

Alpha8fragment

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MAIN:  IF TRIGR=1 THEN GOSUB PLAY      ' Selects "playback"
        IF CONTROL=0 THEN GOSUB RECORD ' Selects "record"
        IF ACTIVE=0 THEN GOSUB MANUAL  ' Manual override when "idle"
        GOTO MAIN

. . . .
PLAY:   IF TRIGR=0 THEN RETURN          ' Debounce the switch
        PAUSE 70
        IF TRIGR=0 THEN RETURN
        CYCLE=0 : FLASH=8 : FLASH2=5    ' Status LED indicates "playback"
        CLOCK=0                         ' Reset the clock for read
PLOOP:  IF FRAME=240 THEN GOTO PLEXIT    ' If top of data is reached, exit
        READ FRAME,STATE                 ' Read the frame from data memory
        IF STATE=$FF THEN GOTO PLEXIT    ' If "end of data" marker is read, exit
        IF STATE=1 THEN                  ' For state 1,
            RELAY=1 : ALED=1              ' turn the relay and activity LED on,
        ELSEIF                           ' otherwise,
            IF STATE=0 THEN               ' for state 0,
                RELAY=0 : ALED=0          ' turn the relay and activity LED off
            ENDIF
        GOTO PLOOP                       ' Repeat until an exit condition occurs
PLEXIT: IF TRIGR=1 AND MFLAG=0 THEN
        CYCLE=0 : FLASH=2 : FLASH2=2
        ENDIF
NOTCLR: WHILE TRIGR=1 AND MFLAG=0
        PAUSE 1050
        GOTO NOTCLR
        WEND
        CYCLE=0 : FLASH=16 : FLASH2=9    ' Status LED indicates "idle"
        RETURN

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