

MASINGO

It's time to

KARAOKE

like a pro

Karaoke Machine Alto X6

USER MANUAL

MASiNGO

User manual



Karaoke Machine - Alto X6

Congratulations!

You've just taken your party game up a notch.

Sometimes you just know you are the best at something. The **Alto X6** knows it's the best too...the best at being a karaoke machine. The X6's fully-functional, WiFi-enabled, built-in Android 7.1 touch screen acts as a control panel, lyrics display, and music library simultaneously. This professional machine comes with 2 high-quality UHF wireless microphones, a remote control, and a stunning 40 - watt speaker - all to help you have a karaoke party that is absolutely the *best*!

Choose from Bluetooth, AUX, USB, MicroSD, or HDMI to fill the room with melody. Sing out some show tunes with Grandma, blast out some big hits with your pals, or serenade your sweetheart. To top it off, the guitar input means you can accompany yourself on some righteous riffs. No matter what your skill level, this box of magic is sure to delight vocalists from age 5 to 125.

Want to take your show on the road? The X6 tablet locks into place, and it travels easily with the included carry-strap. Need to send out some announcements during your big bash? No problem! This portable, multi-functional machine doubles as a punchy PA system for volume-adjustable, crystal-clear announcements.

When all is said and sung, just clip the mics to the side and turn off the machine. In no time at all, you'll be ready for an encore.

Sing on!

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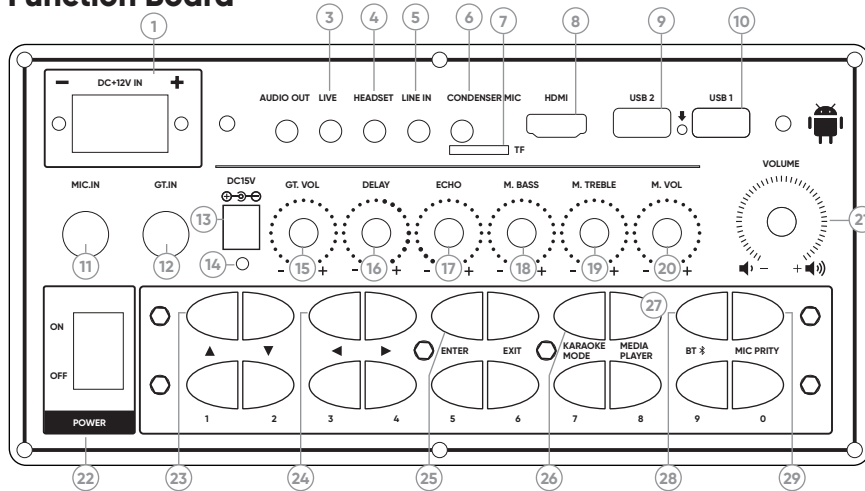
It's the Whole Package!

Parts & Features

What's included...

