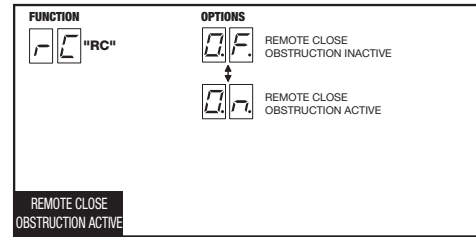
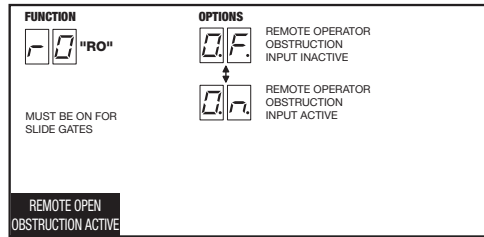
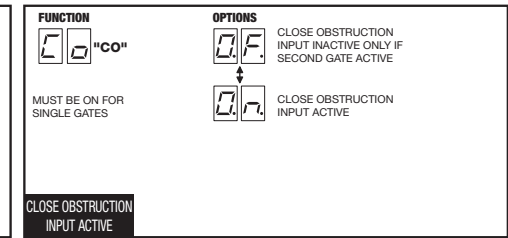
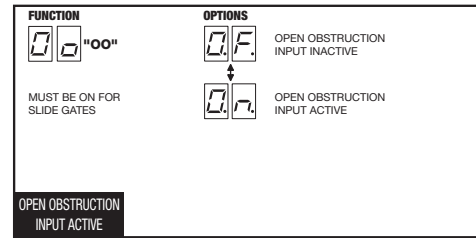
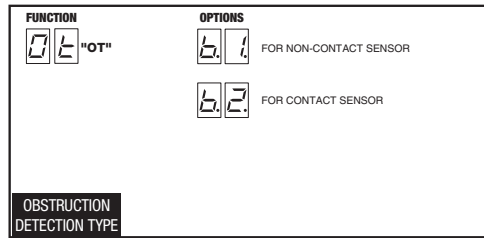
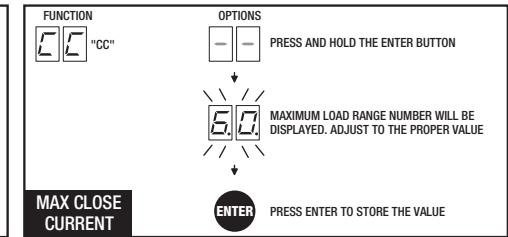
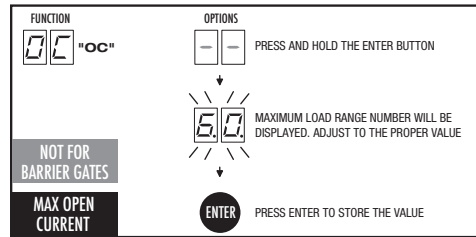
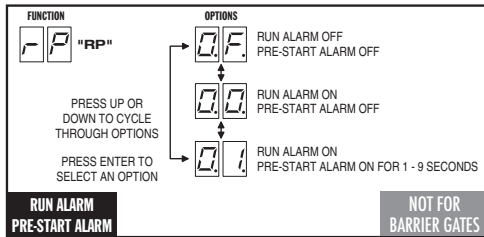
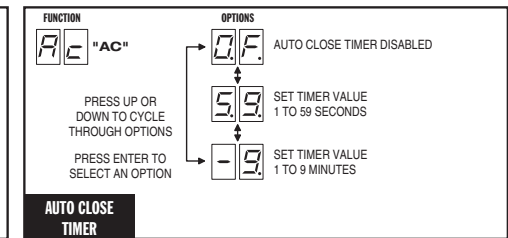
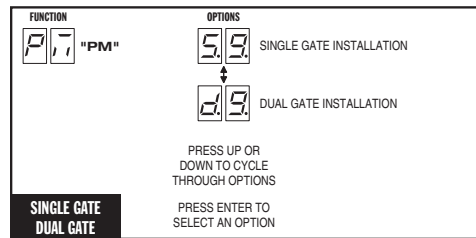
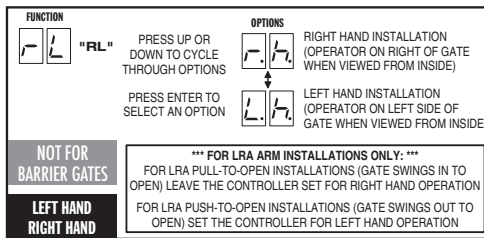
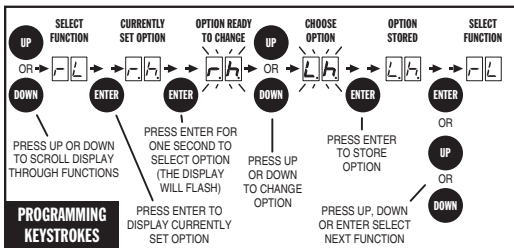


