



iFly 720 Extra Features





Contents



Overview

System Menu	3
-------------------	---

Wireless

Setting Up a Wireless Connection	4
Updating Data Using the Wireless Connection	5
Adjusting Wi-Fi Settings	7

Media

Transferring Media Files to Your iFly 720	8
Video Player Optimal Settings	8
Using the Music Player	9
Using the Movie Player	10

Setup

Changing Setup Configuration	11
Adjusting Brightness	12
Calibrating Touch Screen	12
Adjusting Sound Settings	13
Adjusting System Settings	14
Viewing System Information	14

Other Features

Using the Clock	15
Using the Text Viewer	15
Using the Memo Screen	15
Using the Calculator	15
Playing the Card Game	15
Using an External Audio/Video (AV) Device	15
Using an External Camera	16
Connecting External Wireless Devices	16



Overview

System Menu

The System Menu contains extra features such as: setting up wireless (Wi-Fi) access; viewing multimedia, image, and text files stored on a USB flash drive; using a calculator; writing memos; playing games; and connecting audio / video devices.

Access the System Menu from the iFly 720 Moving Map by touching **Menu** → **Exit**, then choose one of the exit options.



Navigation	Go to iFly 720 Moving Map Software
Music	Open the Music Payer
Movie	Open the Movie Player
iFly Streets	Open iFly Streets
Clock	View the clock
Setup	Adjust the brightness, calibrate the touch screen, adjust time and date settings, view system information, and modify WiFi settings
Update	Check for updates of aviation data and software
Internet	Open the web browser
Calculator	Open the calculator
Memo	Open the memo screen
Text Viewer	Open the text viewer
AV-In	Use an external audio / video device
Game	Play the card game



Setting Up a Wireless Connection

To set up a wireless connection for your iFly 720, you will need to know the “Network Name or SSID” and “Network Key or Passcode” of the network you want to connect to.

Note: Contact your wireless service provider if you do not know the Network Key or Passcode.

1. Power on your iFly 720 and touch **Setup** on the **System Menu**.



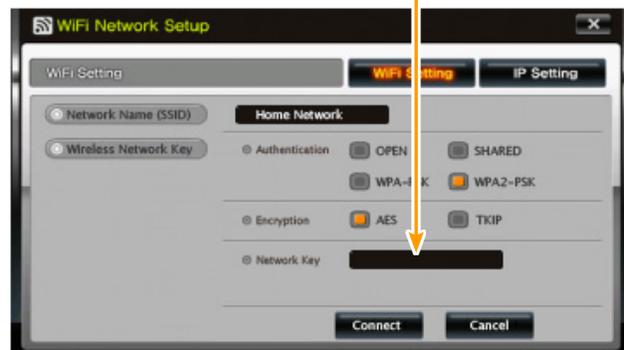
2. Touch the Wireless symbol. (Wait a few seconds for the list to populate with available networks.)



3. Touch the desired Network from the Wi-Fi Network List.



4. Touch the Network Key box to enter the Network Key or Passcode.



5. A keyboard screen appears. Enter your case-sensitive Network Key or Passcode.

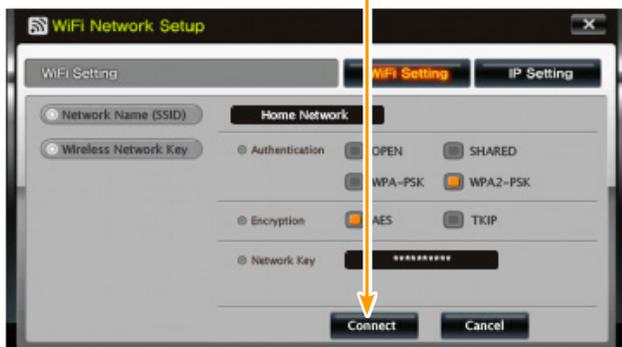
Note: Touch the uppercase, lowercase, and number symbols at the bottom of the screen to change case.

