# Saj-j<sup>h</sup>ā-ya Tipiṭaka SmartGlasses





A Gift of Peace & Wisdom :
The Saj-j<sup>h</sup>ā-ya Commemorative 2025 Edition
by

The Dhamma Society Fund's World Tipiṭaka Project since 1999

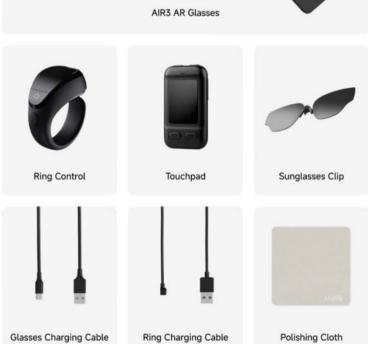






User Guide





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### Introduction

#### A Gift from Thailand to the Royal House of Denmark

The presentation of the Saj-jhā-ya Tipiṭaka Device AI 2025 to the King of Denmark by the World Tipiṭaka Patrons from Thailand is a remarkable event that signifies a deep connection between the two nations. This convergence of ancient wisdom and modern innovation is a testament to the strong, though often unrecognised, historical and intellectual ties between the royal houses of Thailand and Denmark, both of whom honour the scholarly tradition of the World Tipiṭaka.

#### A Shared Scholarly Heritage

While the relationship between Thailand and Denmark might appear distant at first, a closer look reveals a powerful intellectual connection rooted in the history of Oriental studies. Denmark, once a leading maritime power, was also a pre-eminent centre for Pāļi scholarship in Europe. This legacy is exemplified by the monumental work of scholars like Viggo Fausbøll and Vilhelm Trenckner, whose contributions to Pāļi dictionaries and the first Latin translations of the Dhammapada were unparalleled at the time. Their work on the Pāļi Tipiṭaka has had a transformative impact on modern multidisciplinary studies, including computational linguistics, quantum physics, and Scandinavian literature.

This pioneering spirit mirrors the Thai Royal Family's profound reverence for preserving the Eastern heritage of the Supreme Buddha's Enlightenment and for the dissemination of Tipiṭaka. This shared history is further underscored by King Chulalongkorn Chulachomklao, Rama V's royal gift of Thai Buddhist canonical scriptures—the world's first printed set in modern book form, consisting of 39 volumes—to the Royal Danish libraries over a century ago. This gesture cemented a lasting cultural bridge between the two kingdoms.

#### **Innovation and Modernity**

This shared heritage isn't just a thing of the past; it's being revitalised through cutting-edge technology. The Saj-jhā-ya Tipiṭaka Device AI 2025, based on Patent Syllabic Segmentation Computer Programme No. 46390 (2013), received an award at the 48th Geneva International Exhibition of Inventions. It was also a pilot device presented in 2016 to His Majesty King Maha Vajiralongkorn, Rama X of Thailand during the King's ascension to the throne, symbolising the new reign's continued modernity. Its presentation to the Danish royal house is a fitting gesture, given Denmark's renowned reputation for imaginative design and electronic innovation.

This act is a nod to a previous exchange: Queen Margrethe II's gift of a classic Danish Bang & Olufsen record player—at the time, one of the world's most famous designs—to King Bhumibol Adulyadej, Rama IX of Thailand during her Royal State Visit to Bangkok. This earlier exchange symbolised a reciprocal honour for design excellence and technological innovation between the two nations.

The Saj-jhā-ya Phonetic Tipiṭaka project is more than just a religious endeavour; it's a linguistic and cultural initiative that uses the latest artificial intelligence technology. The device makes the ancient wisdom of the Pāli Tipiṭaka accessible through a complete Roman-script transliteration and transcription. Its latest innovative features, such as the Saj-jhā-ya SmartGlass, display Roman-script and Pāļi monotone music notation alongside recitation audio. The Vibrational Wave approach sounds Sai-ihā-va neuroscience and health technology is said to benefit deep Vipassanā meditation and promote brainwave calmness. innovations directly appeal to the appreciation for both linguistics and thoughtful design.

#### A Fitting Historical Conclusion

This historical event culminates in the presentation of the Saj-jhā-ya SmartGlass to a member of the Royal Family of Denmark, along with the King Bhumibol and Queen Sirikit Commemorative 2016 Edition. This 80-volume set of the Saj-jhā-ya Phonetic Tipiṭaka, the world's first of its kind, was, published by the World Tipiṭaka Project under the patronage of His Holiness the Supreme Patriarch of Thailand. It represents a monumental achievement in the preservation of human wisdom.