Linear PRO Access APeX-II v2.1 Gate Controller Quick Programming Guide – Basic Programming –

PRESS UP & DOWN BUTTONS FOR 1-SECOND TO ENTER PROGRAMMING

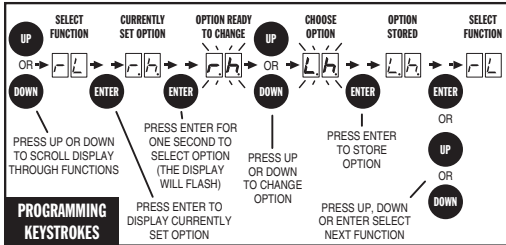


APEX FUNCTION DISPLAY INDICATIONS

"RL" LEFT OR RIGHT HAND OPERATION	"LP" LOW POWER MODE
"PM" SINGLE OR DUAL GATE	"FS" POWER FAILURE MODE
"AC" AUTO CLOSE TIMER	"SS" SOFT START/STOP DURATION
"RP" RUN ALARM PRE-START ALARM	"CT" RESET CYCLE COUNT
"OC" MAXIMUM OPEN CURRENT	"MA" MAINTENANCE ALERT TRIGGER
"CC" MAXIMUM CLOSE CURRENT	"OR" OPEN/RESET INPUT
"AD" ADVANCED PROGRAMMING	"TG" ANTI TAILGATE
"RT" MAXIMUM RUN TIMER	"MT" MID-TRAVEL STOP POSITION
"SB" SINGLE BUTTON INPUT SETUP	"AT" ANTI-TAILGATE ENABLE
"SM" STAGGER MODE	"RA" RADIO ENABLE
"ST" STAGGER TIME	"TL" LEARN TRANSMITTERS
"AR" AUXILIARY RELAY MODE	"TD" DELETE TRANSMITTERS
"RD" REVERSE DELAY TIME	"ML" LEARN MGT TRANSMITTERS
"BD" BRAKE DELAY TIME	"MD" ERASE MGT TRANSMITTERS
"CP" CONSTANT PRESSURE MODE	"MO" MOTOR TYPE SELECTION
"SP" SHADOW LOOP OPEN PREVENTION	"CL" RESET TO FACTORY DEFAULTS
"OO" OPEN OBSTRUCTION INPUT ACTIVE	"OT" OBSTRUCTION DETECTION TYPE, b1, b2
"MM" MGT MONITORING FUNCTION	"RC" REMOTE CLOSE OBSTRUCTION ACTIVE
"CO" CLOSE OBSTRUCTION INPUT ACTIVE	"RO" REMOTE OPEN OBSTRUCTION ACTIVE

Linear PRO Access APeX-II v2.1 Gate Controller Quick Programming Guide – Advanced Programming –

