

汉神掌上学电子词典

Creative PX2221 E-dictionary

The Creative PX2221 e-dictionary is a rich content and user-friendly Chinese dictionary designed to help students better understand Chinese characters. It's specifically designed for students' composition writing examinations, approved by the SEAB and can be brought into the examination halls. This user guide will help you get started with the basic functions of the dictionary.

USER GUIDE

■ SAFETY PRECAUTION

Please read the information below to prevent risks of electrocution, short circuit, damage, fire hazards, hearing damage and other safety hazards. Misuse of the dictionary may invalidate your warranty. For more details, please refer to the product warranty for the PX2221 e-dictionary.



Do not disassemble or attempt to repair the product. Any related services should be handed to authorised service centres.



Do not place the product in environments with temperatures exceeding 0°C to 45°C (32°F to 113°F).



Do not stab, pressurise, or burn the product.



Do not place the device near objects that has strong magnetic forces.



Prevent the device from receiving any sort of strong impact.



Do not place the device in water or in environments with high humidity.

■ CUSTOMER SUPPORT AND WARRANTY INFORMATION

Please visit www.hansvision.com for more detailed information. Regarding customer support and repair, please refer to the information provided in this user guide. The e-dictionary's limited warranty is for **ONE year**, please visit <https://www.hansvision.com/reg/> for registration.

■ COPYRIGHT INFORMATION

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■ GETTING STARTED

When opening the package, please ensure that all the components are included:

One e-dictionary model - PX2221
One set of ear-piece
One Type C USB charging cable
One touch screen stylus
One screen protector
One protective case

Please ensure a full charge (100%) during your first charge. The charging time from 0% to 100% takes about two hours. After each full charge, the device can be used continuously for 6 hours. The battery life may gradually shorten over time and with frequent use.

Tips: The charging process will be faster if the device is turned off.
Charge the battery above 80% once every 3 months to avoid prolonged storage periods.



■ TURNING ON THE DEVICE

Startup: After charging, press and hold the power button for about 2 seconds to turn on the device. The system will configure itself and display the main page for immediate use.

Shutdown: To shut down the device completely, press and hold the power button for about 3 seconds to access the shutdown options.

Sleep/ Wake Up: After turning on the device, press the power button once to enter sleep mode, press again to wake up instantly.

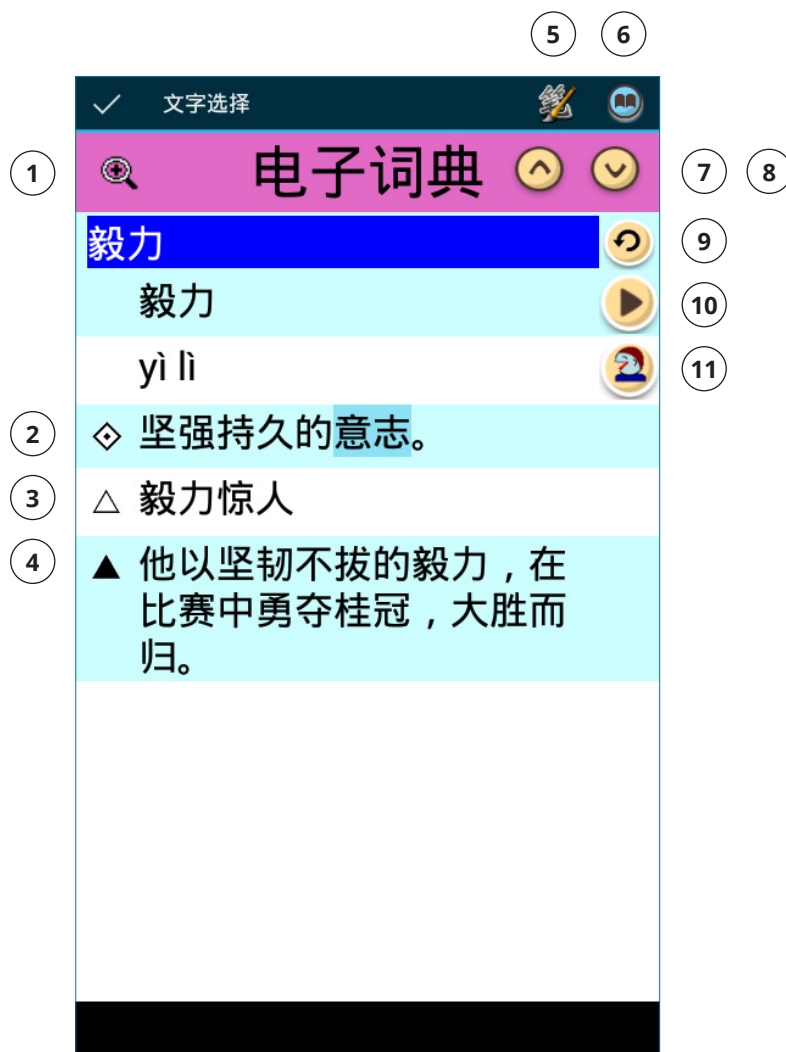
Tip: Put the device on sleep (standby) mode during examinations to save time.

