

EUT : Mouse

FCC ID : N9Q99NS22P

XNTC NEW TECH CORP.

USER'S MANUAL

Table of Contents

I. Introduction	
1. FCC Notice	
2. Package Contents	
3. System Requirements	
II. Hardware Installation	
1. PS/2 Mouse – Mini Din 6 Pin Connector	
2. Serial Mouse – D-Sub 9 Pin Connector	
III. Software Installation	
1. For Win 95/98	
2. For Win 31, DOS	
IV. Using Software	
V. Software Installation	
VI. How to use the Amouse Driver for DOS	
1. Loading the Amouse Driver for DOS	
2. Parameters of the Amouse Driver for DOS	
VII. Operation Guide for the Amouse Driver for Windows 3.1	
1. About the Amouse Driver for Windows 3.1	
IX. Operation Guide for the Amouse Control Panel for Windows 3.1 or Windows 95	

Introduction

Thank you for your purchase of the most technologically advanced computer input device in the world. With almost double the input resolution of currently available devices in the marketplace, its speed and ease of use will make your computer experience more productive and enjoyable.

Give the device an ample period of time for evaluation. The increased speed and sensitivity will require different handling and usage techniques than those for devices from other suppliers.

Specifically you will note that there is no longer a requirement for a large mouse pad. A smaller pad is enclosed with this package. If you travel with a notebook you will be surprised at the ease of use of this device, even in the tight confines of an airline seat.

It is suggested that the users' wrist and forearm rest on the computer desk and the device controlled with only the use of the thumb and fourth finger. This greatly reduces fatigue associated with the use of a computer mouse and may also reduce the tendency for other Stress Related Injuries.

And finally, the speed and sensitivity can be reduced/increased for specific applications or individual preferences. This is accomplished through the Control Panel "A mouse" settings for Win 31, or "mouse" settings for Win 95/98.

Please read the Users Manual completely to fully understand the capability of the input device and minimize any chance of errors or problems with installation or usage.

1. Federal Communications Commission (FCC) Notice

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.

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. 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.

Shielded interface cables must be used in order to comply with emission limits.

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

2. Package Contents

1. Mouse
2. Users Manual
3. Mouse Pad
4. Software Installation Disk

3. System requirements

- a. Personal computer: IBM PC, XT, AT, PS/2, other compatible Desktop Computer, Notebook or Laptop computer.
- b. Driver Installation: Two Floppy Disk Drives: one Hard Disk Drive, and at least one Floppy Disk Drive; or Network capability.
- c. Display Mode: Hercules, CGA, EGA, VGA or Super VGA with VESA format.
- d. Communication ports: COM1/COM2 serial port or a PS/2 communication port.
- e. Operating system: PC-DOS or MS-DOS 3.0 or higher, Windows 3.1, Windows 95/98 or Later.

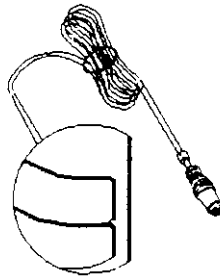
Hardware Installation

Before you begin installation of this device please note there may be software conflicts generated with some other installed drivers. To prevent the occurrence of conflicts, disable or remove existing mouse drivers and change to standard serial or PS/2 mouse drivers as supplied with your operating system.

As with all electronic devices, your computer should be powered down before the installation proceeds. Should any problems be encountered during installation or operation, check the contents of this manual. If the problem still can not be resolved contact your dealer for technical support.

PS/2 Mouse - Mini Din 6 Pin Connector

- The PS/2 Mouse uses a Mini Din 6 Pin Connector like that shown in figure (G.1).
- Locate the PS/2 Port on your PC.
- Attach the connector of the Mouse to the PC.
- Turn on your computer and proceed with the Software Installation procedure.



G.1

Software Installation

This software driver only design for the XN Tech mouse. So if you use other mouse it may not work by installing this driver.

