BenQ
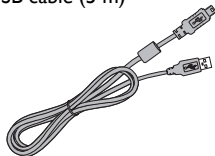
PD03
Interactive Pen
Quick Start Guide

Quick Start Guide
Guide de démarrage rapide
Kurzanleitung
Guide rapida
Guía de inicio rápido
Guia de iniciação rápida
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Průvodce rychlým používáním
คู่มือเริ่มต้นใช้งานอย่างย่อ
快速使用指南
快速使用指南
クイックスタートガイド
빠른 시작 안내서
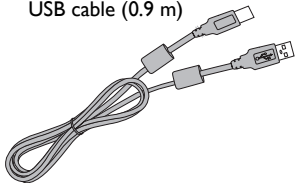دليل البدء السريع

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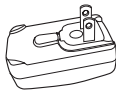1RM01.001
P/N: 4J.J8E03.001
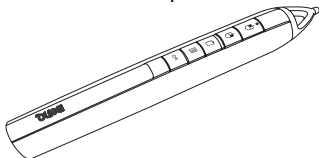
PointDraw 3.0 pen	USB cable (5 m)
USB cable (0.9 m)	Adaptor
RF dongle	Charging cradle

Pouch
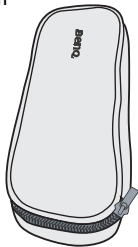
Wrist strip
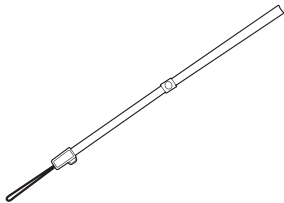
Quick start guide

License key card

Table of contents

PointDraw 3.0 pen features

Left mouse button/Used as an up key when the PointDraw OSD is activated

Right mouse button/Used as a down key when the PointDraw OSD is activated

Activates the selected OSD menu item

Changeable pen tip

Connection indicator
Solid Blue: Paired with BenQ projector
Blinking: Attempt to pair with the projector

Battery status indicator
Solid Red: Battery charging
Blinking: Low battery

Activates the PointDraw On-Screen Display (OSD) menu

Wrist strap hole

Sensor

USB connector

Power On/Off switch

Battery charging

The charging time varies by using different equipment. See the table below for details.
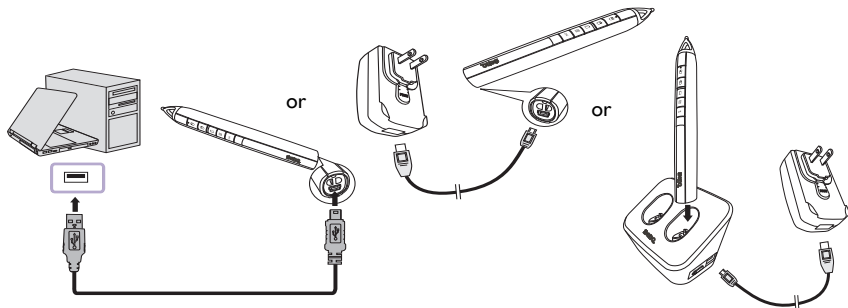
Equipment	Charging time (hour)	Duration of pen use (hour)
Computer	2~2.5	
Power adaptor	1.5~2	20
Cradle (single pen)	1.5~2	
Cradle (dual pen)	2.5~3	

⚠ **Do not disassemble the PointDraw pen yourself. Refer all servicing to qualified service personnel.**

⚠ **The lithium battery is only rechargeable, and not user replaceable. Not user serviceable.**

Operation

⑥
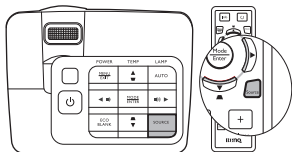
Select an appropriate input signal from among Computer1/Computer2/HDMI.
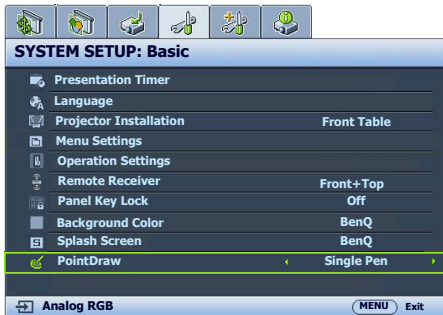
To use one or two pens, go to the "System Setup: Basic > PointDraw" projector OSD menu and select "Dual Pen" or "Single Pen".