6. Confirm you have entered the Network Key or Passcode correctly and touch **Save**.



Wireless

7. Touch **Connect**.



8. Confirm **Wi-Fi Status** shows "Authenticated to (Network Name)".



9. You should now be able to use the update and internet functions.

Notes:

- To use the update and internet functions you must also activate your data subscription on www.iFlyGPS.com.
- Once you have made this initial connection, you will not need to repeat these steps unless you perform an Operating System firmware update.

Updating Data Using the Wireless Connection

1. Be sure your iFly 720 is connected a Wi-Fi source. See "Setting Up a Wireless Connection" on page 4.
2. Touch **Update** from the **System Menu**. (This will connect to the iFly server and populate a list of items that need updating.)



Saves this list configuration for future update lists

Updates only the current METARs, TAFs, Winds Aloft and active TFRs

Starts the update download



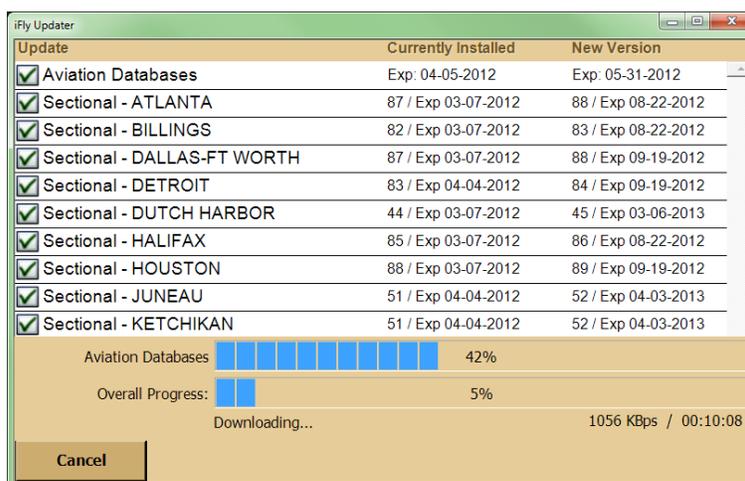
Wireless

3. Select or deselected items as desired.

Notes:

- *It is not necessary to update every chart that expires; we recommend you only update data that is relative to your flights.*
- *The first three checkboxes in the list: "Weather & TFRs," "Airport & Navaid Database, and "Software" should always be updated when available.*

4. Touch **Install Selected Items** to start the update download. Do not disconnect power or attempt to do anything else with the iFly GPS until the update is complete.





Adjusting Wi-Fi Settings

1. Access by touching **Setup** → **Wi-Fi** icon from the **System Menu**.
2. Touch **Wi-Fi Setting** to view / adjust network settings.

Turn Wi-Fi on or off

Available networks will be shown automatically

“(Pre)” indicates a pre-configured network. These will automatically connect when in range

The screenshot shows the 'WiFi Network Setup' window with 'WiFi Setting' selected. The 'WiFi Status' is turned ON. Under 'WiFi Network', 'Free Public WiFi (Pre)' is selected. An 'Add New...' button is at the bottom.

2. Touch **IP Setting** to view / adjust IP settings. Settings in DHCP Mode will auto-populate.
3. Touch **Static** to enter custom IP settings, connect a SkyRadar, or connect other Wi-Fi tethered devices.

Select address type

Shows IP information

Shows DNS information

The screenshot shows the 'IP Setting' window. 'Address Type' is set to STATIC. Under 'IP Info', IP Address is 169.254.127.239, Subnet Mask is 255.255.0.0, and Default Gateway is empty. Under 'DNS Server', DNS 1 is 192.168.43.1 and DNS 2 is 127.0.0.1. A 'Refresh' button is at the bottom.



Transferring Media Files to Your iFly 720

1. Connect a USB flash drive to your computer. Copy your video, music, and text files to the USB flash drive. Available formats are:

Video	Audio	Text
AVI, DIVX, MP4, M4A, MPEG, MPG, MPV, DTA	MP1, MP2, MP3, MPA, MKV, MKA, OGG, OGM	TXT

Note: Some files may not play because of codec license issues.

2. Eject or stop the USB flash drive.

Note: Do not pull the USB flash drive out of your computer without first ejecting or stopping it. Consult your Operating System documentation for information on how to eject or stop your USB Flash Drive. If this step is not accomplished the files may not be completely copied, and the transfer process may fail.