■ INTERFACE INTRODUCTION

After the device is turn on, you will be shown the main page. The page consists of four parts:

1. 电子词典 **E-dictionary:** Chinese-Chinese dictionary, suitable for primary, secondary and JC levels.
2. 字词常识 **Vocabulary Knowledge / Composition Writing Assistance:** Essential Chinese Language vocabulary and knowledge that is applicable in essay writing.
3. 实用附录 **Useful Learning Resources:** Frequently used Chinese learning and writing resources.
4. 系统设置 **System Settings:** E-dictionary related settings.

■ SYMBOLS INTRODUCTION



① Zoom tool



② Explanation of words/phrases



③ Relevant examples



④ Relevant/sample sentences



⑤ Character stroke order



⑥ Cross Searching Function



⑦ Previous Related Word/Phrase



⑧ Next Related Word/Phrase



⑨ Return to previous search



⑩ Full text audio using TTS (Text-To-Speech)



⑪ Real voice audio reading (for basic words only)

INPUT METHODS

There are 4 ways to input characters in the PX2221:

1. **Pinyin** Input
2. **Bushou** Input
3. **Stroke Search** Input
4. **Handwriting** Input

1. PINYIN INPUT

Switch the input method to “拼音输入” (Pinyin Input).

- Type the Chinese characters in Pinyin and it will show in the “Choices Display”.
- Tap on the desired character/phrase and it will appear in the Text Input area. The system will also display related characters/phrases for your reference.
- Tap on “确认” (Confirmation) button or choose one of the suggested words/phrases listed and its explanation will appear instantly.

To ease the word search, you can use these various combination of Pinyin input methods:

- 1.1 **Single Character Input:** Full Pinyin Input
e.g: cheng = 成、程、城.....
- 1.2 **Pinyin + Tones Input:** e.g: cheng3 = 呈、惩.....
(only 3rd tone words will be shown)
- 1.3 **Phrases Input:** Two character phrases and above
 - Full Pinyin Input, e.g: yixinyiyi = 一心一意
 - Consonant Input, e.g: rsh = 人山人海、如诗如画.....
 - Consonant + Full Pinyin Input,
e.g: cgong = 成功、船公、长工.....
 - Full Pinyin + Consonant Input,
e.g: chengg = 成功、成果、城管.....

Note: The pronunciation for basic words is real voice recorded while the explanations/examples are read using TTS (Text-to-Speech).

2. BUSHOU INPUT

Switch the input method to “部首查字” (Bushou Input).

For example, to input the character “打”:

- Enter the number of strokes,
e.g: 提手旁 has 3 strokes, key in 3.
- Select the Bushou, “扌”.
- Key in the remaining stroke count and tap “部首查字” (Bushou Search) button,
e.g: the remaining stroke count is 2, key in 2.
- Select the character “打” in the Choices Display and it will appear in the Text Input area. The system will also display related characters/phrases for your reference.
- Tap on “确认” (Confirmation) button or choose one of the suggested words/phrases listed and its explanation will appear instantly.



■ 3. STROKE SEARCH INPUT

Switch the input method to “笔画查字” (Stroke Search Input).

You can input characters based on:

- “部首” Bushou Stroke Count,
- “部余” Remaining Stroke Count, or
- “总笔画” Total Stroke Count.