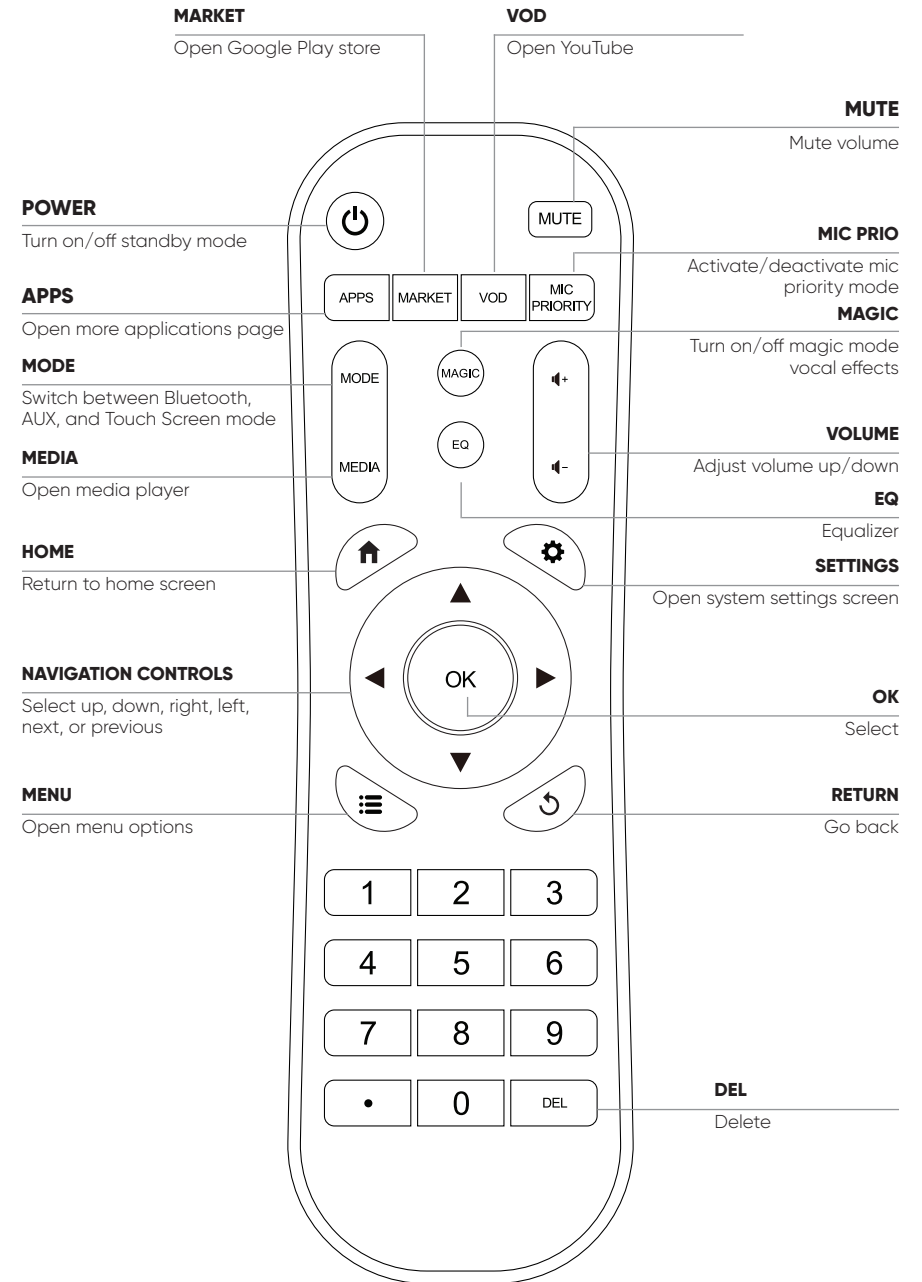
- 1x Masingo Karaoke Machine
- 2x Wireless Microphones
- 1x Remote Control
- 1x AUX Cable
- 1x Charging (DC15V) Cable
- 1x Shoulder Strap
- 1x Performer's Manual

Function Board



- | | |
|-----------------------------------|--|
| 1. DC12V Car Charging Port | 16. Voice Delay |
| 2. 3.5mm AUX Line Out | 17. Audio Echo |
| 3. 3.5 mm Live Audio Port | 18. Mic Bass |
| 4. 3.5mm Headset Port | 19. Mic Treble |
| 5. 3.5mm AUX Line In | 20. Mic Volume |
| 6. 3.5mm Condenser Mic Input | 21. Master Volume |
| 7. TF Slot (MicroSD) | 22. Machine Power |
| 8. HDMI Line Out | 23. Up/Down |
| 9. USB Slot | 24. Left/Right |
| 10. USB Slot | 25. Enter/Exit |
| 11. 6.5mm Mic Input | 26. Karaoke Mode |
| 12. Guitar Input | 27. Media Player |
| 13. DC15V (regular) Charging Port | 28. Bluetooth |
| 14. Charging Indicator Light | 29. Mic Priority |
| 15. Guitar Volume | 30. Sound Effects/Manual Numerical Input |

