

# KbdOpen

## Bindings:

### C:

```
#define INCL_KBD

USHORT rc = KbdOpen(KbdHandle);

PHKBD KbdHandle; /* Keyboard handle */

USHORT rc; /* return code */
```

### MASM:

```
EXTRN KbdOpen:FAR
INCL_KBD EQU 1

PUSH@ WORD KbdHandle ;Keyboard handle
CALL KbdOpen

Returns WORD
```

This call creates a new logical keyboard.

KbdOpen (KbdHandle)

KbdHandle (**PHKBD**) - output Address of the logical keyboard.

rc (**USHORT**) - return Return code descriptions are:

0	NO_ERROR
440	ERROR_KBD_NO_MORE_HANDLE
441	ERROR_KBD_CANNOT_CREATE_KCB
464	ERROR_KBD_DETACHED
504	ERROR_KBD_EXTENDED_SG

## Remarks

KbdOpen blocks while another thread has the keyboard focus (by way of [KbdGetFocus](#)) until the thread with the focus issues [KbdFreeFocus](#). Therefore, to prevent KbdOpen from blocking, it is recommended that KbdOpen be issued only while the current thread has the focus. For example:

[KbdGetFocus](#) wait until focus available on handle 0 KbdOpen get a logical keyboard handle KbdOpen get another logical keyboard handle KbdOpen get yet another logical keyboard handle [KbdFreeFocus](#) give up the focus on handle 0.

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