For example, to input the character “输”:

- 3.1 Tap the “部首” (Bushou) button.
- 3.2 Enter the Bushou stroke count, e.g. “车” has 4 strokes.
- 3.3 Select the character “车” in the Choices Display area.
- 3.4 Tap the “部余” (Remaining Stroke) button and enter the remaining stroke count, which is 9.
- 3.5 Select the character “输” in the Choices Display area, and it will appear in the Text Input area. The system will also display related characters/phrases for your reference.
- 3.6 Tap on the desired word/phrase listed and its explanation will appear instantly.

Tips:

1. Total Stroke Count Search:

You can also directly select the total stroke count by entering the number.

For example, to input the character “头”:

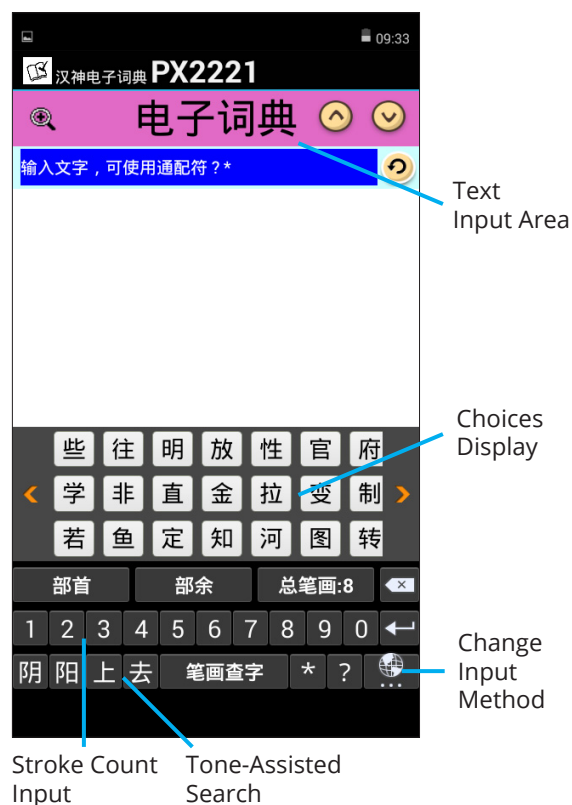
- Tap the “总笔画” (Total Stroke Count) button.
- “头” has 5 strokes. Enter “5”, and the Choices Display area will show the desired character.

2. Tone-Assisted Search:

“声调辅助” (Tone-Assisted Search) panel is located at the bottom left of the keyboard, comprises of four buttons:

“阴” (Yin), “阳” (Yang), “上” (Rising), and “去” (Departing).

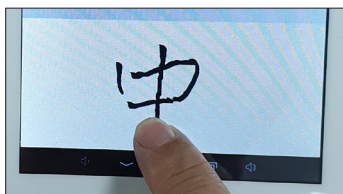
By tapping these buttons, you can narrow down the range of characters displayed in the Choices Display area.



■ 3. HANDWRITING INPUT

Switch the Input method to “手写输入” (Handwriting Input).

- Directly write in the “手写区” (Handwriting area).
- Select your written character from the Choices Display.
- Tap on “确认” (Confirmation) button or choose one of the suggested words/phrases listed on the Text Input area and its explanation will appear instantly..



You can input by writing on the designated area using either your finger or the provided stylus.



Tips:

- Adjust the handwriting recognition speed in the system settings. It's recommended to set it to the middle for the most optimal performance.
- Avoid touching the writing area with your hands when writing.
- Write within the designated writing area to avoid going off-grid.
- After writing, the system will recognize the strokes within 0.5 seconds when the stylus leaves the writing area, and display the recognized word and other options in the Choices Display.
- Avoid using script or cursive handwriting style and write using proper strokes for each character input.
- Avoid writing the character too far apart, and don't pause in between.

■ ADDITIONAL INPUT TIPS

Regardless of the input method you use, PX2221 provides additional effective input techniques to make character search more convenient.

1. Wildcard Input

Wildcard symbols “*” and “?” used in the system can assist students determine the words they are unable to confirm.

“*” represents possibility of a few words


“?” represents possibility of one word

e.g: 不? 不? =不卑不亢, 不三不四.....

*日? =风和日丽.....