SYSTEM SETUP: Basic

Presentation Timer		
Language		
Projector Installation	Front Table	
Menu Settings		
Operation Settings		
Remote Receiver	Front+Top	
Panel Key Lock	Off	
Background Color	BenQ	
Splash Screen	BenQ	
PointDraw	‹ Single Pen ›	

Analog RGB   MENU Exit

☞**Single Pen**

For optimized interactive speed, it is recommended to select a single pen in PointDraw settings.

6 (Continued)

SYSTEM SETUP: Basic

Presentation Timer	
Language	
Projector Installation	Front Table
Menu Settings	
Operation Settings	
Remote Receiver	Front+Top
Panel Key Lock	Off
Background Color	BenQ
Splash Screen	BenQ
PointDraw	‹ Single Pen ›

Analog RGB　　　　　　　　　(MENU) Exit

Point Draw

Launch QDraw	Off
PointDraw Settings	Single Pen
Projector Power	

(MENU) Back
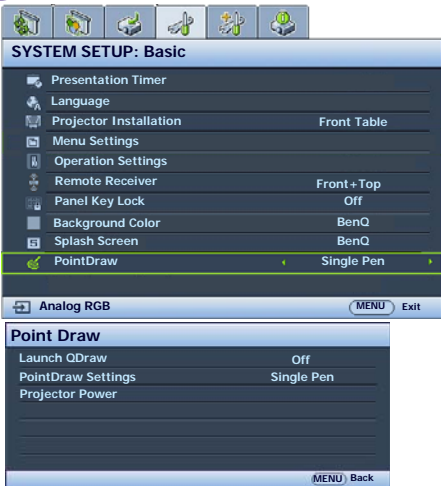
☞**Dual Pen**

Please go to "System Setup: Basic" on the projector OSD menu and change the PointDraw to "Dual Pen" for dual pen function activation. Select ▦ on QDraw 3 software and enter dual pen mode.

☞**When switching between PointDraw modes, it will take about 30 seconds to re-flash modes, the delay time depends on computer response time.**

When "Dual Pen" or "Single Pen" is selected in the "System Setup: Basic > PointDraw" projector OSD menu, PointDraw OSD menu can be activated by pressing ▤ on the PointDraw pen.

☞**Launch QDraw Selecting "On" launches QDraw 3 software.**

☞**PointDraw Settings Switches between "Single Pen" mode or "Dual Pen" mode. Settings in QDraw 3 software will be changed simultaneously.**

☞**Projector Power Turns off the projector.**

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How to hold the PointDraw 3.0 pen
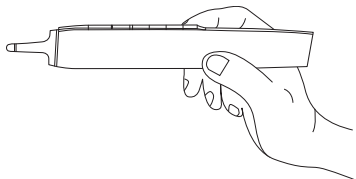
or
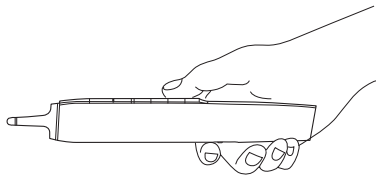
☞**If the PointDraw pen is far away from the screen, be sure to press the left mouse button to click and drag.**

Avoid shadows!

The PointDraw pen won't work if its tip is in a shadow or if it is pointing at a shadow:

Correct (no shadow)	Incorrect (shadow)

