

# KoeTra



## Easily communicate without sign languages using text and speech!

## What is "KoeTra"?

Communication through writing is typical between the hearing-impaired and the non-impaired when sign language cannot be commonly used. However, the non-impaired may not always be able to convey the necessary information either because they may be hesitant to communicate by writing, or because they are not accustomed to do so or simply because of the lack of time. "KoeTra" utilizes speech recognition and speech synthesis technologies to support communication between the hearing-impaired and the non-impaired.

#### **Features**

- Speech-to-text conversion
- Easy-to-use for anyone
- Express your emotions using emoticon stamps
- Text-to-speech conversion
- Register phrases that are oftenused
- Connect multiple devices and chat

## Here's an example of how "KoeTra" can be used;

## Communicate with text and speech



A hearing-impaired person asks a question using text input while the non-impaired person comprehends the question through the screen and from synthesized speech



The non-impaired person answers using speech input



The speech is converted into text and displayed on the screen

## Convey information by using a map or simply by drawing



A hearing-impaired person asks a question using text input



The non-impaired person drops a pin on the map to show the location / destination



A hearing-impaired person asks a question using text input





The non-impaired person provides the information by drawing

#### Your speech can be converted into text

You can input text via speech without typing on the keyboard

- You can easily communicate with a person who is not familiar with sign languages
- Anyone can easily input text even if they are not used to typing



#### Easy-to-use for anyone

Even those who are not familiar with using smartphones can easily respond

- First-timers can intuitively use the app by simply pressing the buttons
- •You can convey information by using a map or by drawing







#### Express your emotions using emoticon stamps

Use emoticon stamps to express your emotions

Various types of stamps are available for free



#### Your text can be converted into speech

Get your point across without the other person having to read the text

- The conversation will progress smoothly by expression with speech
- You may also communicate with a visuallyimpaired person



#### Register phrases that are often-used

Often-used phrases can be registered as fixed phrases, which can quickly and easily be recalled

- Save time by simply selecting from the fixed phrases
- Organize them into categories so that the fixed phrases can easily be found







#### Connect multiple devices and chat

Multiple people can join a conversation using their own devices

- Conversation between the hearing-impaired and the non-impaired is available through real-time
- You can use your own fixed phrases by using your own device to chat.









[Developed by]

[Provided by]





lkoetra

search

[Support Website] https://www.koetra.jp/en/ [KoeTra Support Team] koetra-support@koetra.jp

Takagi Bldg. 4F, 1-1-7 Okubo, Shinjuku-ku, Tokyo JAPAN 169-0072 FEAT Limited