1. Connect the mouse cable into the connector of your computer.
2. Start Windows 95 or windows 98. If this is your first mouse for your new system, the Windows will try to find the default driver for you new mouse (Plug and Play). Please let the Windows do the Plug and Play action, don't cancel it.
3. Insert the XN 3D diskette into floppy A or B.
4. Click the Win95/98 Start button and select Run.
5. Type A:\Setup or B:\Setup from the Dialog box
6. This is one click installation, after installation is completed. Please restart the Windows, then you can start to enjoy the feature of XN mouse.

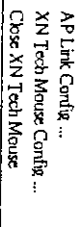
Using Software



Once you have installed the software driver and restart the Windows, an activator icon will appear at Windows 95 Taskbar.

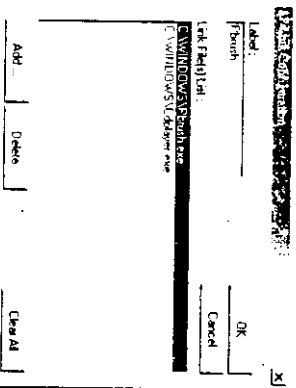
Double-click the activator icon to activate the Mouse properties software which contains several Pages for you to configure.

Or you can right single-click the activator icon to popup a menu with which you can select the following options;



1. AP Link Config...

Configure the application list of My Application within the Configure the Easyjump.



2. XN Tech Mouse Config...

Activate the Mouse properties software.

3. Close XNTech Mouse

Close the mouse software, and disable the extra functions within the mouse properties.

Select the **XN Tech Mouse** icon in the **Start Menu** to restart the Mouse activator software.

The Mouse properties software can also be activated from the 'MouseControl' of control panel.

<Go Back> <Continue>

Software features

- [Step Saver Page](#)
- [Visibility Page](#)
- [Productivity page](#)
- [Wheel page](#)

This software utility adds much more features than the standard mouse. We categorize these features into 4 groups within the pages of mouse properties. You can configure these features by choosing the mouse properties from the control panel. Please read the following description of the software features.

Step Saver Page

Step Saver | Visibility | Productivity | Wheel |

This page contains four properties for you to configure, which will save the distance of mouse movement, or the times of mouse click while you are using the mouse.

1. Snap to

Snap to

☒ Enabled



Automatically move pointer to default button of dialog box

Enable this feature, the mouse cursor will automatically move to the default button of the dialog box which you just invoke.

Visibility Page

Step Saver | Visibility | Productivity | Wheel |

This page contains 2 properties for you to configure, which will change the feature of mouse visibility.

2. Click saver

Click Saver

☒ Enabled



Single-click where you normally double-click

Enable this feature, you only single click the mouse left button where you normally Double-click.

3. Focus



Enable this feature, you

select a window just by pointing at the title bar of that window.

4. Smart speed



Enable this feature, it will slow down the speed of the mouse movement when mouse Pointer on the button or other controls.

1. Vanish



Enable this feature, the Typing shape pointer will automatically vanish on typing.

2. Pointer Warp



Enable this feature, the pointer will move onto the opposite of the screen automatically.

Productivity page

| Step Screen | Usability | Productivity | Wheel |

This page contains 2 properties for you to configure, which are ClickLock and Orientation.

1. ClickLock



Enable this feature, you only single click the left button and move the pointer in stead of hold down the button. Click again to release ClickLock

2. Orientation



Click the Settings button, you can adjust the way of pointer movement.

Wheel page

| Step Screen | Usability | Productivity | Wheel |

This page contains 2 properties for you to configure the Wheel and Wheel button.

Wheel

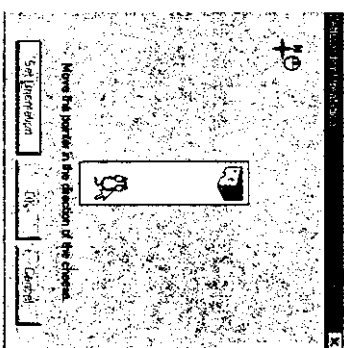


Turn on the Wheel, you can scroll vertically or horizontally (if vertical scroll not exist). You can also adjust the scroll speed or reverse the scroll direction by pressing the 'settings' button.