☞**The pen can be used either touching on the screen or away from the screen.**

Troubleshooting

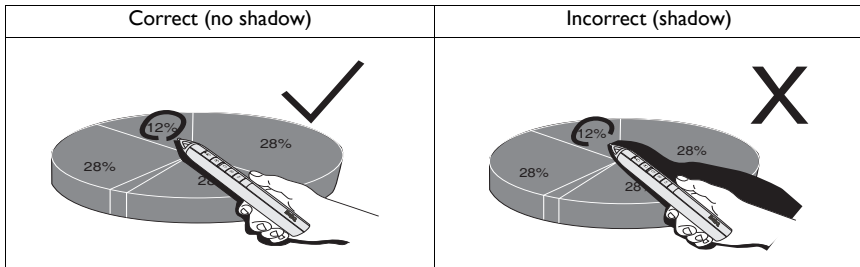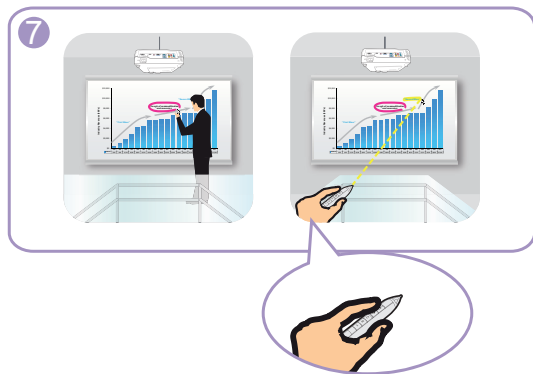|	
When the pen does not work or works intermittently	Check the battery status - if the battery is blinking red, please connect the pen to the charging cradle, or to the power adaptor via a USB cable to charge.
	Avoid direct strong CCFL light onto the projected image in a short distance. Adjust the angle of incident light smaller to reduce the frequency interference.
	If the room is brightly lit, reduce the room ambient light.
	Do not use the computer mouse at the same time while using PointDraw pen. Point the pen away from the projected screen when the computer mouse is being used.
When the pen is working not as responsive	Please ensure that the pen is not pointing at a shadow and make sure the pen tip is not under a shadow.
	It is recommended to use PointDraw Single pen mode when only one pen is being used at the same time for optimized interactive writing speed. Change the setting from the projector OSD menu **System Setup: Basic > PointDraw** or via the PointDraw pen menu key.

When the mouse cursor is in the wrong place of the projected image or is restricted to part of the image	Please make sure the projector is displaying computer source input. To change the source, press the **SOURCE** button on the projector or remote control.
Others	**SmartEco lamp mode** and **3D mode** are not active while PointDraw setting is On. This will ensure the best PointDraw interactive performance possible.

Specifications

1. Pen (PD03)

Operation frequency	2.4 GHz ISM Band
Rechargeable battery Model name Normal voltage Normal capacity	1 pcs UR14500P 3.7V 800 mAh
Storage temperature	-10°C -60°C
Operation temperature	0°C -40°C
Operation humidity	20%-85% (ambient temperature < 40°C)
Power consumption	DC 3.7V, 35 mA (operation)
Dimensions	Length*Diameter=186*26 (mm)
Weight	72g

2. Power adaptor

AC input	100~240V AC, 50~60 Hz, 0.3 A max.
DC input	5V DC, 2 A

3. Charging cradle

Power on/off	5V USB power on/off switch

4. RF dongle

Parameter	Performance	Remarks
Working voltage	5V	Over low voltage will possibly cause communication error.
Working temperature	-20°C-80°C	
Working humidity	10%-90%	Without condensation
Dimension LxWxH	42.5x31.5x6	Unit: mm; dimension tolerance meets GB/T1804-m

LED Indicator

1.1 Interactive pen LED

Function	LED Amber (Red)	LED Blue
Searching for projector signal (pairing)*	Off	0.5 sec on/0.5 sec off
In use (connected)	Off	Solid on

Low battery (20% power)	Flash 3 times (0.5 sec LED on, 0.5 sec LED off for 3 times) between 5-second interval (LED off).	Solid on
Low battery (10% power)	Flash 3 times (0.5 sec LED on, 0.5 sec LED off for 3 times) between 5-second interval (LED off)	Off
Charging (power off and standby)	Solid on	Off
Fully charged	Off	Based on pen operating status at that time
Standby**	Off	Off
Wake up and searching	Off	0.5 sec on/0.5 sec off

Note:

*By pressing any key or nib to start pairing between the pen and projector. The pairing must be done within 5 sec; the pen will go into standby mode when it's unable to be paired in 10 sec.

** When pairing is interrupted during usage (for example, when the pen is not pointed toward the projected image), the pen will go to standby mode in 120 sec.

1.2 Cradle LED

Function	LED Blue
Power on	Solid on
Power off	Off

1.3 RF dongle LED

LED Behavior	Status
Blinks blue every 1.5 seconds	Wireless channel search OR Dongle is synchronizing with interactive device(s)
Blinks blue every 3 seconds	Wireless channel selected to use for synchronization with interactive device(s)
Blinks blue every 6 seconds	Dongle successfully synchronized with interactive device(s)
Blinks blue every 10 seconds	Wireless channel selected to use for synchronization with interactive device(s) is noisy