mode: speaker appears.

- Tap Favourites  to show your favourite stations.

TIP!

- Tap Play  or Pause  to start or stop play.
- When the screen is locked, press the Volume Up or Volume Down buttons to show the mini playback controls. You can use the controls to pause or resume the radio or to skip to the next or previous station.

NOTE: As you switch channels, you might see info about each station, such as its genre and what song or program is currently playing. It's up to each station to choose what they broadcast, so you might not see info for every station.

Adding or remove a favourite station

To tune into stations more quickly, try adding a few as favourites.

- 1 Tune in to a station.
- 2 Do one of the following:
 - To add the station as a favourite, tap Add Favourite .
 - To remove the station as a favourite, tap Remove Favourite .

TIP! To show your favourite stations, tap Favourites . You can also pin your favourite station to the Start screen by pressing and holding the station number.

Switching between speaker and headset modes

- 1 While playing a station, tap and hold the station number.
- 2 Tap Radio mode: headset or Radio mode: speaker, to switch between the two options.

Switching radio regions

If you travel internationally, you might need to switch the radio region setting to listen to FM radio when you're abroad. If you do change this setting, don't forget to switch it back to the original setting when you get home.

- 1 While playing a station, tap and hold the station number.
- 2 Tap **Settings**.
- 3 On the Radio screen, tap the Region box, and then tap the name that corresponds to your desired radio region.

Utilities

Setting an alarm

- 1 Tap  on the Start screen to go to your App list and tap the **Alarms**  application.
- 2 If you want to add a new alarm, tap  on the bottom option menu bar. There are preset alarms you can activate.
- 3 Touch Time to set the time you want the alarm to sound.
- 4 Set the repeat.
The icons indicate the weekday you select.
- 5 Choose the sound you like and name on it. When the alarm setting is done, touch  at the bottom of the page.

Using your calculator

- 1 Tap  on the Start screen to go to your App list and tap the **Calculator**  application.
- 2 Touch the number buttons to enter numbers.

- 3 For simple calculations, touch the function you want (+, -, x, or ÷), followed by =.
- 4 For more complex calculations, change the display mode to landscape then choose sin, cos, tan, log, and so on.

Adding an event to your calendar

- 1 Tap  on the Start screen to go to your App list and tap the **Calendar**  application.
- 2 Touch  to make a new appointment.
- 3 Tap Subject to make a title for the appointment.
- 4 Tap Location to enter where it's happening.
- 5 Tap When to choose a date, and then choose the time you want the appointment to begin.

- 6 Tap How long to choose the time the appointment lasts.
- 7 If you would like to set reminder, occurs and status, touch more details and select the options you want.
- 8 If you want attendees to add the appointment, tap add someone to choose a contact. you can also check if it is private and make some notes.
- 9 Touch **Save** to save the appointment in the calendar. A coloured square in the calendar will mark all days that have saved appointments. An alarm will sound at the time it starts to help you stay organised.
- 10 You might want to change the appointment details or delete them. Touch  to modify them or touch  to remove them.

Office

You can manage and view document files. Supported file types are doc, docx, txt, xls andxlsx.

- 1 Tap  on the Start screen to go to your App list and tap the **Office**  application.
- 2 To create one note, tap new on the menu and keep track of stuff at home, school, or work.
To view all your notes, tap notebooks on the menu.
- 3 To view or edit explore Excel, Explore Word, Explore PowerPoint files, flick to Documents.
- 4 Touch and hold any file in **Phone** on **locations** and the options send, delete, properties will appear.

Windows applications

- 1 First, set up a Windows account.
Enter your user name and password.
- 2 After signing in, the contacts, email, and calendar in your Windows account will automatically synchronise with your Windows Phone 7.

TIP! If you change your Windows Live ID account after signing in or delete it, follow the steps below:

Applications > Settings > system > email + accounts > add an account > Touch and hold Window Live ID to synchronise or delete.

Maps

Check your current location and receive directions to your destination. Your Windows Phone 7 must be connected to Wi-Fi or 3G/GPRS.



directions

Tap  and enter a start location and end location to get directions. It will show you how to get from the start to the end, and route details such as the distance and how long it takes. You can also choose route details about walking  and driving .

me

Tap  to search for your location. This is actually where your phone is. You can see your location more accurately by double tapping or pinching and stretching the screen.

You can also pin it to the Start screen, or share it by messaging or hotmail.

search

Tap  and enter the location you want to find out. It will move the map to the place.

NOTE: If you turn aerial view on at the bottom of the page by flicking upward and tapping it, you can search for the aerial location. It even describes nearby buildings and views.

Marketplace

Marketplace lets you download useful applications, music and games. If you install applications from Marketplace, they'll appear in your App list. If you install games from Marketplace, they'll appear in your Games app.

- 1 Tap  on the Start screen to go to your App list and tap the **Marketplace** application. You can also tap the **Marketplace** tile on the Start screen.
- 2 Marketplace has five categories - LG apps store, apps, games, music and podcasts. Select the one you want to install or download.

Hotmail

Hotmail is configured when you first set up your phone. Depending on your synchronisation settings, Hotmail on your phone is automatically synchronised with your Windows account on the Web.