Remote Control



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Take Note

Review Before using

- 1) Keep this manual for future reference.
- 2) Adhere to all warnings.
- 3) Keep ventilation openings clear; do not block any of this machine's vents/ openings.
- 4) Install and set up the machine according to the manufacturer's instructions provided in this manual.
- 5) Do not install near any heat sources (i.e. radiators, heat registers, stoves, amplifiers, or any other objects that produce heat).
- 6) Use the polarized plug (or grounding plug) carefully. These plugs are made for safety purposes. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade and the third prong are provided for your safety. Please consult an electrician if the provided plug does not fit into your outlet.
- 7) Protect the machine's power cord. Prevent the power cord from being walked on or pinched – particularly at the plug, wall outlet, and the connection to the machine.
- 8) Unplug the machine during lightning storms or when unused for long periods of time.
- 9) Refer all technical services to qualified personnel. Servicing is required when the machine has been damaged in any way, such as damage to the power-supply cord or plug, contact with liquid, exposure to moisture or rain, if the machine has been dropped, or anything else which may cause the machine to fail to operate normally.
- 10) Do not force the SD card into its slot. It can only be inserted in one direction. If the card does not insert easily, remove it and try reinserting in the opposite direction.
- 11) To maintain peak performance and battery longevity, fully charge the karaoke machine at least once every three months and before storing it away for a long period of time.



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Ready, Set, Sing!

Quick Start Guide

- #1 Charge the machine and insert two AA batteries into each microphone.
- #2 Undock the tablet, and gently rotate it to the desired angle.
- #3 Power on the machine and microphones.
- #4 Select your preferred playback mode.
- #5 Display your lyrics and rock on!

Note: See the "Detailed Usage Guide" section of this manual for more information on how to operate your machine.



Check the machine for damage before each use.



Do not expose this product to water, moisture, heat, or steam. Do not place objects filled with liquid on this product.



Do not use the machine with attachments not approved by the manufacturer.



When using the machine outdoors, do not use it in wet or very hot weather. Do not run charging cable through puddles or other moisture.



Clean and store the machine after each use.



Do not expose battery to excessive heat such as sunshine, fire, or other heat sources to reduce risk of fire or explosion.



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Never Miss a Note

Detailed Usage Guide

Machine

How to charge the machine

Plug in the machine's charging cable into the **DC15V** machine charging port (13) on the function board and into a polarized wall outlet. Be sure to charge fully before each use. The indicator light will turn on to indicate charging.

How to turn the machine on/off

Push down the **Power** switch (22) towards the side labeled **On** to turn the machine on.

To turn it off, push down the same switch towards the side labeled **Off**.

How to adjust the machine's touch-screen tablet

The touch-screen tablet is attached to the karaoke machine and cannot be removed. In order to adjust its position, simply flip it up from its resting position and turn it to your desired angle.

Please note that while the screen has the flexibility to rotate in any direction, it cannot turn an entire 360 degrees. Once the screen can no longer rotate easily, it should not be yanked or pushed. Doing so may cause damage or even break the screen off from the machine.

Note: While the tablet can face in a direction of the user's choosing, when first unlocked from its docking station, it is facing the **back** of the machine. To have the tablet face front, gently rotate it 180° so that it faces the same direction as the speaker.

Microphone

How to turn the microphone on/off

Press down on the triangular button with a Power symbol on each of the microphones to turn them on or off.

How to replace the microphone batteries

Screw off the bottom half of the microphone and insert two AA batteries (not included) into the slots. Screw the covering back on and proceed to power on the microphone as directed above.

How to adjust the microphone volume

To adjust the volume level for the microphones, turn the knob labeled **Mic Vol** (20) on the machine's function board to your desired volume level.

How to use PA and Mic Priority modes

When there is no music playing, this machine will automatically start in PA Mode. Simply speak into the microphone by ensuring that it is properly connected as instructed above.

Mic Priority mode automatically lowers the volume of the music to an almost inaudible level when someone begins speaking into the microphone.

To turn Mic Priority mode on or off, press the **Mic Priority** (29) button on the machine's function board. The music's volume will return to normal as soon as the person stops speaking into the microphone.

Music

How to set up playback

Your machine has six different playback options: Bluetooth, Micro-SD, AUX, USB, HDMI, & PA. Each has its own set-up method. See the "Content/Parts" section above for hook-up locations and the relevant subsection below for more information on how to set up your preferred playback mode.