3. Connect the USB flash drive to your iFly 720.

4. See page 9 to play music files.

See page 10 to play video files.

See page 15 to view text files.

Video Player Optimal Settings

If you have trouble playing compressed video files (AVI, MPG, etc), you can convert them to their optimal settings shown below. You may need to download a codec converter from the Internet to perform the conversion.

Video optimal settings

- Resolution: 640x480
- Frame per second: 15-20 fps
- Bit rate: 150 kbps, (250 kbps for fast moving pictures)
- Codec: DIVX4

Audio optimal settings

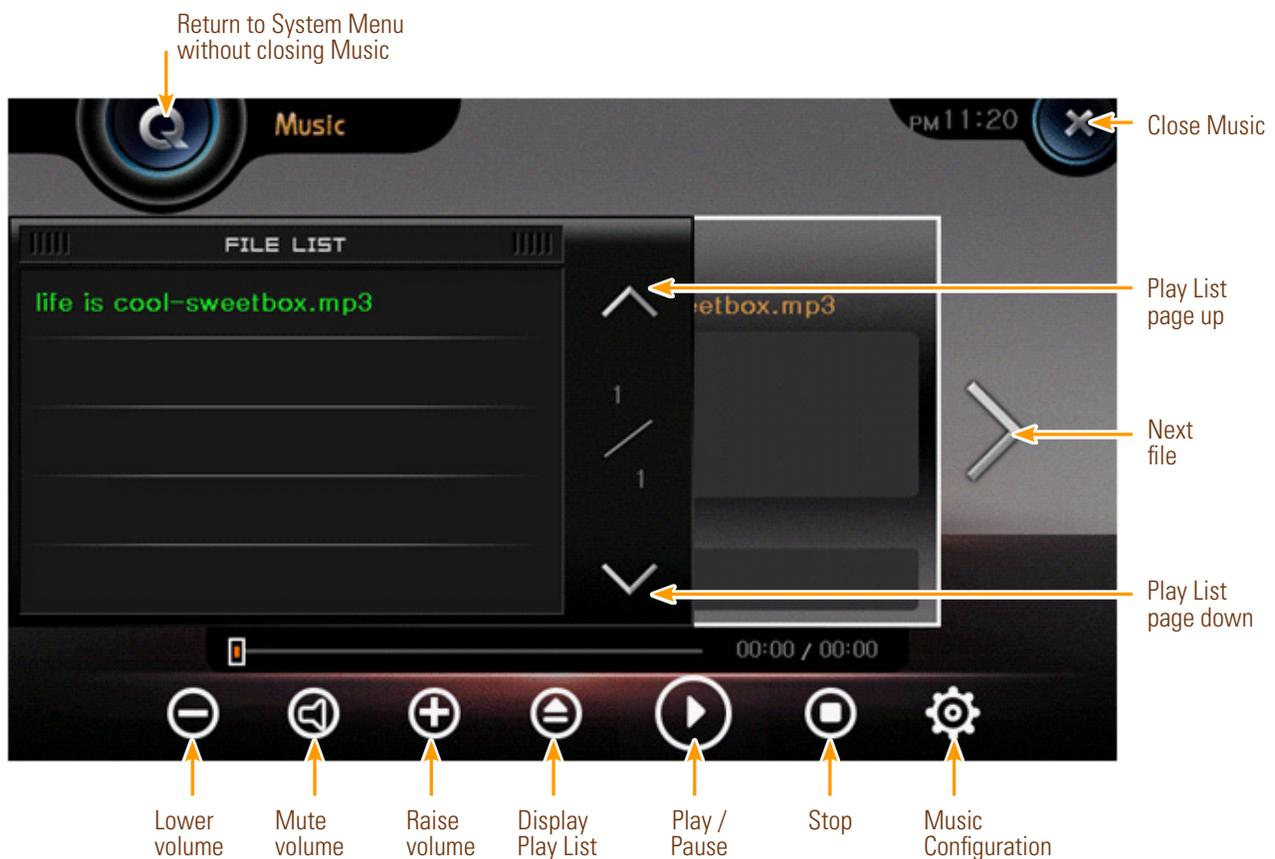
- Bit rate: 64 kbps
- Sampling rate: 44 KHz
- Mode: stereo
- Codec: MP3