1. Direction - Enable this feature to reverse the direction of scroll.



2. Scrolling - Select scroll several lines or one screen at a time.



Wheel button

Wheel Button

☒ Turn on the wheel button

Button Assignment: [Default]

Settings...

Turn on the Wheel button, you can assign one of eight optional features for this button.

1. Default

Button Assignment: [Default]

The default feature for Wheel button is Auto scroll. By single click this button, an Auto-scroll indicator will appear. Click the Wheel button again to release the Auto-scroll feature.

Settings for Wheel Button

Auto Scroll

☒ Enabled

Adjust how long you need to hold down the wheel button before AutoScroll is enabled

Short Long

Scroll Speed

☒ Speed by the distance your pointer moving

Adjust how fast your pointer moves while the wheel button is pressed.

Slow Fast

Cursor Color

OK Cancel

You can also adjust the scrolling speed or change the cursor color by Pressing the 'settings' button.

2. Double-Click

Button Assignment: [Double-Click]

This feature will replace single click the wheel button as double click the primary button.

3. Help[F1]

Button Assignment:

Help [F1]

Set Wheel button as F1 key.

4. Windows Explorer

Button Assignment:

Windows Explorer

Click Wheel button to launch Windows Explorer AP.

5. Start Menu

Button Assignment:

Start Menu

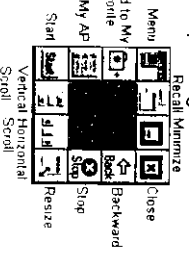
Set Wheel button as Windows95 Start Key.

6. EasyJump

Button Assignment:

EasyJump

Click Wheel button, an Tool Pad contains twelve commonly used tasks under Windows 95 or Internet browser. Select one of enabled button to activate the corresponding function.



Menu

Activate the Menu.

Recall

Recall the previous active window.

Minimize

Minimize the active window.

Close

Close the active window.

Add to My Favorite

Activate Add to My Favorite window.

Backward

Return to previous page.

My Application Menu

Popup an user defined Application menu.

Stop

Stop down load.

Start

Activate Windows start button.

Vertical Scroll

Move pointer to vertical scroll bar.

Horizontal Scroll

Move pointer to Horizontal scroll bar.

Resize

Move pointer to size grip.

Installation of the Amouse Driver for DOS, Windows 3.1.

*Under the DOS environment

- a. Insert the diskette in the floppy drive (A: or B:)
- b. Change the directory "Dir" to the floppy drive at the prompt.
A: or B:
- c. Run INSTALL.EXE.
- d. Remove the diskette.
- e. Restart the system.

*Under the Windows 3.1 environment

- a. Insert the diskette in the floppy drive (A: or B:)
- b. Change the directory "Dir" to the floppy drive at the prompt.
A: or B:
- c. Run WSETUP.EXE.
- d. Remove the diskette.
- e. Restart the system.

How to use the Amouse Driver for DOS

1. Loading the Amouse Driver for DOS

- The Amouse Driver for DOS will install in the directory "C:\AMOUSE" in your Hard Disk Drive after INSTALL.EXE on the Driver Disk has been run.
- The Driver files can be copied or moved to any directory desired.
- To load the driver into memory, change the directory to the path of the Amouse Driver. Enter the command "AMOUSE" at the DOS prompt. The Amouse Driver will be loaded into memory.

2. Parameters of the Amouse Driver for DOS

Amouse Driver command format is shown below:

Usage: AMOUSE [option]

- 1.2.3.4 : Search serial mouse on specified Com Port.
P : Search PS/2 mouse on PS/2 port.
Q : Release AMOUSE.COM from memory.
? : Show this help message.

V. Operation Guide for the Amouse Driver for Windows 3.1

1. About the Amouse Driver for Windows 3.1

- The Amouse Driver can be found in the Windows 3.1 directory tree in C:\Amouse after "INSTALL.EXE" on the Driver Disk has been executed, or after "WSETUP" within the windows environment has been executed.
- The Driver files can not be moved to another directory.
- Windows 3.1 will load the Mouse Driver automatically with system boot.