How to connect to Bluetooth

Playing music from your device

To use Bluetooth, press the Bluetooth & AUX app on the touch-screen tablet or the BT (28) button on the machine's function board. Search for the machine name ("Masingo") under your device's Bluetooth connection settings and click to connect.

Note that once you exit the Bluetooth app on the tablet, the Bluetooth mode will no longer be connected.

Caution: Do not turn your smart device volume to maximum or damage to speakers may occur. Place your device volume at midrange and then adjust the volume using the volume control on the machine (21). You may however use either the controls on your device or the controls on the machine to play, pause, or switch between tracks.

How to use SD mode

Plug your MicroSD card into the designated slot (**TF Slot**) (7) on the machine's function board. Once inserted, an icon will appear on the tablet screen indicating that the SD card has been plugged in. To activate this mode, enter the Media Player app, press the SD icon, and choose which file you'd like to play.

How to use AUX (out) mode

Playing music *to* an AUX-compatible device, such as an external speaker.

Plug an AUX or AUX-RCA cable into the **Audio Out** (2) port on the machine's function board and into the designated input on the device you wish to connect. Next, enter the Bluetooth & AUX app on the tablet and press the Line-out icon to activate AUX mode.

How to use AUX (in) mode

Playing music *from* an AUX-compatible device (such as phone or MP3 player):

When the machine is on, plug an Aux Cable into the **Line In** (5) port on the machine's function board and into the designated input on the device you wish to connect. Next, enter the Bluetooth & AUX app on the tablet and press the Line-in icon to activate AUX mode.

Caution: Do not turn your external device volume to maximum or damage to speakers may occur. Place your device volume at midrange and then adjust the volume using the volume control on the X6 machine. You may, however, use either the controls on your device or you may use the controls on the machine to play, pause, or switch between tracks.

How to start USB mode

Playing music from a USB drive

Plug a USB stick or cable into a USB slot (9 or 10) on the machine's function board. Once inserted, an icon will appear on the touch screen indicating that the USB has been plugged in. To activate this mode, enter the Media Player app, press the USB icon, and choose which file you'd like to play.

How to connect to a TV (HDMI Mode)

Plug an HDMI cable into the HDMI Out slot (8) on the machine's function board and into your TV. Enter the Media Player app on the machine's tablet and press the HDMI icon. The audio and video output will now come from both the machine and TV simultaneously.

To limit the audio output to the machine only, simply mute the audio on your TV. Similarly, to limit the audio output to your TV only, turn down the volume on the machine (21).

Note that regardless of the audio output coming from the TV, the microphone's audio output will only come from the machine.

Caution: Do not turn your TV volume to maximum or damage to speakers may occur. Place your device volume at midrange and then adjust the volume using the volume control on the X6 machine.

How to use Karaoke Mode

Karaoke mode allows you to instantaneously convert a song into a karaoke version by muting the vocals. In order to operate karaoke mode,

- 1) Connect your music via USB as instructed in the “How to start USB mode” section. Make sure your music is in RMVB file format recorded in a 2.0 channel system.
- 2) Press the **Karaoke Mode** (26) button on the machine’s function board until the song’s vocals are muted. To restore vocals, simply press the **Karaoke Mode** (26) button again.

How to connect a guitar to the machine

Plug a guitar cable into the GT.IN jack (12) on the machine and into the guitar.

To adjust the guitar’s volume on the machine’s speakers, simply rotate the GT.VOL (15) knob to set your desired volume level.

Note You may wish to download a guitar equalizer app to assist you in balancing your guitar’s sound.

How to use the live port to broadcast live with your phone

- 1) Install your preferred broadcast app (such as Facebook, Tiktok, YouTube, etc.) and register
- 2) Connect your phone to the Live port (3) using a 3.5 mm Aux cable.
- 3) Open the app on your phone. You can now use the Alto X6’s microphone to broadcast live online.

How to sing karaoke using your machine’s tablet

- 1) Ensure the mics are set up correctly and that mic priority mode is off
- 2) On the tablet, pick one of the pre-installed music apps OR download your own favorite music app.
- 3) Search your preferred app for karaoke tracks (i.e. songs with the vocals removed).
- 4) Belt that ballad like it’s your birthday!