PRESS UP & DOWN BUTTONS FOR 1-SECOND TO ENTER PROGRAMMING



APEX FUNCTION DISPLAY INDICATIONS

RL "RL" LEFT OR RIGHT HAND OPERATION	LP "LP" LOW POWER MODE
PM "PM" SINGLE OR DUAL GATE	FS "FS" POWER FAILURE MODE
AC "AC" AUTO CLOSE TIMER	SS "SS" SOFT START/STOP DURATION
RP "RP" RUN ALARM PRE-START ALARM	CT "CT" RESET CYCLE COUNT
OC "OC" MAXIMUM OPEN CURRENT	MA "MA" MAINTENANCE ALERT TRIGGER
CC "CC" MAXIMUM CLOSE CURRENT	OR "OR" OPEN/RESET INPUT
AD "AD" ADVANCED PROGRAMMING	TG "TG" ANTI TAILGATE
RT "RT" MAXIMUM RUN TIMER	MT "MT" MID-TRAVEL STOP POSITION
SB "SB" SINGLE BUTTON INPUT SETUP	AT "AT" ANTI-TAILGATE ENABLE
SM "SM" STAGGER MODE	RA "RA" RADIO ENABLE
ST "ST" STAGGER TIME	TL "TL" LEARN TRANSMITTERS
AR "AR" AUXILIARY RELAY MODE	TD "TD" DELETE TRANSMITTERS
RD "RD" REVERSE DELAY TIME	ML "ML" LEARN MGT TRANSMITTERS
BD "BD" BRAKE DELAY TIME	MD "MD" ERASE MGT TRANSMITTERS
CP "CP" CONSTANT PRESSURE MODE	MO "MO" MOTOR TYPE SELECTION
SP "SP" SHADOW LOOP OPEN PREVENTION	CL "CL" RESET TO FACTORY DEFAULTS
OO "OO" OPEN OBSTRUCTION INPUT ACTIVE	OT "OT" OBSTRUCTION DETECTION TYPE, b1, b2
MM "MM" MGT MONITORING FUNCTION	RC "RC" REMOTE CLOSE OBSTRUCTION ACTIVE
CO "CO" CLOSE OBSTRUCTION INPUT ACTIVE	RO "RO" REMOTE OPEN OBSTRUCTION ACTIVE

FUNCTION **AD** "AD" ADVANCED PROGRAMMING FUNCTIONS WILL NOT BE DISPLAYED

OPTIONS **0F** ADVANCED PROGRAMMING FUNCTIONS WILL NOT BE DISPLAYED
0N ADVANCED PROGRAMMING OPTIONS WILL BE DISPLAYED

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

ADVANCED PROGRAMMING

NOTE: ADVANCED PROGRAMMING WILL STAY ENABLED AFTER EXITING PROGRAMMING UNTIL THE GATE CYCLES 50 TIMES

FUNCTION **SM** "SM" STAGGER MODE

OPTIONS **0F** DISABLES STAGGER FUNCTION
0N SETS THIS OPERATOR FOR DELAYED OPEN
0C SETS THIS OPERATOR FOR DELAYED CLOSE

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

NOT FOR BARRIER GATES

NON-LRA DUAL GATES ONLY

FUNCTION **RD** "RD" REVERSE DELAY TIME

OPTIONS **09** SET TIMER VALUE 1 TO 9 SECONDS

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

NOT FOR BARRIER GATES

NON-LRA DUAL GATES ONLY

FUNCTION **SP** "SP" SHADOW LOOP OPEN PREVENTION

OPTIONS **0F** STANDARD OPERATION SHADOW LOOP INHIBITS CLOSING ONLY
0N OPEN INHIBIT ON, SHADOW LOOP INHIBITS OPENING AND CLOSING

