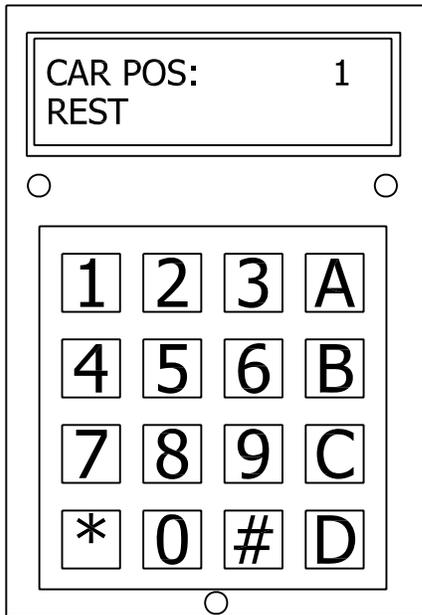


# PROGRAMMING TOOL MHTAL LOGIC BOARD Unified Software v2.2



## NORMAL DISPLAY:

TOP LINE = CAR POSITION  
BOTTOM LINE = CAR STATUS

## HOT KEY FUNCTIONS:

(\* ) - RESET  
(A) - VIEW MENU

## MENU OPTIONS:

1-NORMAL: DISPLAYS THE CARS' POSITION AND STATUS

2-PROGRAM: ALLOWS YOU TO EDIT SYSTEM PARAMETERS

3-LOG: VIEW THE LAST 20 EVENTS

4-COUNT: THREE COUNTERS ARE PROVIDED. TOTAL, TRIP AND RE-LEVEL

A DETAILED DESCRIPTION OF EACH MENU OPTION IS PROVIDED

# PROGRAMMING v2.2 (1 of 3)

CAR POS: 1  
REST

PRESS (A) TO VIEW THE MENU

ONCE IN PRORAMMING MODE:

TO MAKE A CHANGE PRESS THE KEY FOR THE DESIRED NUMBER AND PRESS THE (#) KEY TO ACCEPT THE CHANGE.

NORM (1) PROG (2)  
LOG (3) COUNTER (4)

PRESS (2) TO VIEW OR CHANGE PROGRAMMING

(A) TO RETUN TO THE MAIN MENU  
(B) TO SCROLL UP  
(C) TO SCROLL DOWN  
(D) TO CLEAR THE CURRENT VALUE.  
(#) TO ACCEPT THE CHANGE  
(\* ) TO PERFORM A RESET

Password Then #  
Prog:

TYPE IN THE PASSWORD THEN PRESS THE (#) KEY  
FACTORY DEFAULT: 1,2,3,4,5

Number of  
Floors (2)

TYPE IN THE DESIRED NUMBER OF FLOORS AND PRESS #  
(ADJUSTABLE FROM 2 - 4)

Automatic PB  
(0)No (1)Yes (1)

SELECT NO IF CONSTANT PRESSURE OPERATION IS DESIRED.

Drive System (1)  
(0)Drum (1)Hydro

SELECT DRIVE SYSTEM AND PRESS #  
IF DRUM IS SELECTED, RE-LEVELING IS DISABLED

Fixed Cam (0)  
(0)No (1)Yes

SELECT NO AND PRESS # IF ELECTRO MAGNETIC INTERLOCKS ARE USED OR THE INTERLOCK CAM IS A RETIRING CAM

Delay Up Stop  
X 0.01sec (000)

TYPE IN THE TIME AND PRESS # TO SET THE TIME THAT THE MOTOR WILL CONTINUE TO RUN AFTER "UL" DROPS OUT. ALLOWS CAR TO STOP HIGHER IN THE DEAD ZONE. (ADJUSTABLE 0-200 X10ms | 000 = DISABLED)

Run Timer  
(090) SEC

TYPE IN TIME AND PRESS # TO SET THE MAXIMUM RUN TIME  
(ADJUSTABLE FROM 30 - 180 SECONDS)

Car Light Timer  
(05)Minute

TYPE IN THE TIME AND PRESS # TO SET THE TIME THE CAR LIGHT SHALL REMAIN ON AFTER THE COMPLETION OF A CALL (1-10 MINUTES)