2. Cross Searching Function

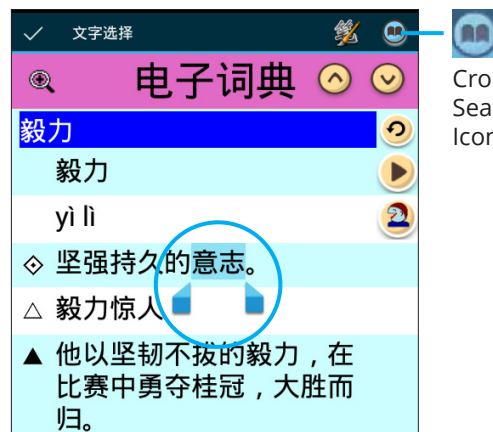
To obtain the meaning of certain words displayed in the explanation, you can press and hold the words and it will be highlighted by the system.

Tap on this  icon at the top-right hand corner and the system will provide the corresponding meaning directly.

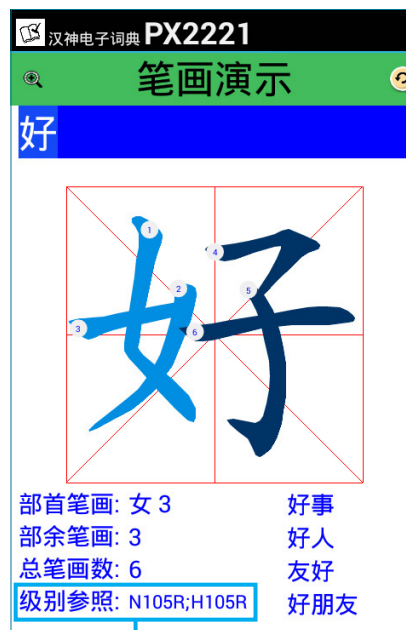
3. Level Reference to “欢乐伙伴” textbook

When searching for characters, you may come across certain characters such as N110R;H110W, which indicate they have been taught in the “欢乐伙伴” textbook:

- “N” represents regular Chinese characters.
- “H” represents advanced Chinese characters.
- The 1st number represents the grade level.
- The 2nd & 3rd numbers represent the lesson number.
- “R” denotes a required reading character.
- “W” denotes a required writing character.



Cross Searching Icon



Level Reference

■ COMPOSITION WRITING ASSISTANCE

PX2221 assists students in enriching their vocabulary knowledge by providing various resources related to words and characters. These resources help students improve their composition writing skills and include:

- 基本笔画 Basic stroke order
- 笔画演示 Stroke demonstrations
- 常用部首 Commonly used Bushou
- 常用量词 Commonly used quantifiers
- 标点符号 Punctuation marks
- 汉字结构 Chinese character structure
- 汉字组合 Chinese character combinations

Tip: Students are encouraged to visit the “字词常识” (Vocabulary Knowledge) section in their free time to enhance their understanding and usage of words and grammar.



■ USEFUL LEARNING RESOURCES

In the “实用附录” (Useful Resources) section of PX2221, you will find various learning and writing resources, such as Tang and Song poetry, accompanied by the system’s reading function. The resources include:

- 唐诗欣赏 Appreciation of Tang Poems
- 宋词欣赏 Appreciation of Song Lyrics
- 百家姓 Hundred Family Surnames
- 三字经 Three-Character Classic
- 弟子规 Standards for Being a Good Student/Child
- 亲属称谓 Kinship Terms for Family’s Members & Relatives
- 拼音知识 Pinyin Knowledge



■ SYSTEM SETTINGS

音量 Volume Adjustment:

Adjust the volume settings. Since it is an examination model, there are no built-in speaker. Students can only listen to the device’s audio through an ear-piece.

When using the device at home, you can connect to an external speaker via the headphone jack to listen to the audio.

亮度 Brightness Adjustment:

Adjust the display brightness. Note that higher brightness settings will consume more battery power.

剩余电量 Remaining Battery Level:

Display the remaining battery percentage of the device.

手写识别速度 Handwriting Recognition Speed:

Refers to the time it takes for the system to recognize the written text after the stylus/finger leaves the writing area. The default setting is 0.5 seconds.

待机时长 Standby Duration:

Set the duration of the standby mode.

设置日前时间 Date and Time Settings:

Adjust the displayed date and time on the system.



■ CARE FOR THE E-DICTIONARY

- Keep the e-dictionary in the protective case.
- Turn off the power immediately after it is fully charged to avoid overcharging
- Avoid placing the device in environments with high temperatures.
- Avoid contact with water.
- Avoid dropping the device from high places.