Media

Using the Music Player

1. Access the Music Player by touching the **Music** icon from the **System Menu**.
2. Make sure the USB flash drive containing your files is plugged into the iFly 720.
3. Touch **Display Play List** to view a source file list. Select the file that has your desired music in it.
4. Select desired media files and use the **Singe Arrow** to move selections to the "Select List".
5. Touch the **Save "Disc"** icon to save the playlist.
- 6 Touch the **Play** icon to play the playlist. You can also use the arrows to select a different saved playlist.
Note: the media files are not actually transferred to the iFly; only a playlist or shortcut is created. You will need to have the USB or files on the SD card present to play the playlist.
7. Operate the Music Player using controls shown below.





Media

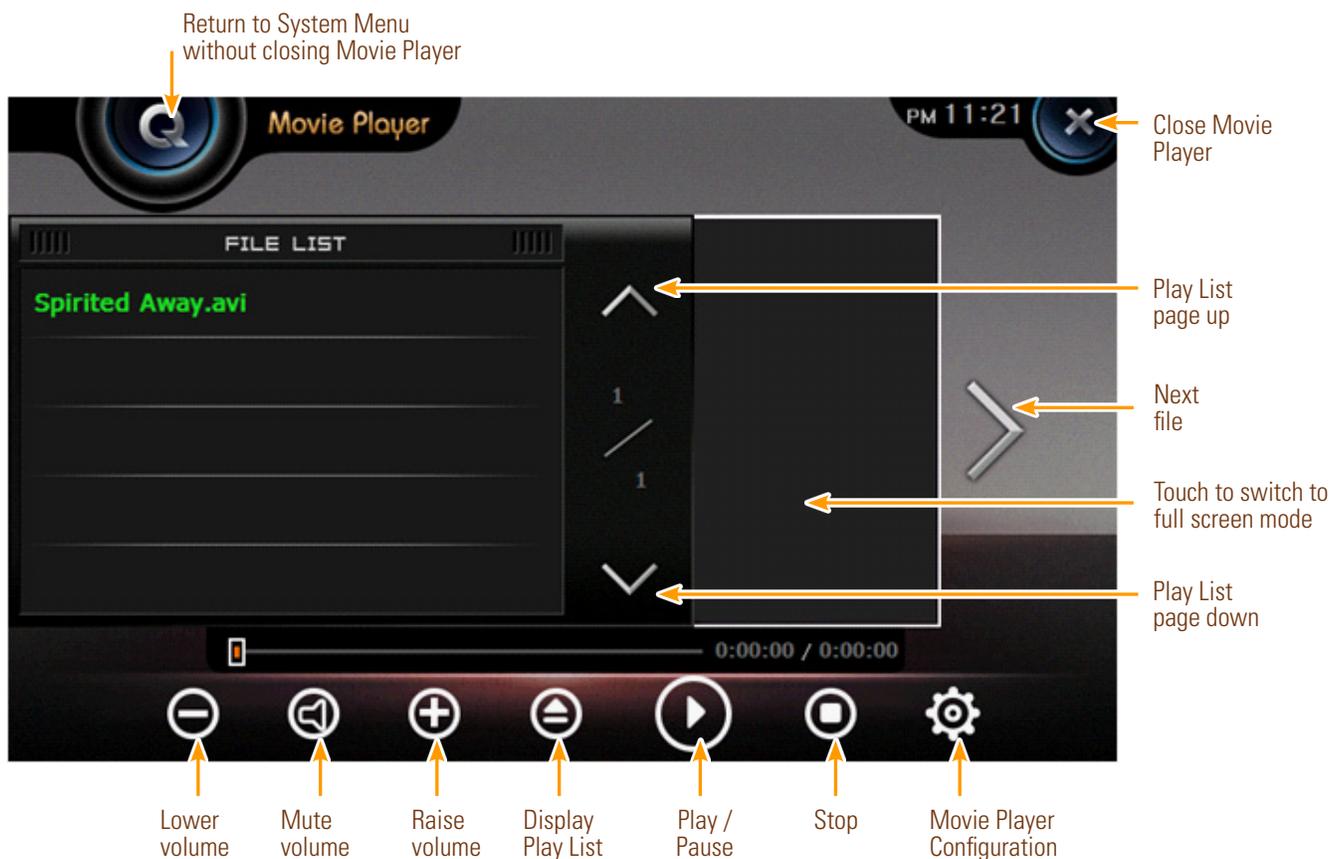
Using the Movie Player

1. Access the Movie Player by touching the **Movie** icon from the **System Menu**.
2. Make sure the USB flash drive containing your files is plugged into the iFly 720.
