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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.

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<th>Navigation</th>
<th>Go to iFly 720 Moving Map Software</th>
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<td>Game</td>
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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**.
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
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.

   ![Wi-Fi Network Setup]

   - **Wi-Fi Status**: 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.

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.

   ![Wi-Fi Network Setup]

   - **Select address type**
   - **IP information**
   - **DNS information**
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:

<table>
<thead>
<tr>
<th>Video</th>
<th>Audio</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVI, DIVX, MP4, M4A, MPEG, MPG, MPV, DTA</td>
<td>MP1, MP2, MP3, MPA, MKV, MKA, OGG, OGM</td>
<td>TXT</td>
</tr>
</tbody>
</table>

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
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.
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.

![Movie Player Controls](image-url)
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.

**Mute volume**  
**Raise volume**

**Return to default screen size**  
**Lower volume**

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**Changing Setup Configuration**

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

- **Brightness (page 12)**
- **Calibration (page 12)**
- **Sound Settings (page 13)**
- **System Settings (page 14)**
- **System Information (page 14)**
- **Wi-Fi Settings (page 7)**
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.

Carefully press and briefly hold stylus on the center of the target. Repeat as the target moves around the screen.
Adjusting Sound Settings

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

- **Adjust sound output**
- **Set button and startup sound**
- **Auto On deactivates the rear speaker when you plug in a headset.**

When Auto is set to off, you can choose to keep the rear speakers on or off when a headset is connected.
Adjusting System Settings
Access by touching **Setup** \(\rightarrow\) **System Settings** icon from the **System Menu**.

- Set default startup mode
- Keep screen saver disabled
- Update booting image
- Reset GPS, OS, or factory settings
- Adjust time settings
- Select AV-out, AV-in and external camera options

Viewing System Information
Access by touching **Setup** \(\rightarrow\) **System Information** icon from the **System Menu**.

- **Model Information**
  - Model name: iFly 720
  - CPU: Telechips

- **Version Information**
  - OS: 1.0.1.2
  - BootLoader: 1.0.0.3
  - Launcher: 1.0.0.5
  - DMB: 1.0.0.3
  - Audio: 1.0.0.2
  - Video: 1.0.0.3
  - Trip: NO Trip
  - Confix: 1.0.0.1
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).
2. Access the AV feature by touching Menu \(\rightarrow\) System Menu \(\rightarrow\) Additional \(\rightarrow\) 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.