■ PREPARING FOR THE EXAMINATION

- Fully charge the e-dictionary the day before the examination.
- Turn on the e-dictionary once you enter the examination hall.
- After turning it on, press on the power button once to enter sleep mode.
- To use, press on the power button once to wake up the device instantly.
- You can set the standby duration to 20 or 40 minutes.

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■ TECHNICAL SUPPORT AND SERVICE CENTRE:

For any repair or warranty claims, please visit our Service Centres:

A Genuine Technology

Address : 1 Rochor Canal Road, #05-66 Sim Lim Square, Singapore 188504
Opening Hours : Mon-Sat, 12:30pm – 7pm
Telephone : 6336 1319

Creative Knowledge Labs Pte Ltd

Address : 2 Jurong East Street 21, #03-186 IMM Building, Singapore 609601
Opening Hours : Mon – Fri, 9am – 5:30pm
Customer/ : 6256 1327 helpdesk@hansvision.com
Technical Support

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汉神掌上学电子词典

Creative PX2221 E-dictionary

电子词典 Creative PX2221 是一款内容丰富，使用方便的汉语词典，旨在帮助学生们更好地理解汉字。此说明书帮助您熟悉词典的基本功能。

使用手册

■ 安全讯息

请参考以下讯息，以安全的使用产品，减少触电、短路、损坏、起火、听力损坏等危险发生的可能。

提示: 使用不当会使您的产品无法获得保修服务.详情请参阅产品附带的保修说明。



不要拆卸或尝试修理产品。所有相关服务应交与授权的维修代理。



不要将产品放置在温度超出0°C至45°C (32°F至113°F) 范围之外的环境中。



不要刺戳，挤压或燃烧产品。



将产品远离具有强磁场的物体。



不要使产品遭受强大外力冲击。



不要使产品浸水或将产品放在潮湿的环境中。

■ 客户支持与保修讯息

获取详细产品讯息，请访问 www.hansvision.com

关于客户支持服务和维修讯息，请参考HansVision PX 2221电子词典的说明。

电子词典的保证期为一年，请上网 <https://www.hansvision.com/reg/> 注册。

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■ 开始使用