3. Touch **Display Play List** to view a source file list. Select the file that has your desired movie in it.
4. Select desired media files and touch the **Singe Arrow** to move selections to the "Select List".
5. Touch the **Save "Disc"** icon to save the playlist.
- 6 Touch the **Play** icon to play the movie. You can also use the arrows to select a different saved movie.

Notes:

- The media files are not actually transferred to the iFly; only a playlist or shortcut is created. You will need to have the USB or files on the SD card present to play the movie.
- If you have trouble playing videos, see page 8 for available formats and optimal settings.

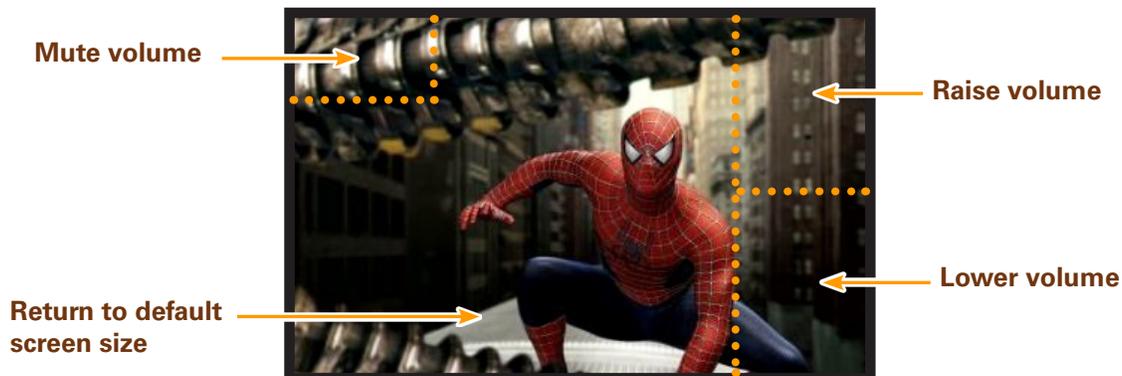
7. Operate the Movie Player using controls shown below.





Setup

When using the Movie Player in full screen mode, you can touch the screen in the areas shown below to control the volume or return to the Movie Player's default screen size.



Changing Setup Configuration

Access the Setup menu by touching **Setup** from the **System Menu**.





