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1 SimTouch

1.1 Installation Setup

When you install SimTouch, when you open for the first time you will be asked to enter a license key. You will see in green text your computer id, you email your computer id to customer care@simtouch.eu. A member of SimTouch will create your key and email it back to you. Follow this procedure below for quick setup

1. Open SimTouch
2. In the SET section of SimTouch you will see a drop down with monitor numbers. If your touch screen monitor is say monitor number 2 then select monitor number 2 from the drop down box by clicking the down arrow on the box.
3. Now click with the mouse the Set Monitor Button at this stage SimTouch will automatically place it's self on the appropriate monitor (if your monitor is setup correctly).
4. If Flight simulator is not open then open it and select a flight or mission.
5. Now on your touch screen monitor in SimTouch click connect to FSX button now the mouse cursor will disappear and you will have switched to touch assuming you have connected your touch screen monitor according to manufacture instructions.

Note FSX must be running

You must have Microsoft Dotnet Framework 2.0 installed on your PC usually come installed with Windows 7.

Must have FSX SP2 or Acceleration installed.

Note: All upgrades will be only announced on our new page www.simtouch.eu so you should check once a month.

1.2 ATC

Using the ATC section in SimTouch is very straight forward.

By simply pressing the show button will open the ATC Menu on FSX by pressing it again will close the ATC Menu.

The dial pad is use to enter the reference menu number of choice for ATC.

The Talk button allows you to talk to ATC on a specific radio frequency while in multi player.

The talk all button allows you to talk to all aircraft while in multi player .

Simply press the tak button when green your microphone will be open while blue your microphone will be closed.

The MP chat button will open and close the multi player chat window.

1.3 Autopilot

The auto pilot section consists of all the usual controls you will find in FSX aircraft. All controls work on the same principle of FSX. With Vertical speed, altitude, speed, & heading you have and decrement and increment buttons to change the settings. For example to change altitude the + button will increment the value for altitude and the - button will decrement the value for altitude. The same principle applies to the other controls.

When buttons are illuminated they are in the on position and when they are not illuminated they are in the off position.

The VOR 1 VOR2 select button is to choose which VOR setting you wish to navigate to meaning if VOR 2 is selected the radio frequency in NAV2 active will apply.

The GPS Nav select button is to select if you wish to navigate from GPS or VOR.

Note NAV is equivalent to VOR.

1.4 Controls

In the controls section

Pitot heat on and off switch for setting the pitot heat.

TOGA is the takeoff and go around switch used to bring the throttle to the correct position basically the same principle as FSX.

The flaps will assign the appropriate stages of flaps to suit the aircraft in use. A green led will light for each stage of flap applied and Full will light when full flaps are reached.

Speed brake armed will light blue when armed and the speed brake handle will move to the appropriate position.

Hand brake on off is used to turn on or off the hand brake.

Gear up down is used to switch the gear up or down.

1.5 GPS

The GPS Section is a complete mimic of FSX GPS System buttons. Here you have full control

of the GPS system without having to touch a mouse or keyboard.

This is the same for the G1000 when using aircraft with the G1000 GPS.

1.6 Lights

The lights section allows you to switch on and off all the light in your aircraft. Simply touch the switches with your finger to change state.

1.7 Minimum callouts

Minimums call-outs

MiniMums Call-outs are built-in to SimTouch and perform call-outs 2500 / 1000 / 500 / 400 / 300 / 200 / 100 / 50 / 40 / 30 / 20 / 10 / Approaching minimums / minimums minimums (when reached as per decision height set) So if you set your decision height for 200 feet you will hear around 250 feet "approaching minimums" and at 200 feet "minimums minimums" Minimums call-outs will work with all FSX aircraft with a GPWS (Ground proximity warning system) installed i.e. Boeing 747-400 737-800 Airbus A320 etc, there is no risk of your Cessna 152 doing the call-out. Call-outs will work on any approach land once the ILS Frequency is set in Nav1 or Nav2, which ever you are using. You will not need to be in a perfect straight line with the CDI needle (Localizer), there is grace for about 10% each side left & right of the runway, however if you are miles off to the left or right of the runway call-outs will not be heard until you line up with the runway.

Minimums call-outs will work on any approach Free flight / Mission / Online multi player even the learning centre, so there is no need for special addon aircraft or missions. All call-outs will be heard from SimTouch which gives a real cockpit effect.