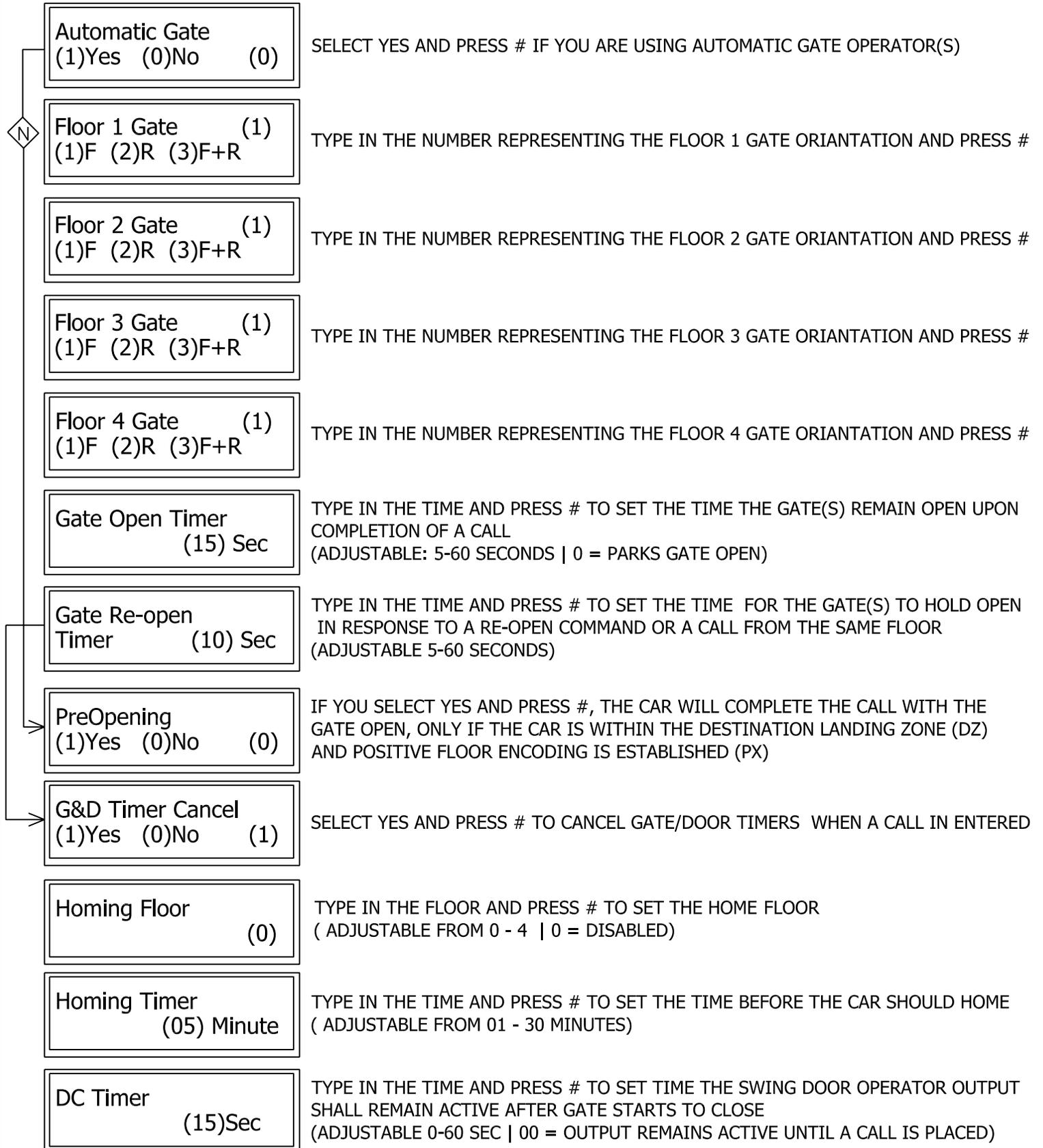
Non-interference  
Timer (02) Sec

TYPE IN THE TIME AND PRESS # TO SET THE TIME BEFORE A NEW CALL CAN BE ACCEPTED (2-60 SEC)

Car Call Cancel  
Timer (10) Sec

TYPE IN THE TIME AND PRESS # TO SET THE TIME AFTER WHICH THE CALL WILL BE DROPED IF THE CAR IS UNABLE TO RESPOND  
(ADJUSTABLE 0 - 60 SECONDS)

# PROGRAMMING v2.2 (2 of 3)



# PROGRAMMING v2.2 (3 of 3)

Short Floors 1/2  
(0)No (1)Yes (0)

SELECT YES AND PRESS # TO INHIBIT HIGH SPEED IN BOTH DIRECTIONS WHEN RUNNING BETWEEN FLOORS 1 TO 2  
MIN FLOOR DISTANCE IS 12" FOR APB AND 24" FOR CP

Short Floors 2/3  
(0)No (1)Yes (0)

SELECT YES AND PRESS # TO INHIBIT HIGH SPEED IN BOTH DIRECTIONS WHEN RUNNING BETWEEN FLOORS 2 TO 3  
MIN FLOOR DISTANCE IS 12" FOR APB AND 24" FOR CP