Setup

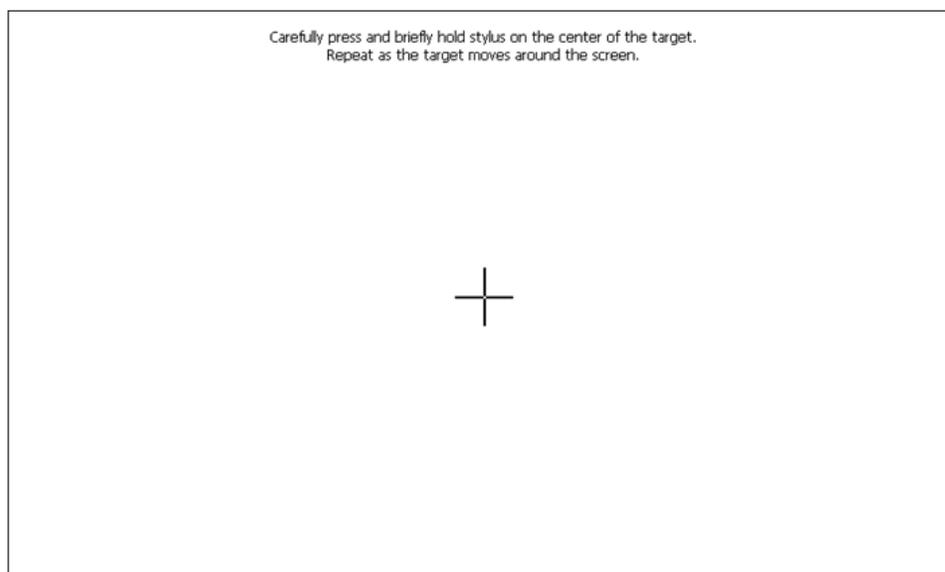
Adjusting Brightness

Access by touching **Setup** → **Brightness** icon from the **System Menu**.



Calibrating Touch Screen

1. Access by touching **Setup** → **Calibration** icon from the **System Menu**.
2. When calibrating the touch screen, use a stylus, toothpick, or plastic pointed object.

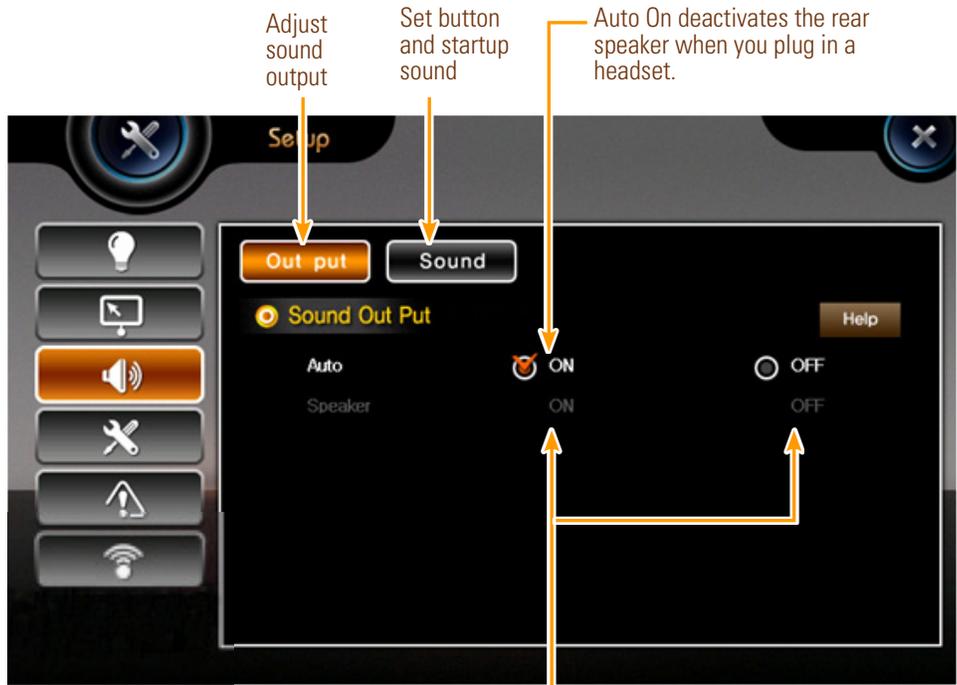




Setup

Adjusting Sound Settings

Access by touching **Setup** → **Sound Settings** icon from the **System Menu**.