So simply enter the ILS frequency in to your radio and when established on the Localizer the minimums call-outs will be heard. Your rate of decent should be 500 or less feet per minute to hear all call-outs just like a real aircraft. So if your decent is quiet rapid you may hear something like 50 20 10 missing 40 30. Like real aircraft it takes so many seconds to say "50" and if you pass to 40 very rapid it will skip the "50" call-out to keep the call-out true to altitude.

Other sounds built-in are Stall / Over Speed, Autopilot Disconnect & Altitude reached. Altitude reached is where you are climbing or descending on autopilot so for example I am climbing from 5000 feet to 10000 feet, when the climb has reached 10000 feet the Altitude alert sound will be heard

1.8 Radio

Changing radio frequencies is quite simple, if you were to change the frequency in COM1, simply touch the brown area anywhere in COM1 section and the blue led light will illuminate,

when the blue led light is on

you can enter the frequency with the keypad, so you enter as you would say it, to enter 128.30 just enter the numbers including the decimal and the frequency will appear in the COM1 Standby box. To make the frequency active simply touch the Swap button (<>) to transfer the frequency from standby to active.

The same principle applies to change the frequency in any section. Where ever the blue light is on, is where the change will happen. If you enter the incorrect digits when entering a radio frequency just touch the CLR (clear) button to re-enter.

The red led represents TX transmit the green led represents RX receive, when using the Both button you can for example transmit and receive on com 1 and receive on com 2 , this is very useful to remain listening to ATC on com1 while listening to the ATIS on com2.

The orange led when on represents the ID button on.

Again all buttons have the same representation as FSX, the buttons at the end of the radio stack are used for selection and sound.

1.9 Using SimTouch

Hello and thank you for purchasing SimTouch Local.

To use SimTouch you must have a second touch screen monitor connected to your pc. The second monitor should be set to 800 x 600.

Open up simtouch after FSX has been start up to at least flight options, select your monitor number then click on the button Set monitor and the software will automatically place it's self on to the required monitor . Note: Your monitor selction number depends on your set-up with your graphics card or cards, in some cases when using 2 graphics cards both monitors maybe monitor 1. Then click connect to FSX button and your done!

To Exit click Exit button and it will close on your monitor , then on your pc do the same again.

We will explain some of the options used in SimTouch but you will find they are exactly as you would use in FSX cockpit.

If you are using just one video card on your pc unlike SimTouch Wince you will most likely only be able to fly in window mode as appose to full screen, this is due to FSX settings with out of sync when using a second monitor causing the screen on the second monitor to go black. Some users can correct this by making changes in there video card settings or by using a second video card. This is an FSX issue not a SimTouch issue and the same problem will exist even if you have noting on the second monitor.

A lot of you simers have more than one video card and this should be no problem , nut you will find SimTouch we compensates for this in what it offers in controlling your aircraft.

Important notice: You are responsible for any licence fees payable for using Microsoft Bing maps, there may or may not be usage fees for using the maps, normal it only applies to commercial business not individual use. In the SimTouch installation folder there is a virtualearth.html file where you can add your usage details if required.

for all contact information
www.simtouch.eu

SimTouch Support support@simtouch.eu also joining our forum for technical support is a good idea as the answer to your question may already exist in the support forum.

1.10 Virtual earth maps

Using virtual maps in the map section requires an internet connection.

The maps will adjust as to your flight and you can stop and start realtime flying by using the start and stop button.

You can switch between road and aerial view.

You can also draw the flight plan on the existing map by pressing the Plan button, this should only be done after a flight plan has been loaded or a mission loaded. So make sure SimTouch is running before you load the flight plan.

1.11 TCAS System

Traffic Collision Avoidance System (TCAS)

SimTouch TCAS monitors Aircraft traffic within a five nautical mile radius.

Traffic in the monitoring radius range is shown in their exact location on the existing map in SimTouch.

There are three buttons associated with the TCAS system, TCAS PWR / Alarm Active & Sound Active. The TCAS PWR button turns on the TCAS system, while in this mode you can visual see the monitored aircraft on the map.

The Alarm active button when active will show a flashing red led light (found in the bottom right hand corner beside the temperature) when traffic is present.

The Sound Active button adds the sound alert "Traffic Traffic" when traffic is present.

All buttons will illuminate when active mode(on).

So to press the TCAS PWR button plus the Alarm Active button plus the sound active button would result in monitoring traffic within the radius, when traffic is present it will be visual to exact location on the map, the red led light will flash and the sound will be heard "Traffic Traffic". To silence the sound simply press the Sound alert button to off and the sound will silence within 2 seconds, to turn off the red led light press the Alarm active button, at this stage you can still monitor the aircraft on the map . To turn off monitoring completely press all three buttons to their off position.

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