***Note*:** Both paid and some free karaoke tracks are readily available on most popular music apps. Many also include lyrics that display in sync with the music. For instance, by searching “Sing King” (or similar) on YouTube you can find dedicated karaoke channels with lyrics displayed.

***Note*:** Some music apps are specifically karaoke apps, and thus will offer you these features for their entire library.

Tablet

How to connect to WiFi

Click on the WiFi icon on the home screen and then select a WiFi network from one of the available options.

How to use the Slide-Up menu on the tablet

The Slide-Up menu is located at the bottom of the tablet’s touch-screen and offers shortcut options that give you access to Bluetooth, Volume Down, Volume Up, Active Applications, Home Screen, Back, and Scroll Down.

Bluetooth allows you to easily access the Bluetooth & AUX app where you can connect to or disconnect from Bluetooth and AUX mode.

Volume Down and Volume Up allows you to adjust the volume of the machine’s audio output. Note that the microphone volume can only be adjusted on the machine’s function board.

The Active Applications feature shows you all of the apps that you are currently using. You can scroll through them to easily access and move from one app to another.

The Home icon returns you to the home screen where you can access apps, settings, and more.

The Back function returns you to your most recent previous screen.

The Scroll Down option allows you to hide the slide-up menu from your screen. In order to view it again, simply slide-up from the bottom of the screen.

How to use Magic Mode and EQ Settings

EQ and Magic Mode settings can be accessed through the DSP Adjuster app. Access the app by swiping from the right edge of the screen towards the center or by clicking on the DSP Adjuster app in the "More Apps" section.

Magic Mode allows you to add special effects to your voice instantaneously through the microphones. To use Magic Mode, select your preferred setting under the "Mic Effects" menu in the DSP Adjuster App.

The EQ Settings allow you to adjust your audio balance for different types of music. You can select from preset EQ settings under "Music Effects" or adjust your sound balance manually under the "Music EQ" menu. Both can be found in the DSP Adjuster app.

How to access notifications

To view the notification bar, swipe down from the top left of the tablet's touch screen.

How to use the One Clean Up app

If your tablet is running slowly, click the One Clean Up app on the home screen to clear out old files. Once processed, the machine should function more quickly and smoothly.

How to use the Lycoo Wallpaper app

The Lycoo Wallpaper app allows you to change the background of your touch-screen tablet. In order to view other wallpapers, scroll through the options by swiping left. Press the option of your choice to select a new wallpaper.

Remote

Operating and aiming the remote

- 1) Install two (2) AAA batteries in the remote.
- 2) Identify the speaker grill:

The remote's sensor is located behind the machine's speaker grill. The speaker grill is the gray mesh located on the front of the machine.

- 3) Ensure you are directly in front of the machine:

The remote's sensor has a range of 60°, which means that a user cannot be more than 30° to one side of (or more than 30)° above the speaker grill.

- 4) Ensure you are within 4 meters (13 feet) of the machine.

The remote has a range of 4 meters.

- 5) Aim the remote directly at the speaker grill and press the desired command.

***Note:** Pointing the remote at the touch screen will NOT achieve the desired results.*

How to adjust Magic Mode with the remote

The remote's Magic feature allows you to add special effects to your voice instantaneously through the microphones.

In order to use it, press the Magic button on the remote to open the DSP Adjuster app. Use the **navigation buttons** on the remote to cycle through the options available for changing your voice until you reach the desired effect. Speak or sing into the microphone for real-time voice distortion!

How to change EQ settings with the remote

The EQ settings allow you to adjust your audio balance for different types of music. You can select from preset EQ settings under "Music Effects" or adjust your sound balance manually under the "Music EQ" menu.

To access via the remote, press the **EQ** button to open the DSP Adjuster app. Use the **navigation buttons** on the remote to adjust your settings, and press **OK** to confirm.

How to switch modes using the remote

To switch the modes between Bluetooth, AUX and Touch Screen using the remote control, press the **Mode** button.

Note that you do not have to be in the Bluetooth & AUX app for this function to work.