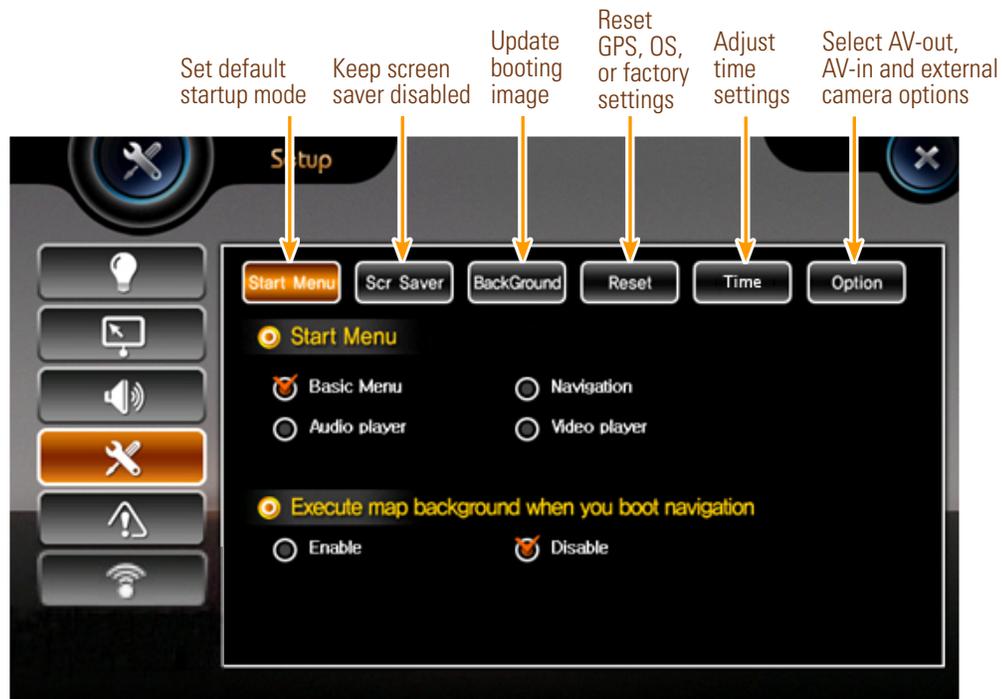
When Auto is set it to off, you can choose to keep the rear speakers on or off when a headset is connected.



Setup

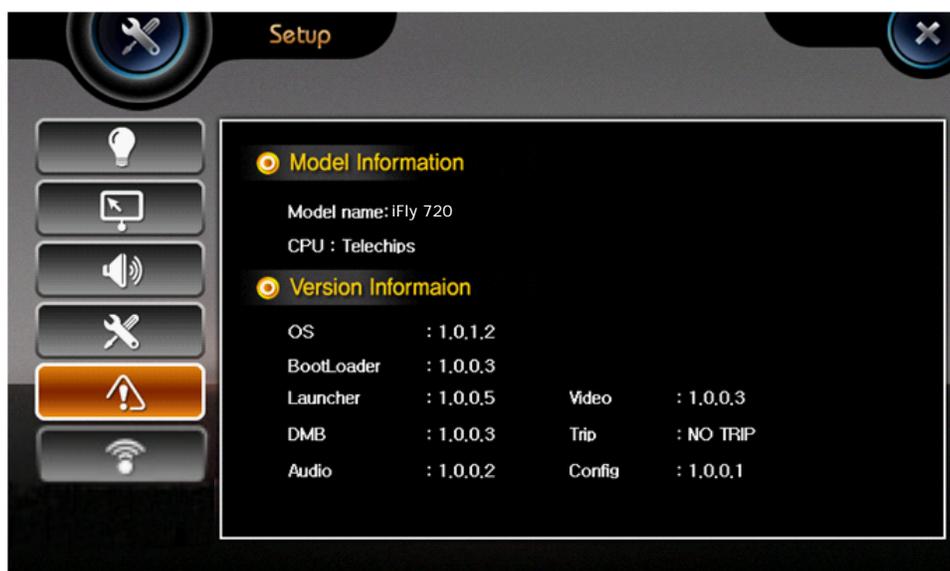
Adjusting System Settings

Access by touching **Setup** → **System Settings** icon from the **System Menu**.



Viewing System Information

Access by touching **Setup** → **System Information** icon from the **System Menu**.





Other Features

Using the Clock

1. Access by touching the **Clock** icon in the **System Menu**.
2. The current date and time are displayed on the screen.
3. The current date and time are taken from GPS data when the device is on. If the time is not correct, check the time settings. See "Adjusting System Settings" on page 14.

Using the Text Viewer

1. Access the Text Viewer by touching **Text Viewer** from the **System Menu**.
2. Make sure the USB flash drive containing your files is plugged into the iFly 720.
3. Touch **Open**. A file window appears.
4. Choose a .TXT file from the file window and touch **OK**.