Short Floors 3/4  
(0)No (1)Yes (0)

SELECT YES AND PRESS # TO INHIBIT HIGH SPEED IN BOTH DIRECTIONS WHEN RUNNING BETWEEN FLOORS 3 TO 4  
MIN FLOOR DISTANCE IS 12" FOR APB AND 24" FOR CP

Call But. Fault  
0-No 1-A 2-U (0)

No: WILL DISABLE THIS FEATURE  
A: WILL FLASH ALL CODES TO THE CALL BUTTON LIGHTS  
U: WILL FLASH ONLY THOSE CODES WHICH ARE USER CORRECTABLE

Relevel Shutdown  
Counter (05)

(HYDRO ONLY)  
TYPE IN THE NUMER AND PRESS # TO SET THE NUMBER OF ALLOWABLE RELEVELS BEFORE SHUTDOWN.  
THE COUNTER RESETS TO ZERO WITH A CALL (ADJUSTABLE 0-10 | 0 = DISABLED)

Relevel Shutdown  
Timer (02)Minute

(HYDRO ONLY)  
TYPE IN THE TIME AND PRESS # TO SET THE MAXIMUM TIME BETWEEN RELEVELS THAT WILL INCREMENT THE RELEVEL COUNTER

Auto Shutdown  
Counter X10(000)

TYPE IN THE NUMBER AND PRESS # TO SET THE NUMBER (SETTING X10) TRIPS BEFORE THE ELEVATOR IS DISABLED (ADJUSTABLE 0 - 100 | 0 = DISABLED)  
THIS FEATURE WILL BE DISABLED AFTER FOUR ACTIVATIONS

Sabbath  
(1)Yes (0)No (1)

DEFAULT IS YES AND SHOULD NOT BE CHANGED.

Service Interval  
Counter X10(000)

TYPE IN THE NUMBER AND PRESS # TO SET THE NUMBER (SETTING X10) TRIPS BEFORE THE EM LIGHT WILL FLASH 3 TIME AT THE START OF EVERY RUN  
RESET THIS FEATURE BY CLEARING THE "COUNTER" FROM THE MAIN MENU (ADJUSTABLE 0 - 250 | 0 = DISABLED)

Modify Password  
(1)Yes (0)No (0)

TYPE IN C TO KEEP THE PASSWORD AND VIEW NEXT PARAMETER  
TYPE IN 1 AND PRESS # TO CHANGE THE PASSWORD  
NOTE: PASSWORD MUST BE 5 DIGITS (NUMARICAL ONLY)

# LOG

CAR POS: 1  
REST

PRESS (A) TO VIEW THE MENU

(1) NORM (2) PROG  
(3) LOG (4) COUNTER

PRESS (3) TO VIEW THE LOG

EVENT DESCRIPTION  
2UL

THE FIRST LINE IS A DESCRIPTION OF THE EVENT  
2U=EVENT OCCURED AT 2ND FL WHILE TRAVELING UP  
L= LAST EVENT

NO EVENTS

(C) VIEWS PREVIOUS EVENT UNTIL "NO EVENTS" IS SEEN

ONCE IN LOG MODE:

THE LOG STORES 20 ERRORS IN A LAST IN FIRST OUT FORMAT.

(A) TO RETURN TO THE MAIN MENU  
(B) TO VIEW LATER EVENT  
(C) TO VIEW EARLIER EVENT  
(D) TO CLEAR THE LOG

Note: PASSWORD IS REQUIRED TO CLEAR LOG  
(\* ) TO PERFORM A RESET

# COUNTERS

CAR POS: 1  
REST

PRESS (A) TO VIEW THE MENU

(1) NORM (2) PROG  
(3) LOG (4) COUNTER

PRESS (4) TO VIEW COUNTERS

TRIP: 0  
TOTAL: 0

THE "TRIP" AND "TOTAL" RUN COUNTERS ARE DISPLAYED

UP RE-LEVELING  
0

(C) TO VIEW UP LEVELING COUNTER

ONCE IN COUNTER MODE:

THE SYSTEM HAS THREE COUNTERS.

TRIP: INCREMENTS EACH TIME THE CAR MOVES IN RESPONSE TO A CALL. RESETABLE

TOTAL: SAME AS TRIP BUT NOT RESETABLE

UP LEVELING: INCREMENTS EACH TIME THE CAR MOVES UP WITHOUT A CALL. RESETABLE

(A) TO RETURN TO THE MAIN MENU  
(B) TO VIEW PREVIOUS COUNTERS  
(C) TO VIEW NEXT COUNTER  
(D) TO CLEAR THE COUNTERS

Note: PASSWORD IS REQUIRED TO CLEAR COUNTERS  
(\* ) TO PERFORM A RESET