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

NOT FOR BARRIER GATES

FUNCTION **SS** "SS" SOFT START/STOP DURATION

OPTIONS **0F** SOFT START DISABLED
00 SET SOFT START DURATION TIME FROM 1 TO 10 SECONDS

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

FUNCTION **RT** "RT" MAXIMUM RUN TIMER

OPTIONS **99** DISPLAY SHOWS CURRENT MAXIMUM RUN TIME SETTING
00 PRESS ENTER FOR 1 SECOND
60 WHILE DISPLAY IS FLASHING, PRESS UP OR DOWN TO CHANGE THE MAXIMUM RUN TIME (10-99 SECONDS)
00 PRESS ENTER TO STORE THE VALUE

FUNCTION **ST** "ST" STAGGER DELAY TIME

OPTIONS **0F** STAGGER TIMER DISABLED
99 SET STAGGER DELAY VALUE 1 TO 99 SECONDS

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

NOT FOR BARRIER GATES

NON-LRA DUAL GATES ONLY

FUNCTION **BD** "BD" BRAKE DELAY TIME

OPTIONS **00** SET TIMER VALUE 0 TO 3 SECONDS

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

NOT FOR BARRIER GATES

FUNCTION **LP** "LP" LOW POWER MODE

OPTIONS **0F** LOW POWER MODE DISABLED
01 LOW POWER MODE #1 RADIO WILL WAKE AND ACTIVATE, REVERSE LOOP WILL JUST WAKE
02 LOW POWER MODE #2 - RADIO OR OPEN LOOP WILL WAKE AND ACTIVATE, REVERSE LOOP WILL JUST WAKE

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

THE FIRE DEPARTMENT INPUT WILL ALWAYS WAKE UP CONTROLLER

FUNCTION **CT** "CT" RESET CYCLE COUNT

PRESS ENTER TO START THE CYCLE COUNT DISPLAY

1ST DISPLAY: **00** → 2ND DISPLAY: **01** → 3RD DISPLAY: **04** → 4TH DISPLAY: **20**

EXAMPLE ABOVE SHOWS 10,420 CYCLES

DECIMAL POINT LIT ON 4TH DISPLAY

NOTE: PRESS ENTER FOR 2 SECONDS WHILE THE "CT" FUNCTION IS DISPLAYED TO RESET THE CYCLE COUNT TO ZERO

FUNCTION **SB** "SB" SINGLE BUTTON INPUT SETUP

OPTIONS **05** SINGLE INPUT WILL CYCLE OPERATOR IN ORDER OF OPEN-STOP-CLOSE-STOP
00 SINGLE INPUT WILL OPEN OPERATOR, IF OPERATOR IS ALREADY OPEN, SINGLE INPUT WILL CLOSE OPERATOR
00 PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
00 PRESS ENTER TO SELECT AN OPTION

FUNCTION **AR** "AR" AUXILIARY RELAY MODE

OPTIONS **0F** AUXILIARY RELAY DISABLED
0L AUXILIARY RELAY USED FOR MAGLOCK CONTROL
04 AUXILIARY RELAY USED FOR MAGLOCK OR SOLENOID CONTROL 3 SECOND DELAY TO RE-ENERGIZE
02 AUXILIARY RELAY USED FOR TICKET DISPENSER CONTROL
0E AUXILIARY RELAY USED FOR WARNING STROBE LIGHT
0L AUXILIARY RELAY USED FOR CONNECTION TO ALARM DEVICE

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

AUXILIARY RELAY MODE

FUNCTION **CP** "CP" CONSTANT PRESSURE MODE

OPTIONS **0F** CONSTANT PRESSURE SET TO OFF (MOMENTARY PRESSURE ON)
0P OPEN BUTTON SET FOR CONSTANT PRESSURE
0L CLOSE BUTTON SET FOR CONSTANT PRESSURE
0L OPEN AND CLOSE BUTTONS BOTH SET FOR CONSTANT PRESSURE

