

LIBRA UL-R PROGRAMMING MENU REFERENCE

NAVIGATION



MAIN MENU

Press **OK** twice to enter to the programming **MAIN MENU**

MAIN MENU

- PARAM
- LOGIC
- RADIO
- LANGUAGE
- DEFAULT
- AUTOSET

DISPLAY

PARAM
LOGIC
RADIO
LANGUAGE
DEFAULT
AUTOSET

DESCRIPTION

- (PARAMETERS SUB-MENU) Adjustment of all numerical values (torque, time, speed).
- (LOGIC SUB-MENU) Enabling and disabling of features.
- (RADIO SUB-MENU) Adding and deleting of radio transmitters (remotes).
- Selection of menu language (ITA - Italian, FRA - French, ENG - English, ESP - Spanish)
- Changes all Parameters, Logic and Language (Italian) settings to factory default.
- Performs Automatic torque setting for the motors.

PARAMETERS SUB-MENU

MAIN MENU

- PARAM
- LOGIC
- RADIO
- LANGUAGE
- DEFAULT
- AUTOSET

- TCA
- M1 T
- M2 T
- M1 T SLOW
- M2 T SLOW
- OPEN DELAY TIME
- CLS DELAY TIME
- M1 FAST TIME
- M2 FAST TIME
- SLOW SPEED
- ZONE

DISPLAY

TCA
M1 T
M2 T
M1 T SLOW
M2 T SLOW
OPEN DELAY TIME
CLS DELAY TIME
M1 FAST TIME
M2 FAST TIME
SLOW SPEED
ZONE

DESCRIPTION

- Timer to close** - Range: 3-60 seconds. 10
- Motor 1 torque** - Range: 1-99%. 50
- Motor 2 torque** - Range: 1-99%. Default: 50 50
- Motor 1 slowdown torque** - Range: 1-99%. 45
- Motor 2 slowdown torque** - Range: 1-99%. 45
- Motor 2 open delay time** - Range: 1.0-10 seconds. 1.0
- Motor 1 close delay time** - Range: 1.0-10 seconds. 1.0
- Motor 1 full speed run time** - Range: 1.0-30 seconds. 15
- Motor 2 full speed run time** - Range: 1.0-30 seconds. 15
- Slowdown speed** - Range: 0=Disabled, 1=50%, 2=33%, 3=25% 0
- NOT USED**

LOGIC SUB-MENU

MAIN MENU

- PARAM
- LOGIC
- RADIO
- LANGUAGE
- DEFAULT
- AUTOSET

- TCA
- 3 STEP
- IBL OPEN
- FAST CLS
- PHOTOC. OPEN
- TEST PHOT
- 1 MOT ON
- BLOC PERSIST
- START-CLOSE
- FIXED CODE
- RADIO PROG
- MASTER

DISPLAY

TCA
3 STEP
IBL OPEN
FAST CLS
PHOTOC OPEN
TEST PHOTO
1 MOT ON
BLOC PERSIST
START-CLOSE
FIXED CODE
RADIO PROG
MASTER

DESCRIPTION

- Timer to close** OFF
- Instant reverse.** Gate reverses with START input during close cycle. OFF
- Ignore START input** during the opening cycle. OFF
- Fast closing.** Gate immediately starts to close after PHOTO is cleared. OFF
- Ignore PHOTO** during the opening cycle. OFF
- Photo supervision.** Enables input 19. OFF
- Single motor operation.** Disables Motor 1. OFF
- Positive lock.** Presses for .5 seconds on close physical stop. OFF
- Close input.** Turns terminal 16 into CLOSE only input. OFF
- Fixed code.** Disables the rolling code feature on the radio receiver. OFF
- Quick remote learning.** Allows remotely setting receiver on learn mode. ON
- NOT USED**

