 This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

Note: This is legacy API call. It is recommended to use 32-bit equivalent

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KbdOpen

This call creates a new logical keyboard.

Syntax

```
KbdOpen (KbdHandle)
```

Parameters

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

Return Code

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.
```

Bindings

C

```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
```

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