

MM101Valpha6

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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<>1 THEN RETURN        ' Debounce the switch
        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,
        endif                           ' otherwise,
        IF STATE=0 THEN                 ' for state 0,
            RELAY=0 : ALED=0             ' turn the relay and activity LED off
        ENDIF
        GOTO PLOOP                      ' Repeat until stopped
PLEXIT: CYCLE=0 : FLASH=16 : FLASH2=9   ' Status LED indicates "idle"
        RETURN

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