VI. Operation Guide for the Amouse Control Panel for Windows 3.1

- The Mouse Driver parameters can be setup by double-clicking the Amouse Icon in the Control Panel of the Main Group, which starts the Amouse Panel program.
- The parameters can be adjusted by clicking the appropriate icons in the Amouse Control Panel.
- Enable Pointing: If this choice is enabled and "OK" selected to leave the Amouse Panel, the Amouse Icon will stay on the screen and the Amouse Icon will indicate the direction from the Mouse Cursor to the Amouse Icons.
- Always on screen: When this choice is enabled and "OK" selected to leave the Amouse Panel, the Amouse Icon will be always on top of the screen.
- Save position: This choice forces the system record the position of the Amouse Icon.
- Left/Right swap: Selection of this choice allows the Left Button Function and Right Button Function to be switched.
- Button assignment: This Selection allows the assignment of the functions of the secondary Button and Middle Button to specialized commands.
- Color: Click on one of the three Icons to choose the Cursor color of choice.
- Size: Click on one of the three Icons to choose the Cursor size of choice.
- Hand: Click on one of the two Icons to choose the display direction of the Cursor.
- Sensitivity: This scroll Bar allows the user to adjust the Cursor Sensitivity by varying the dynamic resolution of the mouse. Sliding the bar to the right increases the dynamic resolution and speed of the mouse to the left will decrease the dynamic resolution and speed of the mouse.
- Pointer growth: The two Scroll Bars allow adjustment of Pointer growth when the Mouse is moved. Clicking on the Pointer growth check box enables this function.
- Acceleration: Acceleration of the mouse is a function of the dynamic resolution. Choice of one of the four selections determines the acceleration curve of the mouse. The user can determine the best acceleration rate for a specific application.
- OK: Leaves the Amouse Panel program and makes the changes the user has made effective.
- CANCEL: Leaves the Amouse Panel program and ignores all changes made.