RADIO SUB-MENU

MAIN MENU

- PARAM
- LOGIC
- RADIO
- LANGUAGE
- DEFAULT
- AUTOSET

- ADD START
- READ
- ERASE 64
- RX CODE

DISPLAY

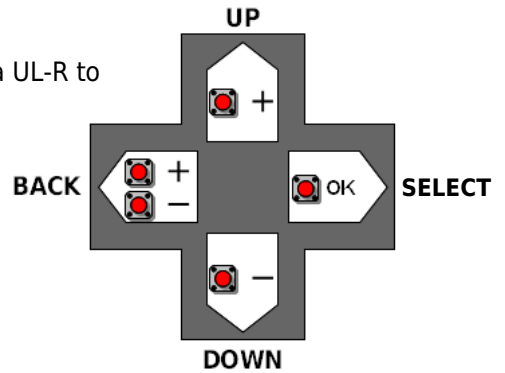
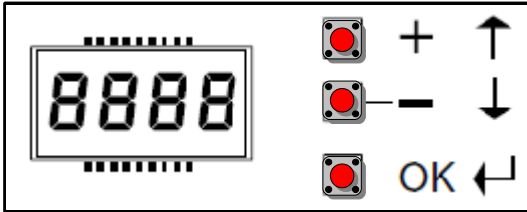
ADD START
READ
ERASE 64
RX CODE

DESCRIPTION

- Radio learn.** Programs transmitters as START input.
- Transmitter read.** Displays information about transmitter signal.
- Memory deletion.** Deletes entire receiver memory.
- Displays receiver code** for advanced programming.

NAVIGATE THE PROGRAMMING MENU

Use the LCD display and the 3 buttons on the upper right corner of the Libra UL-R to navigate and manipulate the menu. Press the **OK** button twice to start.



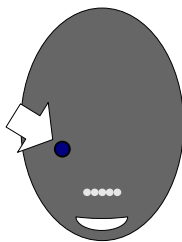
RADIO TRANSMITTER PROGRAMMING (ADD START)

- From the **MAIN MENU** select **RADIO**. `rAd io`
- From the RADIO Sub-menu select **ADD START**. `Add StArt`
- PRESS AND HOLD the **HIDDEN BUTTON** on your transmitter UNTIL THE SCREEN DISPLAYS "RELEASE". `h iddEn bÜtton` `rELeASE`
- "**DESIRED BUTTON**" should be displayed on your screen. If not go back to step 2. `dES irEd bÜtton`
- Momentarily press the button on your transmitter that you wish to operate the system with.
- OK** and the number of the memory location of the transmitter should be displayed on the screen for a short moment. If not, go back to step 2. `oK 01`
- For additional transmitters, repeat steps 2 through 6.

MAIN MENU	
PARAM	
LOGIC	
RADIO	ADD START
LANGUAGE	READ
DEFAULT	ERASE 64
AUTOSSET	RX CODE

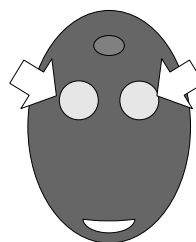
RADIO	
ADD START	HIDDEN BUTTON
READ	RELEASE
ERASE 64	DESIRED BUTTON
RX CODE	OK 01

MITTO'S HIDDEN BUTTONS



Physical hidden button
BACK OF TRANSMITTER

OR



Virtual hidden button
Both buttons at the same time
FRONT OF TRANSMITTER

SINGLE MOTOR OPERATION (1 MOT ON)

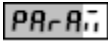




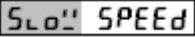

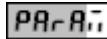
- From the **MAIN MENU** select **LOGIC**. `LoG ic`
- From the LOGIC Sub-menu select **1 MOT ON**. `1 mot on`
- Switch to **ON** by pressing the + button. `on`
- Press **OK**. `PrOg`
- Press the + and - buttons at the same time to go back to the **MAIN MENU**. `PARAm`

MAIN MENU	
PARAM	
LOGIC	TIMER TO CLOSE
RADIO	3 STEP
LANGUAGE	IBL OPEN
DEFAULT	FAST CLS
AUTOSSET	PHOTOC. OPEN
	TEST PHOT
	1 MOT ON
	BLOC PERSIST
	START-CLOSE
	FIXED CODE
	RADIO PROG
	MASTER

SETTING THE MOTOR SLOWDOWN

Prior to setting the slowdown, you must time in seconds, how long does it take for the gate to complete a stroke (from fully open to fully closed or viceversa).

