

Portable Electronic Interactive Whiteboard NTS-WB4700



Introduction

Wb4700 electronic whiteboard is a set of advanced man-machine interactive equipment developed aiming at the demand and status quo of the electronic whiteboard market. It can be applied to various whiteboards, blackboards or smooth planes, change them into large touch screens with writing and touch functions which can be widely applied to fields of education, conference and military command. When being used together with computers, projectors or rear-projection, it can realize dust-free writing, arbitrary comment and other functions. With internet connection, its remote communication function can realize interactive remote conference, remote teaching system, remote consultation and other applications. In fields of multi-media interactive teaching, product demonstration, technical training, medical consultation, military commands and various conferences, Oway electronic whiteboard WB4700 is playing a very important role.

By connecting the electronic whiteboard to a computer and using a projector to display the contents of the computer's screen on the electronic whiteboard, the following functions can be realized:

a. mouse simulation function

most hard and smooth plane can be turned into man-machine interactive interfaces of operable computers;

b. writing function

different pens (highlight pen, laser pen, etc.) can be used to write on the software interface, the written content can be saved, printed and replayed and the function of recognizing handwriting can be realized;

c. multimedia support function

multimedia such as video, image and flash are supported.

Highlight Features

1. Compared with the existing electronic whiteboards based on electromagnetic induction, pressure sensitivity, resistive film and other principles, WB4700 electronic whiteboard is characterized by flexibility, smart, portability and etc.

a. small shape like a remote control;

b. portable and less weight;

c. easy set-up: personnel with basic computer skills can install it after simple training.

2. Compared with the existing electronic whiteboard based on ultrasonic and infrared ray positioning technique, NTS-WB4700 interactive whiteboard makes a great progress in ultrasonic and infrared ray positioning algorithm.

a. No flying spot, no deformation and no time delay;

b. More accurate positioning, higher resolution and wider working range can be achieved;

c. A smart stylus pen can replace the mouse to control the operations of any programs of the computer;

d. The smart stylus pen can act as a pen to write on the electronic whiteboard directly and the written contents can be saved or replayed;

e. Any operating interface of the computer, such as pages of office/ website/ video/ program, can be directly marked, written and painted;

f. The NTS-WB4700 electronic whiteboard has such auxiliary functions as screen shooting, screen shielding, highlighting, keyboard entry, handwriting recognition, etc;

g. The attached videotaping assistant software can videotape the board writing process and sound in standard avi format and generate video courseware rapidly;

h. The electronic pen has the hovering function and can simulate the sliding operation of a mouse.

Applicable Scope

- Writing surfaces: regular whiteboard, magnetic blackboard, rear projector, glass plane, table top, wall and other smooth surfaces.
- Display screen: 20 inch - 100 inch
- Working condition: temperature: -4°C - 40°C, humidity: 15%-85%
- Storage and transportation condition: temperature: -40°C - 85°C, humidity: 5%-95%

Note: Long-time storage under ultra-high or ultra-low temperature may affect the service life of ultrasonic electronic whiteboard equipment and batteries.

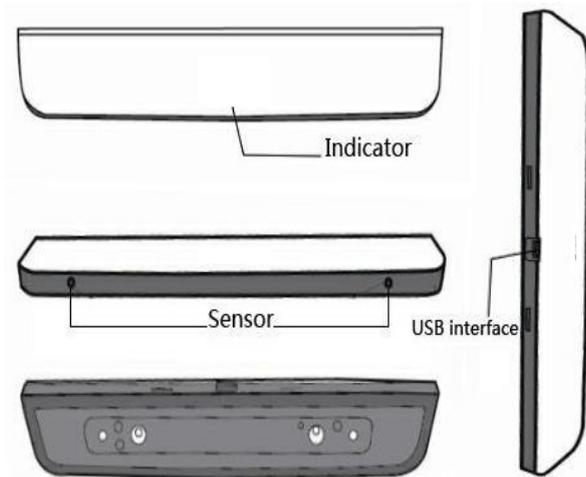
Accessories

Please check below accessories in the package, if missing, please contact the dealers. Oway WB4700 contains the following components:

Number	Part Name	Picture	Qty.	Remarks
1	Receiver		1	
2	Metal Fixed Plate		1	
3	Electronic pens		2	Standard configuration
4	Pen Tips		5	
5	USB cable (3m)		1	For computer connection
6	Disc installation		1	The content of the disc includes: a. operating instructions (in two forms) b. driver software c. application program software.