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

NOT FOR BARRIER GATES

CONSTANT PRESSURE MODE

FUNCTION **FS** "FS" POWER FAILURE MODE

OPTIONS **0A** SET TO FAIL SAFE MODE
0E SET TO FAIL SECURE MODE
01 SET TO OPEN IMMEDIATE MODE
0L SET TO CLOSE IMMEDIATE MODE

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

DC MODELS ONLY

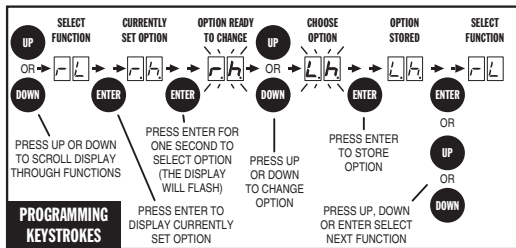
FUNCTION **MA** "MA" MAINTENANCE ALERT TRIGGER

OPTIONS **0F** DISABLES THE MAINTENANCE ALERT FUNCTION
25 SETS THIS MAINTENANCE ALERT TRIGGER FOR 5, 10, 15, OR 25 THOUSAND CYCLES
0L RESETS THE MAINTENANCE ALERT INDICATOR AND SETS THE MAINTENANCE ALERT COUNT TO ZERO

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS
PRESS ENTER TO SELECT AN OPTION

Linear PRO Access APeX-II v2.1 Gate Controller Quick Programming Guide – Advanced Programming –

PRESS UP & DOWN BUTTONS FOR 1-SECOND TO ENTER PROGRAMMING



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FUNCTION "OR"

OPTIONS

- OPEN MODE OFF
- OPEN COUNTER MODE
- OPEN SUPERVISED MODE

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS

PRESS ENTER TO SELECT AN OPTION

OPEN/RESET INPUT **NOT FOR BARRIER GATES ONLY**

FUNCTION "TG"

OPTIONS

- ANTI-TAILGATE FUNCTION DISABLED
- ANTI-TAILGATE FUNCTION ENABLED

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS

PRESS ENTER TO SELECT AN OPTION

ANTI-TAILGATE **NOT FOR BARRIER GATES ONLY**

FUNCTION "MT"

OPTIONS

- MID-TRAVEL STOP DISABLED (GATE RUNS FULL TRAVEL)
- SET LENGTH OF OPENING TIME FROM 1 TO 99 SECONDS

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS

PRESS ENTER TO SELECT AN OPTION

MID-TRAVEL STOP POSITION **NOT FOR BARRIER GATES**

FUNCTION "AT"

OPTIONS

- ANTI-TAILGATE ENABLE OFF GATE REQUIRES AUTO OR MANUAL CLOSE
- ANTI-TAILGATE ENABLE ON GATE CLOSES WHEN SHADOW LOOP CLEARS

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS

PRESS ENTER TO SELECT AN OPTION

ANTI-TAILGATE ENABLE **NOT FOR BARRIER GATES**

FUNCTION "RA"

OPTIONS

- INTERNAL RADIO RECEIVER DISABLED
- INTERNAL RADIO RECEIVER ENABLED

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS

PRESS ENTER TO SELECT AN OPTION

RADIO ENABLE

FUNCTION "TL"

ENTER

"TL" WILL BLINK FOR 30 SECONDS WHILE THE CONTROLLER IS READY TO LEARN A TRANSMITTER

ACTIVATE THE TRANSMITTER

DISPLAY WILL SHOW "-." THEN THE TRANSMITTER ID NUMBER - IF TRANSMITTER IS ALREADY ENTERED, "du" WILL BE DISPLAYED, IF DECODE IS BAD "ERROR" WILL BE DISPLAYED

LEARN TRANSMITTERS

FUNCTION "TD"

ENTER

"TD" WILL BLINK FOR 30 SECONDS WHILE THE CONTROLLER IS READY TO DELETE ONE OR MORE TRANSMITTERS. (TO EXIT WITHOUT DELETING ANY, PRESS ENTER)

