


```

        LDA Version
        BNE $1          ;Jump if not original Pascal version
        JSR CONCK
        JMP $2
$1      JSR CONCKVEC     ;Check console
$2      LDA RPTR
        CMP WPTR        ;Char in buffer?
        BEQ Empty
TRUE    LDA #1          ;Yes, return Keypress=True
        BNE KPDONE      ;Always taken
EMPTY   LDA #0          ;No, return Keypress=False
KPDONE  PHA             ;Push LSB result
        LDA RETURN+1
        PHA             ;Restore return address
        LDA RETURN
        PHA
        RTS
        .END

```

The sample program below illustrates the use of Keypress as an externally linked routine. Follow the instructions given on pp. 136-182 of the Pascal Operating System Reference Manual for assembling and linking external code.

```

Program Presstest;

Var I: integer;

Function Keypress: boolean; external;

Begin
  I:=0;
  Repeat
    Writeln (I);
    I:=I+1;
  Until Keypress
End.

```

Apple Tech Notes

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