Mouse Panel		 Mouse Panel Version 6.21 (95)			
☐ Enable Pointing ☒ Always in screen ☒ Save position ☐ Left/Right swap		Copyright (C) 1997 Amouse. All rights reserved		Acceleration ☐ Off ☐ Low ☐ Medium ☐ High	
☐ Button assignment Middle (Unassigned) (Unassigned)		Double-Click Speed 4 8 16 32 64 128 256 512 1024 2048 4096 8192 16384 32768 65536 131072 262144 524288 1048576 2097152 4194304 8388608 16777216 33554432 67108864 134217728 268435456 536870912 1073741824 2147483648 4294967296 8589934592 17179869184 34359738368 68719476736 137438953472 274877906944 549755813888 1099511627776 2199023255552 4398046511104 8796093022208 17592186044416 35184372088832 70368744177664 140737488355328 281474976710656 562949953421312 1125899906842624 2251799813685248 4503599627370496 9007199254740992 18014398509481984 36028797018963968 72057594037927936 144115188075855872 288230376151711744 576460752303423488 1152921504606846976 2305843009213693952 4611686018427387904 9223372036854775808 18446744073709551616 36893488147419103232 73786976294838206464 147573952589676412928 295147905179352825856 590295810358705651712 1180591620717411303424 2361183241434822606848 4722366482869645213696 9444732965739290427392 18889465931478580854784 37778931862957161709568 75557863725914323419136 151115727451828646838272 302231454903657293676544 604462909807314587353088 1208925819614629174706176 2417851639229258349412352 4835703278458516698824704 9671406556917033397649408 19342813113834066795298816 38685626227668133590597632 77371252455336267181195264 154742504910672534362390528 309485009821345068724781056 618970019642690137449562112 1237940039285380274899124224 2475880078570760549798248448 4951760157141521099596496896 9903520314283042199192993792 19807040628566084398385987584 39614081257132168796771975168 79228162514264337593543950336 158456325028528675187087900672 316912650057057350374175801344 633825300114114700748351602688 1267650600228229401496703205376 2535301200456458802993406410752 5070602400912917605986812821504 10141204801825835211973625643008 20282409603651670423947251286016 40564819207303340847894502572032 81129638414606681695789005144064 162259276829213363391578010288128 324518553658426726783156020576256 649037107316853453566312041152512 1298074214633706907132624082305024 2596148429267413814265248164610048 5192296858534827628530496329220096 10384593717069655257060992658440192 20769187434139310514121985316880384 41538374868278621028243970633760768 83076749736557242056487941267521536 166153499473114484112975882535043072 332306998946228968225951765070086144 664613997892457936451903530140172288 1329227995784915872903807060280344576 2658455991569831745807614120560689152 5316911983139663491615228241121378304 10633823966279326983230456482242756608 21267647932558653966460912964485513216 42535295865117307932921825928971026432 85070591730234615865843651857942052864 170141183460469231731687303715884105728 340282366920938463463374607431768211456 680564733841876926926749214863536422912 1361129467683753853853498429727072845824 2722258935367507707706996859454145691648 5444517870735015415413993718908291383296 10889035741470030830827987437816582766592 21778071482940061661655974875633165533184 43556142965880123323311949751266331066368 87112285931760246646623899502532662132736 174224571863520493293247799005065324265472 348449143727040986586495598010130648530944 696898287454081973172991196020261297061888 1393796574908163946345982392040522594123776 2787593149816327892691964784081045188247552 5575186299632655785383929568162090376495104 11150372599265311570767859136324180752990208 22300745198530623141535718272648361505980416 44601490397061246283071436545296723011960832 89202980794122492566142873090593446023921664 178405961588244985132285746181186892047843328 356811923176489970264571492362373784095686656 713623846352979940529142984724747568191373312 1427247692705959881058285969449495136382746624 2854495385411919762116571938898990272765493248 5708990770823839524233143877797980545530986496 11417981541647679048466287755595961091061972992 22835963083295358096932575511191922182123945984 45671926166590716193865151022383844364247891968 91343852333181432387730302044767688728495783936 182687704666362864775460604089535377456991567872 365375409332725729550921208179070754913983135744 730750818665451459101842416358141509827966271488 1461501637330902918203684832716283019655932542976 2923003274661805836407369665432566039311865085952 5846006549323611672814739330865132078623730171904 11692013098647223345629478661730264157247460343808 23384026197294446691258957323460528314494920687616 46768052394588893382517914646921056628989841375232 93536104789177786765035829293842113257979682750464 187072209578355573530071658587684226515959365500928 374144419156711147060143317175368453031918731001856 748288838313422294120286634350736906063837462003712 1496577676626844588240573268701473812127674924007424 2993155353253689176481146537402947624255349848014848 5986310706507378352962293074805895248510699696029696 11972621413014756705924586149611790497021399392059392 23945242826029513411849172299223580994042798784118784 47890485652059026823698344598447161988085597568237568 95780971304118053647396689196894323976171195136475136 191561942608236107294793378393788647952342390272950272 383123885216472214589586756787577295904684780545900544 