Maintenance

How to clean

Turn the machine and microphones off. Unplug the machine's power cord and disconnect any AUX, HDMI, or USB plug-ins

Gently wipe the outside of the machine using a clean, dry cloth. Keep all vents, buttons, and openings free of lint and dirt. Do not immerse the machine in water and do not use any harsh cleaners.

How to store

Charge the machine and microphones so that they are ready for next use. Dock the wireless microphones in their holsters. Make sure that the machine is clean and dry.

Bind the power cord and AUX cable individually and gently with electrician-approved fasteners. (Note: Do not wrap or fold against the natural bend of the cords or cable. Do not wrap the cord around the machine). Store the machine in a cool, dry place away from damaging elements.

For best results, clean and store the machine after each use.

How to transport

The Alto X6 was designed intentionally for easy transport and mobility. Begin by unplugging all wires from the machine and swiveling the touch-screen tablet into its built-in resting mount.

Place the microphones in the two holders attached to the side of the machine.

Using the included shoulder strap, feed the ends of each side through the hooks attached to the top of the machine. Ensure that it is tightly and securely in place by looping it over the hooks and through the plastic fastener connected to the strap.



5. *When Things Go Flat*
Troubleshooting Guide

Problem	Solution
Machine is not turning on	The battery is depleted. Be sure to charge the machine after each use.
Microphone is not turning on	The Microphone battery is low or depleted. Replace the AA batteries in the microphone.
Touch-screen tablet is not turning on	Turn off the power and then turn it back on.
USB or MicroSD mode is not working	Ensure that the tablet is set to the right mode by going to the Media Player app and pressing the icon for your selected input. Alternatively, try unplugging either the USB or MicroSD from the machine and turning it off. Turn the machine back on, plug the USB or MicroSD back in, enter the Media Player app on the tablet, and press the icon for your selected input.
Machine is not playing microphone vocals	Ensure that the Power button on the microphone has been turned on and that the microphone volume (20) is up on the machine's function board. If there is still no audio output from the microphone, unscrew the bottom and insert two new AA batteries. Then proceed with the step above.



The remote control is not working	Ensure you are close enough to the machine and standing directly in front of it. (See "Operating and aiming the remote" above). Aim the remote directly towards the speaker grill. Aiming the remote towards the tablet will NOT achieve desired results. If this does not rectify the issue, please check the remote's batteries.
Next song is not playing	The loop setting of the music has been set to play one song and must be reset to play all in order for the next song to play.
Song name is garbled	The title of the song file cannot be read. Manually edit the song title on your computer and retransfer the edited file to your device.
Machine powers on and then shuts down	Battery is low. Please charge the machine or replace the battery if needed.
No sound is playing from the speaker	Ensure that the volume on the machine, remote, and your device (if applicable) are all turned to an audible level. Also check to see whether you are on mute by pressing Mute on the remote control to see if the audio resumes.
Button or knob on the machine/remote control is not working properly	Power off the machine and turn it back on.
In Karaoke Mode, only the microphone output is playing with no music	Mic Priority mode is turned on. Exit this mode by pressing Mic Priority (29) on either the remote control or the machine's function board.



Karaoke Mode is not working.	Ensure your music is connected via USB and that your machine is in USB playback mode. (Please see the "How to start USB mode" section). Ensure your music files are in RMVB format. (The file names of music in this format end in ".rmvb" when viewed on your computer or device). Make sure the file also was recorded as a 2.0 system (i.e. left and right stereo). Karaoke mode can only mute the vocals of songs in this file format.
Machine is not connecting to WiFi	Please ensure that the WiFi router and the machine are in close proximity to one another and that the WiFi network is functioning properly. If the WiFi still won't connect, try restarting your router and reconnecting to the network afterwards.

If any of these issues persist or if any part of the machine becomes damaged, discontinue use and consult a licensed electrician for repair. Do not attempt to modify or repair the machine yourself. You can also contact our customer service department (see next page).



Don't end things on a bad note.

We're here for you.

If you encounter any issues with your machine—or if you have any questions or comments—please feel free to contact us. Have your warranty information on hand for faster service.

**90-Day
Limited
Warranty**



844-262-7464



support@masingo.net



www.masingo.net

Love your new machine?
We want to hear about it!



 SCAN ME

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.