



# **BatteryFREE**

2X Quick Wireless Optical Mouse

User's Manual

**Model: NB-30D**

**[www.a4tech.com](http://www.a4tech.com)**

**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 UNDESIRABLE OPERATION.**

**Federal Communications Commission Requirements**

The equipment has been tested and found to comply with the limits for 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 instruction, may cause harmful interference to radio communication. 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.

**THE CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.**

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.

## INTRODUCTION

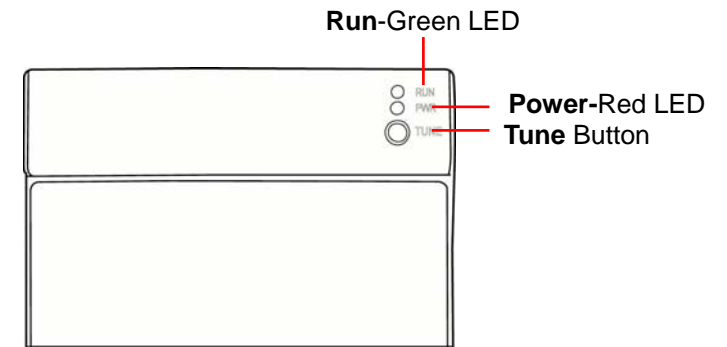
Congratulations on your purchase.

Your new BatteryFREE 2X Click Wireless Optical Mouse will offer you wireless freedom, yet no battery is required. Whilst saving you the cost of batteries, it assures wrist comfort, light, easy operation and no-RF interference. As the Same time, Just one click on “2X Button” straightly open files and programs easily. Save times and improve efficiency.



### **SETTING UP YOUR MOUSE PAD AND MOUSE IS JUST A SECOND AWAY:**

1. Plug the Mouse Pad's USB plug to your computer's USB port.
2. PWR LED on the Mouse Pad will be flashing in "RED"
3. Put the MOUSE onto the center of the MOUSE PAD.
4. PWR LED on the Mouse Pad will stop flashing become steady "RED"



5. Press the button "TUNE" to obtain the frequency for best performance. Do not move the mouse while the RUN LED is flashing in "GREEN"
6. You may move the mouse around once the RUN LED stopped flashing in "GREEN"
7. If the cursor doesn't move smoothly, please repeat steps 5 to 7.
8. RUN LED should light up with steady "GREEN" while mouse is circulating on the mouse pad.

**NOTE:**

1. Do not use this product on any metal table or surface. The metal surface may interfere with the cross induction and have an adverse effect on the mouse operation.
2. Keep working temperature under 0 to 50 degree Celsius (0°– 50°C).
3. Frequency: 121 KHz-128 KHz
4. Keep your credit cards and ATM cards away from RFID Mouse Pad to prevent the card's magnetic stripe from losing its efficiency.
5. Our RFID Mouse Pad will not erase any data in the memory stick. So don't worry if your memory stick is close to the inductive RFID mouse pad.
6. Do not place the mouse pad too close to CRT monitor, keep a distance of 20 cm

**TECH SUPPORT**

For tech support, please visit our website at <http://support.a4tech.com/> or email us at [support@a4tech.com](mailto:support@a4tech.com)

**WARRANTY**

All A4 Tech products come with 2 years limited warranty.

## Product specification brief

### Mouse

Model name:	NB-30D
Microprocessor:	SN8P2602AP
Operating voltage:	<u>3.3</u> + 5% V
Supply Power method:	Electromagnetic Coupling
Current consumption: (operating)	MAX:25mA
Communication mode :	Simplex
Duty Cycle:	240uS
Dimension(outside):	<u>113</u> x <u>63</u> x <u>36</u> mm
weight:	<u>77</u> gm
Transmission distance :	Max:50mm(To Mouse pad distance)
Modulation Method:	ASK
Modulation degree:	Max: 15%
The Tracking Resolution:	800CPI
Micro Switch:	Chock-per:1,000,000 Cycles
Number of Button/Wheel:	4 Button ,1 Wheel
Running life:	500 Miles
ration force in any direction:	Max:100gf
Non-operating Vibration	passed (10 to 300Hz at 2.0G)
Operating Shock	5G 1/4 sine pulse, 11ms duration at any axis (PASS)
Non-operating shock	60G 1/4 sine wave, 11ms duration at any axis ( PASS)
Operating Vibration test	passed (10 to 500Hz at 0.5G)