Organised by the Ministry of Foreign Affairs in cooperation with the World Tipiṭaka Foundation, this project will be respectfully presented on October 24, 2025, to His Majesty King Frederik's Reference Library at Amalienborg Palace in Copenhagen. This act honourably concludes a cycle of shared history, intellectual pursuit, and royal ties. It demonstrates how two nations, once seemingly disparate, are profoundly united by a shared dedication to wisdom, innovation, and a cultural heritage that continues to shape the future, particularly at a time when global unity and peace are profoundly needed.

The Dhamma Society Fund's World Tipiṭaka Project 2025

### The Saj-j<sup>h</sup>ā-ya Tipiṭaka SmartGlasses

This is the first prototype device of the Saj-jhā-ya Tipiṭaka SmartGlasses, utilizing the INMO brand from China for the installation of the Sajjhāya. AI Application. Usage instructions are as follows.

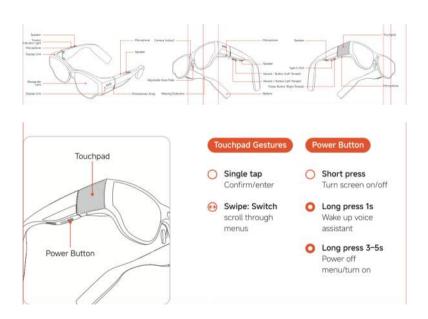
#### Reference:

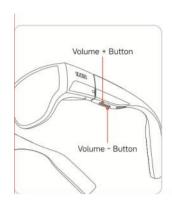
#### **English:**

https://manuals.plus/m/72ba08ca6ded1b3438f39450bda8647196fb495b3a0615fff3436473bce67edf

#### Danish:

https://manuals.plus/da/inmo/air3-never-just-glasses-manual



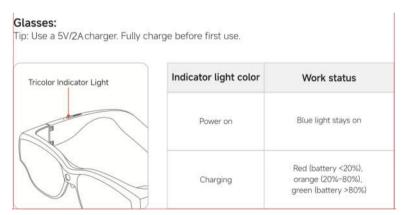


#### Volume Buttons (Default)

- O Short press "+"
  Increase volume by 5% per tap
- O Short press "-"
  Decrease volume by 5% per tap





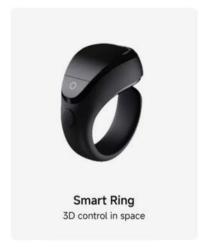


A Reminder: It is suggested to charge with a 5V/2A adapter. Fully charge before first use.

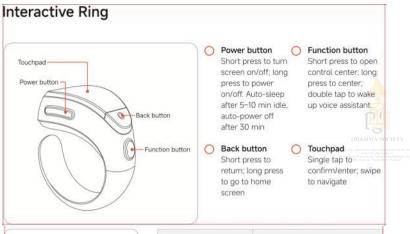
### Device Control SmartGlasses













Indicator light color	Work status
Pairing mode	Blue light flashing
Connected	Red light flashes (battery <20%), no light (battery >20%)
Charging	Red (battery <20%), orange (20%–80%), green (battery >80%)

## Sajjhāya AI Application

The Sajjhāya AI Application uses the World Tipiṭaka Database to display the Pāḷi Phonetic, Pāḷi Monotone Music Notation, and AI Audio Synthesis, all of which were developed by processing the World Tipiṭaka data from Patent No. 46390. These features are installed on the Sajjhāya Device. Usage instructions are as follows.



Figure 1: Home Screen

As shown in Figure 1 (the Home Screen), the user must use the control ring device to position the mouse pointer over the logo, then single-tap the ring's center touch screen to launch the application.



Figure 2: The Scripture Selection Screen

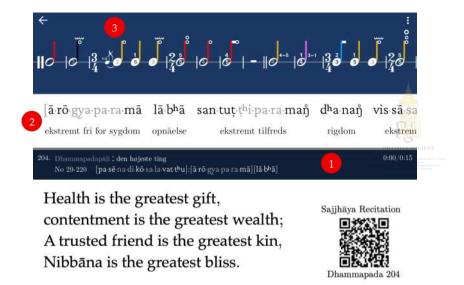
As shown in Figure 2 (the Scripture Selection Screen), the user must use the control ring device to position the mouse pointer over a book, then single-tap the ring's center touch screen to access the Dhammapada of the World Tipiṭaka Database.