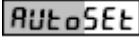



MAIN MENU	TCA
PARAM	M1 T
LOGIC	M2 T
RADIO	M1 T SLOW
LANGUAGE	M2 T SLOW
DEFAULT	OPEN DELAY TIME
AUTOSET	CLS DELAY TIME
	M1 FAST TIME
	M2 FAST TIME
	SLOW SPEED
	ZONE

1. From the **MAIN MENU** select **PARAM** (Parameters). 
2. From the PARAM Sub-menu select **M2 FAST TIME**. 
3. Set in seconds the motor's full speed running time (usually about 3 seconds less than the full stroke time).
4. Press **OK**. 
5. If 2 motors are connected, scroll up and select **M1 FAST TIME** and set the full speed run time. 
6. Press **OK**. 
7. Scroll down and select **SLOW SPEED**. 
8. Select the desired slowdown speed: 0= disabled, 1=50%, 2=33%, 3=25% (recommended)
9. Press **OK**. 
10. Press the + and - buttons at the same time to go back to the **MAIN MENU**. 

AUTOMATIC TORQUE ADJUSTMENT (AUTOSET)

WARNING - Gate path must be free of all traffic and obstructions. The system will automatically open and close the gate at full torque while performing the self-learning adjustment. Failure to do so can result in property damage and/or bodily injury including death.

MAIN MENU
PARAM
LOGIC
RADIO
LANGUAGE
DEFAULT
AUTOSET

1. Close gate completely and make sure the gears are engaged.
2. From the **MAIN MENU** select **AUTOSET**. 
3. Press **OK**. Gate will automatically open and close at full torque. 
4. Once "OK" is displayed on the screen, press **OK**. 
5. Press + and - at the same time to exit programming. 

AUTOMATIC CLOSING TIMER (TCA)

Enabling the TCA.

1. From the **MAIN MENU**, select **LOGIC**. LOGIC
2. From the LOGIC Sub-menu, select **TCA**. TCA
3. Switch **ON** by pressing the + button and then the **OK** button. Prog
4. Press the + and - buttons at the same time to go back to the **MAIN MENU**. LOGIC

MAIN MENU	TCA
PARAM	3 STEP
LOGIC	IBL OPEN
RADIO	FAST CLS
LANGUAGE	PHOTOC. OPEN
DEFAULT	TEST PHOT
AUTOSET	1 MOT ON
	BLOC PERSIST
	START-CLOSE
	FIXED CODE
	RADIO PROG
	MASTER

Adjusting the TCA time. (Default: 10 seconds)

1. From the **MAIN MENU** select **PARAM** (Parameters). PARAM
2. From the PARAM Sub-menu select **TCA**. TCA
3. Adjust the amount of seconds by using the + and - buttons.
4. Press **OK**. Prog
5. Press the + and - at the same time to go back to the **MAIN MENU**. PARAM

MAIN MENU	TCA
PARAM	M1 T
LOGIC	M2 T
RADIO	M1 T SLOW
LANGUAGE	M2 T SLOW
DEFAULT	OPEN DELAY TIME
AUTOSET	CLS DELAY TIME
	M1 FAST TIME
	M2 FAST TIME
	SLOW SPEED
	ZONE

IGNORE PHOTO INPUT DURING OPEN CYCLE (PHOTOC. OPEN)

1. From the **MAIN MENU** select **LOGIC**. LOGIC
2. From the LOGIC Sub-menu select **PHOTOC. OPEN**. PHOTOC OPEN
3. Switch **ON** by pressing the + button and then the **OK** button. Prog
4. Press the + and - at the same time to go back to the **MAIN MENU**. LOGIC

MAIN MENU	PHOTOC. OPEN
PARAM	TIMER TO CLOSE
LOGIC	3 STEP
RADIO	IBL OPEN
LANGUAGE	FAST CLS
DEFAULT	PHOTOC. OPEN
AUTOSET	TEST PHOT
	1 MOT ON
	BLOC PERSIST
	START-CLOSE
	FIXED CODE
	RADIO PROG
	MASTER