Using the Memo Screen

1. Access the Memo Screen by touching **Memo** from the **System Menu**.
2. Use your finger or a stylus to write on the screen.

Using the Calculator

1. Access the Calculator by touching **Calculator** from the **System Menu**.

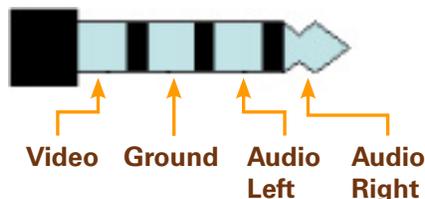
Playing the Card Game

1. Access the Free Cell card game by touching **Game** from the **System Menu**.

Using an External Audio/Video (AV) Device

1. Connect an AV cable between your AV device and AV-In jack on the side of the iFly 720.

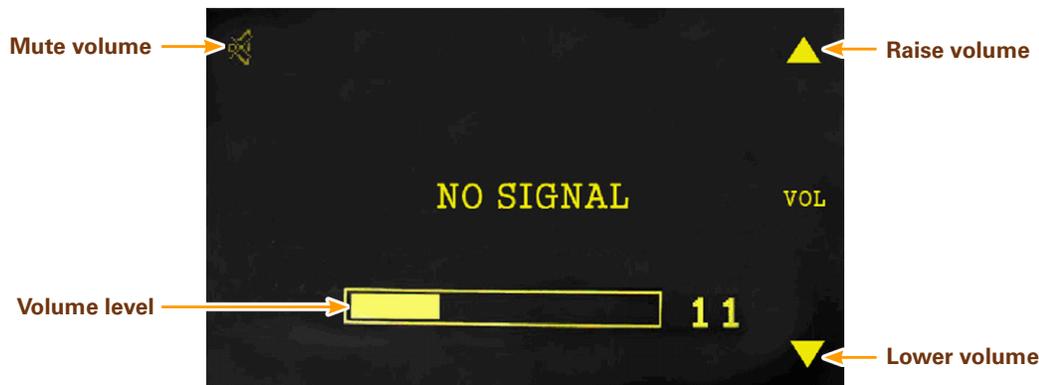
Note: Make sure your AV cable jack matches the configuration shown below (except video portion not required if only playing audio).





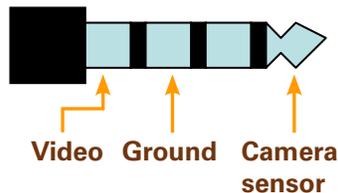
Other Features

2. Access the AV feature by touching **Menu** → **System Menu** → **Additional** → **AV**.

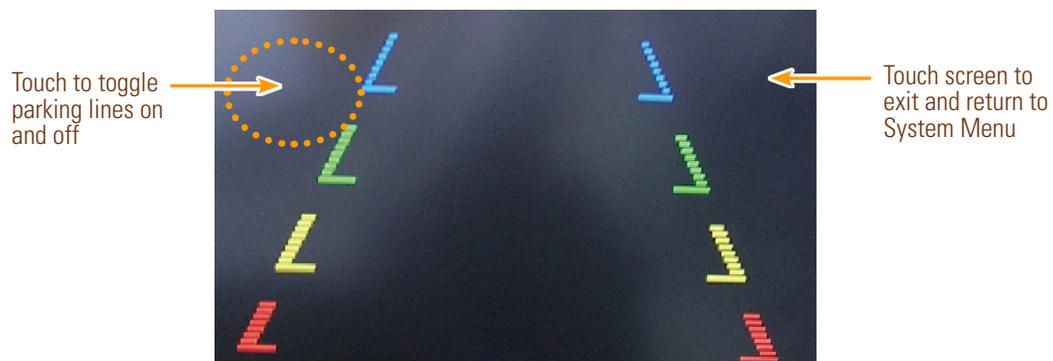


Using an External Camera

1. Connect your external camera to the R-CAM jack on the side of the iFly 720.
Note: Make sure the camera cable jack matches the configuration shown below.



2. The external camera should be detected automatically.



Connecting External Wireless Devices

See "Adjusting Wi-Fi Settings" on page 7.