Names and Functions of Various Parts

Receiver



Color of indicator	Status of receiver	
	Connection	Working
Red	Unsuccessful	Electronic pen is not working or out of the working area
Green	Successful	Electronic pen is working normally in the working area

Since the receiver is an important part of the product, please take care in application to avoid falling or collision.

There is a magnet at the bottom of the WB4700 receiver, it can be attached on the metal panel; while using on the non metal surface, please use our metal fixed plate.

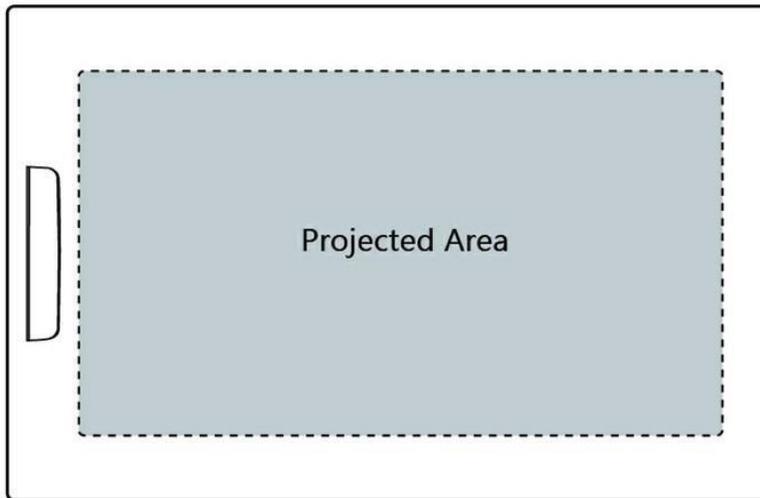
The indicate laser is a device working status indicator.

Fixing position of receiver

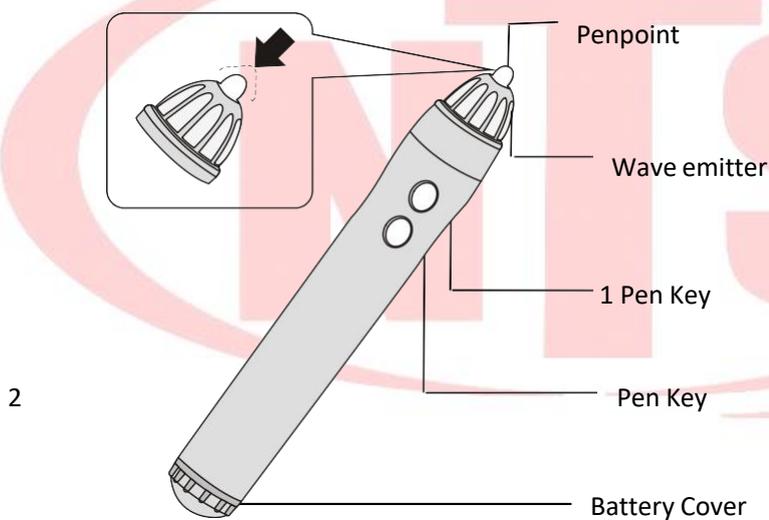
The fixing position of receiver directly affects the normal working of the electronic pen. Please refer to the below Diagram of Correct Installation Position.

Adjust the projector, make the projected area a normal rectangle. The maximum of the projected area is 1.2x2.1m, the most effective writing area is 30inch-80inch, (please refer the manual of projector and this manual of setting the projector on page 19-20.)

1. The distance of the sensor of the receiver and the projected area is 6cm.
2. The receiver is fixed vertically to the middle of the left of the projected area.



Electronic pens



2

Penpoint
The penpoint will emit ultrasonic wave and infrared signal when pressed down, which is equal to the left button of a mouse is clicked.
Ultrasonic wave emitter
Do not cover the area with fingers, or the electronic whiteboard cannot accurately detect the position of the electronic pen.
Pen key 1
Serving as left mouse button
Pen key 2
Serving as right mouse button
Battery cover

Setup and Application of Hardware Environment

NTS-WB4700 portable interactive whiteboard can be converted the hard surface into interactive whiteboard, most suitable surface of area is 30inch-100 inch.



diagram: WB4700 was installed on the common board