打开包装时先检查配件，确保配件完备：

电子词典 PX2221 一台
耳机一副
Type C USB 电源线一条
电子词典电容笔一支
屏幕保护贴一片
电子词典保护套一个

第一次充电时请将电充满，充电时间从 0%-100%需约两个多小时。每回充满电后可连续使用6小时。电池寿命会随着使用的时间与频率而逐渐缩短。

提示： 词典在关机状态下充电会比较快。

每三个月将电池充至80%以上，以避免长时间存储。



■ 启动

启动： 充电后，按住“开关按钮”约两秒，系统就会启动，过后系统会自动进行内部程序测试，最后呈现主画页，主画页出现后，就可开始使用。

关机： 长按“开关按钮”（约3秒）系统就会出现关机的选项，进行完全关机。

休眠： 启动电子词典后，可选择快速轻按“开关按钮”，这时系统会进入休眠状态，要使用时，只需再快速轻按“开关按钮”系统就马上处在备用状态。

提示： 考试时，建议学生使用这方法，以节省时间。

■ 界面介绍

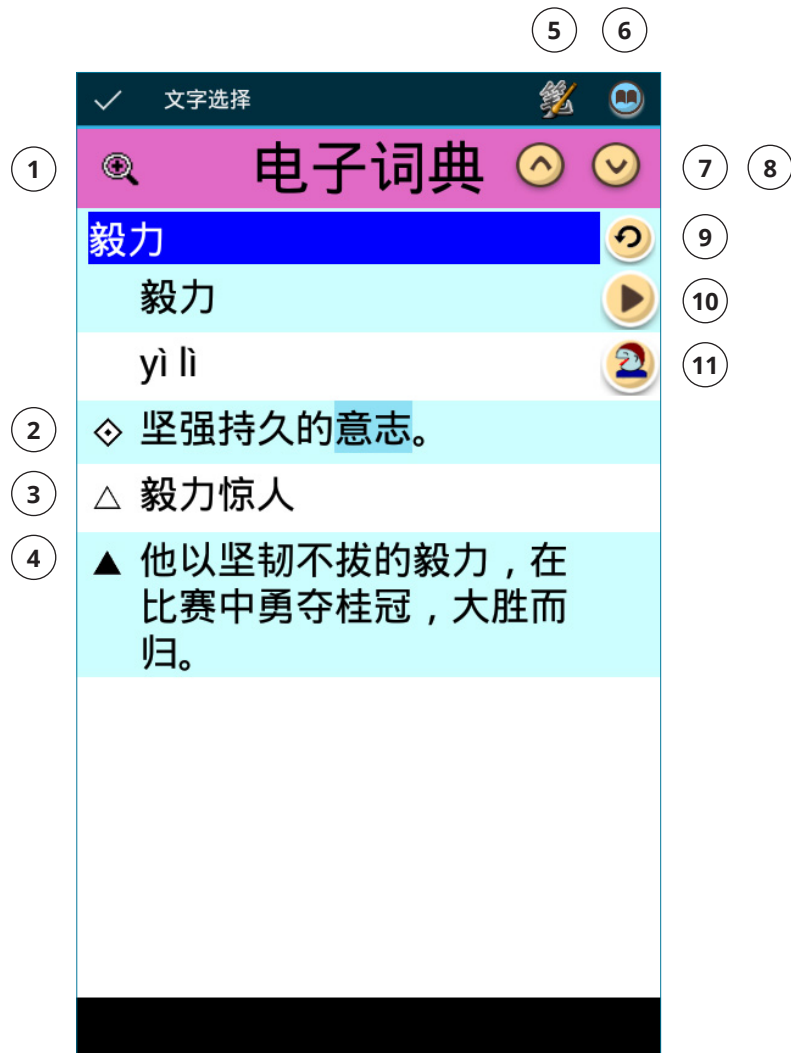
开机后，系统会引导入主页面，主页面分为电子词典、字词常识、实用附录与系统设置四个部分。

电子词典： 提供汉语词典适合中小学及初级学院学生使用

字词常识： 在华人应用上必知的语文常识

实用附录： 中文常用资源

系统设置： 电子词典相关的设置



① 放大屏幕显示



② 字／词的解释



③ 相关例子



④ 相关例句／造句



⑤ 演示文字笔画



⑥ 切换查找功能



⑦ 查看上一个词汇



⑧ 查看下一个词汇



⑨ 后退一步



⑩ 以TTS进行全文朗读



⑪ 真人朗读（只读基词）

■ 输入法

汉神PX2221电子词典提供了四种中文输入方式：

1. 拼音输入法
2. 部首输入法
3. 笔画查字输入法
4. 手写输入法

■ 1. 拼音输入方式

将输入法切换到“拼音输入”。

- 以拼音方式输入文字，中文候选字会出现在“重码显示区”。
- 点选所要查找的字或词，所点选的字就会出现在“文字输入区”，同时系统也会将相关的字或词呈列出来。
- 点按所要查询的“字／词”其解释就即刻呈现。

词汇的输入可以全拼、声调辅助、半简拼、与全简拼的方式输入，从而更容易将字找出：

- 1.1 **单字输入：**全拼输入
如：cheng = 成、程、城.....
- 1.2 **声调辅助：**
如：cheng3 = 呈、惩..... (只出现第三声字)
- 1.3 **词组输入：**双字词、三字词、四字词.....或以上
 - 以全拼输入, 如：yixinyiyi = 一心一意
 - 以声母输入, 如：rsrh = 人山人海、如诗如画.....
 - 以声母加全拼, 如：cgong = 成功、船公、长工.....
 - 以全拼加声母, 如：chengg = 成功、成果、城管.....

朗读部分：基词为真人录音，解释与例子为TTS语音合成朗读。



■ 2. 部首输入方式

将输入法切换到“部首查字”以“打”字为例：

- 输入部首笔画数
如：提手旁为3划，输入 3
- 选择部首，选择“扌”
- 输入其余笔画数后，点按“部首查字键”
如：其余笔画数为2划，输入 2
- 在重码区选字“打”
- 按查询按钮



3. 笔画查字方式

将输入法切换到“笔画查字”。

以“部首笔画数”，“部余笔画数”或“总笔画数”方式输入文字，中文候选字会出现在“重码显示区”，点选所要查找的字，所点选的字就会出现在“文字输入区”，同时系统也会将相关的字或词呈列出来，点按所要查询的“字／词”其解释就即刻呈现。