Figure 3: Table of Content Screen

As shown in Figure 3 (the Table of Content Screen), the user must use the control ring device to position as following functionalities.

- One Touch on Play Button to open the Play Audio Sound Screen in Figure 4
- One Touch on selected chapter to open the Scripture Chapter Screen in Figure 6



Sundhed er den største gave, tilfredshed er den største rigdom; En pålidelig ven er den største slægtning, Nibbāna er den største lykke.

Figure 4: Play Audio Sound Screen

As shown in Figure 4 (the Play Audio Sound Screen), the user must use the control ring device to position as following functionalities.

- One Touch on Title Area to open the Media Controller Screen in Figure 5
- This is the scripture area to display the Pāḷi Phonetic to highlight color in each syllable while the Sajjhāya audio sound is playing which is generated and controlled by AI

This is the Music Notation area to display the Pāḷi Monotone Music Notation to highlight color in each notation symbol while the Sajjhāya audio sound is playing which is generated and controlled by AI

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Figure 5: Media Controller Screen

As shown in Figure 5 (the Media Controller Screen), the user must use the control ring device to position as following functionalities.

- One Touch on icon to control the Sajjhāya Audio Sound
  - Play Sajjhāya Audio Sound
  - Pause Sajjhāya Audio Sound
  - Forward to next chapter
  - Rewind to previous chapter
  - Adjust Scripture Text Size
  - Adjust Sound Volume
  - Repeat all chapters
  - Repeat the specific one chapter
  - Show or Hide the Pāḷi Monotone Music Notation
  - **:=** Show Play list
- One Touch on the Scripture Text area to hide the Media Controller Screen



Figure 6 : Scripture Chapter Screen

As shown in Figure 6 (the Scripture Chapter Screen), the user must use the control ring device to position as following functionalities.

- One Touch on Play Button to open the Play Audio Sound Screen for specific chapter in Figure 4
- One Touch on selected word to populate the Pāḷi Lexicon and Translation Popup Screen in Figure 7

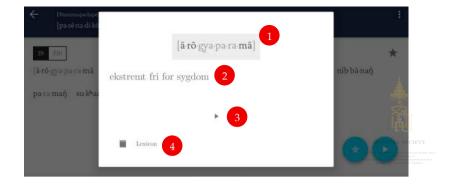


Figure 7: Pāļi Lexicon and Translation Popup Screen

As shown in Figure 7 (the Pāḷi Lexicon and Translation Popup Screen), the user must use the control ring device to position as following functionalities.

- Display the Pāḷi-Roman Phonetic
- Display Danish language translation
- One Touch at icon ▶ to play the Pāḷi audio sound for the word
- One Touch at Lexicon icon to open the Pāḷi Lexicon Screen in Figure 8

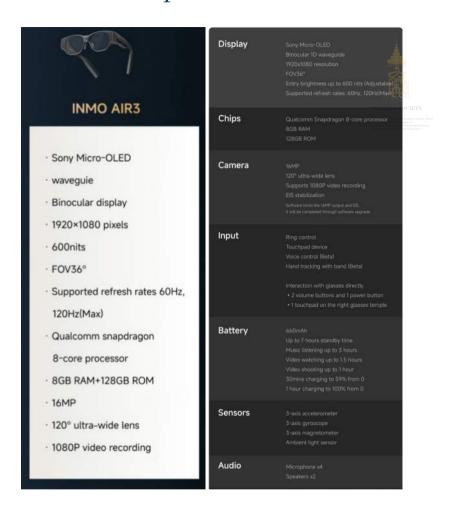


Figure 8 : Pāļi Lexicon Screen

As shown in Figure 8 (the Pāli Lexicon Screen), the user must use the control ring device to position as following functionalities.

- Display the Pāļi-Roman Phonetic
- Display Danish language translation
- Display English language translation
- One Touch at Syllable to open the Pāḷi Kaccāyana Gramma Popup to reference how to pronounce Pāḷi Sound.
- One Touch at icon ▶ to play the Pāḷi audio sound for the word

## Hardware Specification



▲ Reminder: It is suggested to charge with a 5V/2A adapter. Fully charge before first use.





### **Dhamma Society Fund**

The M.L. Maṇīratana (Snidwongse) Bunnag Dhamma Society Fund Under the patronage of His Holiness Prince Krom Luang Vajirañāṇasaṃvara The Supreme Patriarch of Thailand

> Editor of the Pāļi Tipiţaka Manuscript since 1989



### The World Tipiṭaka Foundation

A Royal Gift of Dhamma since 2011