766247770432944429179173513575154591809369561091801088 1532495540865888858358347027150309183618739122183602176 3064991081731777716716694054300618367237478244367204352 6129982163463555433433388108601236734474956488734408704 12259964326927110866866776217202473468949912977468817408 24519928653854221733733552434404946937899825954937634816 49039857307708443467467104868809893875799651909875269632 98079714615416886934934209737619787751599303819750539264 196159429230833773869868419475239575503198607639501078528 392318858461667547739736838950479151006397215279002157056 784637716923335095479473677900958302012794430558004314112 1569275433846670190958947355801916604025588861116008628224 3138550867693340381917894711603833208051177722232017256448 6277101735386680763835789423207666416102355444464034512896 12554203470773361527671578846415332832204710888928069025792 25108406941546723055343157692830665664409421777856138051584 50216813883093446110686315385661331328818843555712276103168 100433627766186892221372630771322662657637687111424552206336 200867255532373784442745261542645325315275374222849104412672 401734511064747568885490523085290650630550748445698208825344 803469022129495137770981046170581301261101496891396417650688 1606938044258990275541962092341162602522202993782792835301376 3213876088517980551083924184682325205044405987565585670602752 6427752177035961102167848369364650410088811975131171341205504 12855504354071922204335696738729300820177623950262342682411008 25711008708143844408671393477458601640355247900524685364822016 51422017416287688817342786954917203280710495801049370729644032 102844034832575377634685573909834406561420991602098741459288064 205688069665150755269371147819668813122841983204197482918576128 411376139330301510538742295639337626245683966408394965837152256 822752278660603021077484591278675252491367932816789931674304512 1645504557321206042154969182557350504982735865633579863348609024 3291009114642412084309938365114701009965471731267159726697218048 6582018229284824168619876730229402019930943462534319453394436096 13164036458569648337239753460458804039861886925068638906788872192 26328072917139296674479506920917608079723773850137277813577744384 52656145834278593348959013841835216159447547700274555627155488768 105312291668557186697918027683670432318895095400549111254310977536 210624583337114373395836055367340864637790190801098222508621955072 421249166674228746791672110734681729275580381602196445017243910144 842498333348457493583344221469363458551160763204392890034487820288 1684996666696914987166688442938726917102321526408785780068975640576 3369993333393829974333376885877453834204643052817571560137951281152 6739986666787659948666753771754907668409286105635143120275902562304 13479973333575319897333507543509815336818572211270286240551805124608 26959946667150639794667015087019630673637144422540572481103610249216 53919893334301279589334030174039261347274288845081144962207220498432 107839786668602559178668060348078522694548577690162289924414440996864 215679573337205118357336120696157045389097155380324579848828881993728 431359146674410236714672241392314090778194310760649159697657763987456 862718293348820473429344482784628181556388621521298319395315527974912 1725436586697640946858688965569256363112777243042596638790631055949824 3450873173395281893717377931138512726225554486085193277581262111899648 6901746346790563787434755862277025452451108972170386555162524223799296 13803492693581127574869511724554050904902217944340773110325048447598592 27606985387162255149739023449108101809804435888681546220650096895197184 55213970774324510299478046898216203619608871777363092441300193790394368 110427941548649020598956093796432407239217743554726184882600387580788736 220855883097298041197912187592864814478435487109452369765200775161577472 441711766194596082395824375185729628956870974218904739530401550323154944 883423532389192164791648750371459257913741948437809479060803100646309888 1766847064778384329583297500742918515827483896875618958121606201292619776 3533694129556768659166595001485837031654967793751237916243212402585239552 7067388259113537318333190002971674063309935587502475832486424805170479104 14134776518227074636666380005943348126619871175004951664972849610340958208 28269553036454149273332760011886696253239742350009903329945699220681916416 56539106072908298546665520023773392506479484700019806659891398441363832832 113078212145816597093331040047546785012958969400039613319782796882727665664 226156424291633194186662080095093570025917938800079226639565593765455331328 452312848583266388373324160190187140051835877600158453279131187530910662656 904625697166532776746648320380374280103671755200316906558262375061821325312 1809251394333065553493296640760748560207343510400633813116524750123642650624 3618502788666131106986593281521497120414687020801267626233049500247285301248 7237005577332262213973186563042994240829374041602535252466099000494570602496			

The patent of the mouse is as follow
Pending no of USA: 09/027316

08/736684

Nissei Sangyo Co., Ltd.
-Subsidiary of Hitachi, Ltd.
Shin Kang Chung Shan Bldg 10Fl.,
44, Sec 2, Chung Shan N. Rd.,
Taipei, 104 Taiwan, R.O.C.
TEL:886-2-25226962
FAX:886-2-25365475

Service Center:
XNTC Technology Corp.
21700 F. Copley Driver, Suite 155,
Diamond Bar, CA, U.S.A. 91765
TEL:909-598-2992
Email:XNTC@msn.com