“笔画查字输入法”的操作步骤如下：以查找“输”字为例

- 3.1 点按“部首”键
- 3.2 输入笔画数。部首“车”笔画为 4
- 3.3 在重码区选择“车”字
- 3.4 点按“部余”键，输入部余笔画 9
- 3.5 在重码区点按“输”字，相关字／词就会出现
- 3.6 点按所要查找的字／词

提示：1. 总笔画查找

也可选择直接数字的总笔画数，以“头”为例

- 点按“总笔画”键
- 输入“5”重码区就会显示所要查找的文字

2. 声调辅助查找

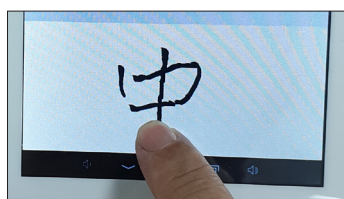
键盘左下方有“阴”、“阳”、“上”、“去”四个按钮，点按这些按钮，能将重码区显示的文字范围缩小。



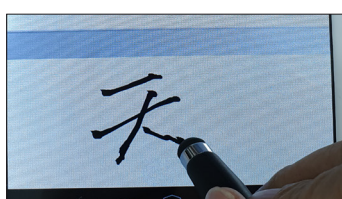
4. 手写输入方式

将输入法切换到“手写输入”。

- 在手写区直接书写
- 在重码候选字区选字
- 按查询按钮



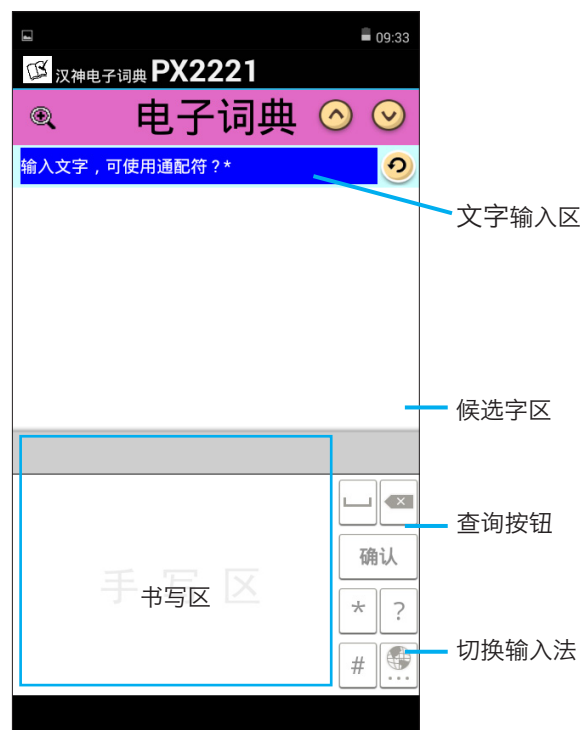
可用手指直接输入



也可用所提供的手写笔输入
(用手写笔黑色圆头的一端触碰书写)

提示：

- 在系统设置中可调整手写识别速度建议：将手写识别速度调在中间，最为理想。
- 书写时手部避免触碰“书写区”。
- 在“书写区”的范围内书写，避免写出格。
- 完成书写后，笔离开书写区的0.5秒系统就会进行识别，识别后的相关文字会出现在“候选字区”中，点选了所要查找的文字后，该字就会跳到“字词输入窗”，同时相关的字／词就会显示出来。
- 手写时，尽量以小朋友常写的方方正正方式书写。
- 避免将字写的太开，中间不要停顿。



更多输入技巧

无论用何种输入方式，为了查找方便，PX2221提供了更多有效的输入技巧，让找字更方便。

1. 通配符输入功能

通配符“*”，“?”能协助学生查找比较无法确定的词汇，又系统给予协助。

“*”代表某几个字


“?”代表一个字

如：不? 不? =不卑不亢，不三不四.....

*日? =风和日丽.....