The inbox conversations list is your default Hotmail view.

Touch the Menu button, then touch Refresh to send or receive new emails and to synchronise your emails with your Windows account on the Web.

The Web

Browser

Browser gives you a fast, full colour world of games, music, news, sports, entertainment, and much more- right on your mobile phone. Wherever you are and whatever you're into.

Accessing the Web

1 Tap  on the Start screen to go to your App list and tap the **Internet Explorer** application. You can also tap the **Internet Explorer** tile on the Start screen.

2 You will move to the website.

NOTE: Additional charges apply when connecting to these services and downloading content. Check data charges with your service provider.

Using the Web tool bar

1 Touch  to refresh the web page.

Using options

Touch the Menu options bar to find more options.

tabs - Use tabs as a navigator for switching between sets of pages.

recent - display recently visited list (history) and jump to the link.

favourites - Access a / Edit favourite pages and history pages.

add to favourites - Add the page to favourite.

share page - Send the page link by Email or messaging.

pin to start - Pin the page to the start screen for quick launch.

settings - Refer to "**Settings**" on page 75 for more information.

Connectivity

Bluetooth

Turning on the Bluetooth wireless feature



- 1 On the Start screen, tap the arrow  to go to your App list.
- 2 Tap **Settings > System > Bluetooth**.
- 3 **To turn on Bluetooth, drag the slider of the status to On.**
- 4 Starts to search for Bluetooth devices.
- 5 Tap a device which you want to pair with.

Connecting to a Bluetooth headset

Once paired, you can connect to a Bluetooth device as needed.

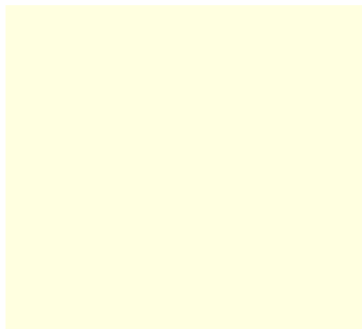
- If Bluetooth is off, touch Bluetooth to turn it on. In the list of Bluetooth devices, touch the name for the paired device on the list.

NOTE:

- If you want to turn off your Bluetooth later, go to Settings, then tap Bluetooth and slide the toggle left to the Off position.
- Once Bluetooth has been set up, the Windows Phone 7 recognises it when it is turned on.
- Windows Phone 7 does not support the Bluetooth file transfer function between cell phones. For more information about Bluetooth, see FAQ.

Wi-Fi

Learn to use your phone's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 b/g/n standards. You can connect to the internet or other network devices anywhere an access point or wireless hotspot is available. Your device uses a non-harmonised frequency and is intended for use in all European countries. WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors in France.



Connecting to a wireless network

- 1 On the Start screen, tap the arrow  to go to your App list.
- 2 Tap **Settings > System > Wi-Fi** to connect to a wireless network.
- 3 Move the slider to **On** to turn on wireless connections. In most cases you'll see both secure and unsecured networks.
- 4 Now tap the network you want to connect to.
- 5 On the next screen, tap the text fields. Then type your user name or password.
- 6 Tap **done** to finish.

NOTE: To guard against accidentally connecting to an incorrect network with the same name, this warning will appear. Tap connect if you're confident it is the correct network.

Editing your Wi-Fi connection

Suppose you need to change the settings for a wireless network, or the network doesn't appear.

- 1 Go back to the Wi-Fi Settings screen to select the network to edit, and then tap and hold the network you want to edit.
- 2 Tap **edit** to change the collected by your new Windows Phone.
- 3 If you need to edit your user name and password, go through the network settings.
- 4 If you need to add or edit proxy information, do it here. Tap and hold to get proxy options.
- 5 If you need to edit the network information, type in the appropriate fields. You'll need to get the new settings information from your network administrator.

NOTE:

- Scroll down to see other network options. This information should be automatically entered by Windows Phone 7 when it identifies your network.
- To turn off a wireless network, go back to the Settings screen, and set **Wi-Fi** to **Off**.
- When you turn Wi-Fi back on, your phone will remember the network settings and automatically connect.

Play To

Learn to use Play To compatible with the Digital Living Network Alliance (DLNA) service that enables you to have contents in your phone play with DLNA DMR-enabled devices in your home over a Wi-Fi.

Before you start, you must first activate the Wi-Fi feature and add a Wi-Fi profile.

NOTES:

- Some files may not play on devices compatible with DLNA-DMR depending on the devices.
- Playback may be buffered, depending on the network connection and the connected DLNA DMR-enabled players.

Playing your files on another DLNA-DMR enabled device

- 1** On the Start screen, tap the arrow  to go to your App list and select **Play To**.
- 2** Tap **Device** icon on the notification bar and choose a target. Your device automatically searches for DLNA DMR-enabled devices.
- 3** Select a media category > a file.
- 4** Playback begins at the selected player.
- 5** Control playback using icons of your phone.

NOTES:

- Playback may be buffered, depending on the network connection and the connected server.
- You can search DLNA DMR-enabled devices only if they are turned on.