

07/27/01  
PK-232 Sound Card Interface  
Programmer's Notes

EXPERIENCED PROGRAMMERS, ENGINEERS AND TECHNICIANS ONLY!

Do NOT use these commands unless you thoroughly understand the operation of the PK-232 in the EXPert mode!

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; Do not connect the PK-232 radio port 1/2 squelch input
; when the sound card interface is connected!

; This command sequence selects the sound card or the PK-232
; as the modem source for the radio ports 1 and 2.

; This command sequence operates the relay and the led
; on sound card interface daughterboard. When the relay
; is pulled in and the led is ON, the sound card input and output
; interface is on the PK-232 external modem connector.
; Factory default on power up is relay de-energized and led OFF.

; The following commands assume the PK-232 command (CMD:) mode is active.
; Use HyperTerminal, Timewave ModemSwitch(tm) terminal or other dumb
; terminal program to manually enter these commands to become familiar with
; their effects on the PK-232.

; Experienced programmers who wish to integrate these commands
; into a control program should consult the PK-232 technical manual for
; details on the PK-232 host mode. Also recommended is the Zilog Z8536
; technical manual.

EXP on ; expert mode on
ADD $BF23 ; select 8536 port A data direction register
IO $08 ; set all port A i/o to OUTPUT except PA3
ADD $BF0D ; select 8536 port A control register
IO $77 ; Pulls in relay and turns on led by setting all port A i/o
; to 1 except PA7 and PA3
IO $E7 ; de-energizes relay and turns off led
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