2. 切换查找功能

对于词典所列出的解释中，如对某个词汇或文字的意思加以了解，可用手指按住该字/词，系统就会将字/词选上，

点按此按钮 ，系统会直接将意思找出。

3. 级别参照

当进行单字查询时，字旁可能会出现一些字符。

如：N110R;H110W 这表示这个字在“欢乐伙伴”课本中曾学过的字：

“N”代表普通华文，

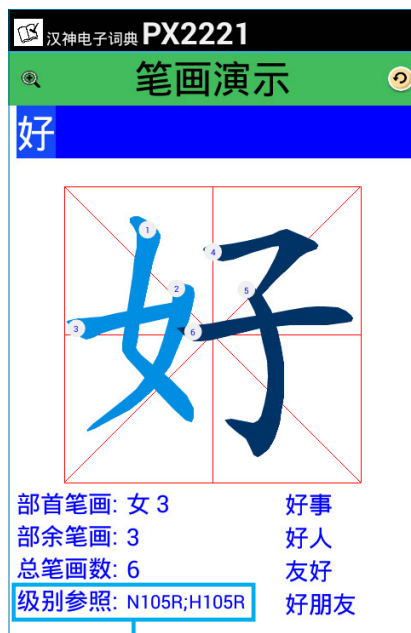
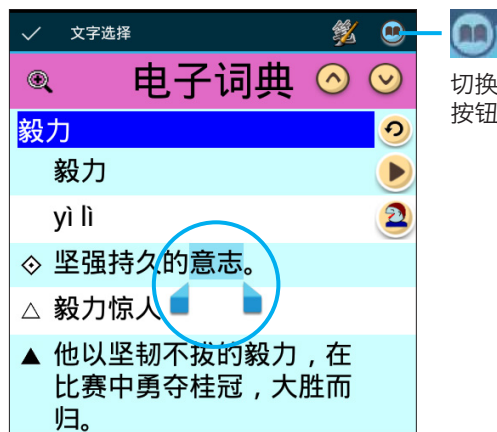
“H”代表高级华文

“第一个数目字”代表年级

“第二与第三个数目”代表课数

“R”代表必读字

“W”代表必写字



级别参照

作文辅助

PX2221协助学生丰富其字词常识，提供了多种字词相关常识资源，协助学生更好的完成作文写作，包括了：

- 基本笔画
- 笔画演示
- 常用部首
- 常用量词
- 标点符号
- 汉字结构
- 汉字组合

提示:

建议学生平时有空时可到此“字词常识”部分，多看、多学习以丰富文字使用常识。



■ 学习资源

PX2221的“实用附录”项中，提供了学习与写作资源，如唐诗宋词等并附上系统朗读功能。

- 唐诗欣赏
- 宋词欣赏
- 百家姓
- 三字经
- 弟子规
- 亲属称谓
- 拼音知识



■ 系统设置

音量调节:

调节电子词典的声量大小，由于是供考场使用设备，因此PX2221没设扩音器，学生只能通过系统提供的耳机聆听系统的朗读部分。

在家使用时可在耳机孔部分插上外接扩音器，就能直接听到朗读的音效。

亮度调节:

调节设备的亮度调得越亮，电量的消耗就越大。

剩余电量:

显示词典的电池剩下的电量。

手写识别速度:

这里指的是笔/手指离开书写区到系统识别文字的时间，系统默认设定为0.5秒。

待机时长:

可自行设置待机时长。

设置日前时间:

对于系统显示的日前与时间进行设置。



■ 词典的保护

- 将电子词典放在保护套内
- 充满后即刻关掉电源，避免超量充电
- 避免放在高温地区
- 避免触碰到水
- 避免从高处掉落

■ 考试前的准备

- 考试前一天将电量充满
- 进入考场后启动开关，让电子词典处于启动状态
- 启动后触按一下开关按钮，让词典进入休眠状态
- 要用时只需再触按一下开关按钮，词典即刻显现
- 可将待机时长设置为20或40分钟

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任何保修索赔与维修，请到我们的服务中心：

A Genuine Technology

地址 : 1 Rochor Canal Road, #05-66 Sim Lim Square, Singapore 188504
营业时间 : 星期一至星期六 中午12:30 到傍晚07:00
联络方式 : 6336 1319

Creative Knowledge Labs Pte Ltd

地址 : 2 Jurong East Street 21, #03-186 IMM Building, Singapore 609601
营业时间 : 星期一至星期五 上午09:00 到傍晚05:30
客户/技术支援 : 6256 1327 helpdesk@hansvision.com

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