ENTER

TO DELETE ALL TRANSMITTERS, PRESS ENTER FOR 2 SECONDS, OR TO PICK TRANSMITTERS GO TO NEXT STEP

UP OR DOWN

PRESS UP OR DOWN TO SCROLL THROUGH THE LIST OF TRANSMITTER ID NUMBERS

ENTER

THE TRANSMITTER ID NUMBER IS DISPLAYED (TO EXIT WITHOUT DELETING, PRESS ENTER) (TO PICK A DIFFERENT TRANSMITTER ID, PRESS UP OR DOWN)

ENTER

PRESS ENTER FOR 2 SECONDS TO DELETE THE TRANSMITTER DISPLAYED

DELETE TRANSMITTERS

FUNCTION "ML"

ENTER

PRESS ENTER, "ML" WILL BLINK FOR 30 SECONDS WHILE THE CONTROLLER IS READY TO LEARN AN MGT TRANSMITTER

ACTIVATE THE MGT TRANSMITTER. THE DISPLAY WILL FLASH "E". IF THE TRANSMITTER IS ALREADY ENTERED, "du" WILL BE DISPLAYED, IF DECODE IS BAD "ERROR" WILL BE DISPLAYED

UP OR DOWN

PRESS UP OR DOWN TO SELECT THE MGT FUNCTION: "E" = REVERSE "S" = STOP "O" = OPEN OBSTRUCTION "C" = CLOSE OBSTRUCTION

ENTER

PRESS ENTER TO ACCEPT THE SELECTION

DISPLAY WILL SHOW "--" FOR 5 SECONDS, THEN SHOW THE TRANSMITTERS ID NUMBER - REPEAT STEPS FOR SECOND MGT TRANSMITTER IF USED

LEARN MGT TRANSMITTERS

FUNCTION "MD"

ENTER

PRESS ENTER

"MD" WILL BLINK FOR 30 SECONDS WHILE THE CONTROLLER IS READY TO DELETE ALL MGT TRANSMITTERS

ENTER

TO DELETE ALL MGT TRANSMITTERS, PRESS ENTER FOR 2 SECONDS. (TO EXIT WITHOUT DELETING ANY, QUICKLY PRESS ENTER)

ENTER

THE DISPLAY WILL SHOW "DELETE ALL" AND THE CONTROLLER RETURNS TO PROGRAMMING MODE

ERASE MGT TRANSMITTERS

FUNCTION "MM"

OPTIONS

- UL 325 6TH EDITION
- MONITORS BATTERY AND CONNECTION OF MGT TRANSMITTER

2 MISSED SIGNALS RESULT IN ALARM BEEPING

MGT MONITORING FUNCTION

FUNCTION "MO"

OPTIONS

- AC MOTOR ONLY
- DC MOTOR ONLY WITH BRAKING
- DC MOTOR WITH SOFT START/STOP ALL LRA INSTALLATIONS USE D2
- 3 PHASE AC MOTOR **NOTE: SELECTION MUST MATCH MOTOR BOARD!**
- AC MOTOR PRIMARY WITH DC MOTOR BACKUP WITH BRAKING
- AC MOTOR PRIMARY WITH DC MOTOR BACKUP WITH SOFT START/STOP

PRESS UP OR DOWN TO CYCLE THROUGH OPTIONS

PRESS ENTER TO SELECT AN OPTION

MOTOR TYPE SELECTION

FUNCTION "CL"

ENTER

WHILE "CL" IS DISPLAYED, PRESS ENTER

ALL PROGRAMMED DATA WILL BE CLEARED AND THE FACTORY DEFAULTS WILL BE STORED IN MEMORY.

NOTE: THIS FUNCTION WILL NOT ERASE TRANSMITTERS, CURRENT SENSE VALUES, OR MOTOR TYPE.

RESET TO FACTORY DEFAULTS