



## Detailed Linear GDO Specifications (Standard Units)

ATTRIBUTE	LCO75	LSO50	LDO50	LDO33	LDC0800
<b>STANDARD SPECIFICATIONS</b>					
Installed Length (rail for 7' door)	126.5" (rail for 7' door)	126.5" (rail for 7' door)	122" (rail for 7' door)	122" (rail for 7' door)	124.5" (rail for 7' door)
Maximum Door Opening (rail for 7' door)	7' 6"	7' 6"	7' 6"	7' 6"	7' 6"
Maximum door height with optional rails	14'	10'	10'	10'	10'
Headroom Clearance Required	1.5"	1.5"	1.5"	1.5"	1.5"
<b>CARTONS / SHIPPING INFORMATION</b>					
Number of cartons	2	2	2	2	2
<b>Carton 1 - Operator Head</b>					
Contents	Garage Door Operator Head • Deluxe Wall Station • 1 x MTR-3 remote Control • Obstacle-Sensing Beams (w/35' of wire) • Mounting Hardware • Wall Station wire (27')				
Operator Type, Dimensions, Shipping Weight	Refer to Garage Door Operator & Rail Weights, Lengths and Dimensions for Specific Product Information				
<b>Carton 2 - Operator Rail</b>					
Contents	Pre-Assembled, Pre-Tensioned T-Rail				
Rail Type, Dimensions, Shipping Weight	Refer to Garage Door Operator & Rail Weights, Lengths and Dimensions for Specific Product Information				
<b>RADIO CONTROLS</b>					
Coding System	MegaCode® • Factory coded transmitter • Learning receiver with Learn button • Keypad codes and individually removable transmitters • LED indication of RF activity				
Number of Stored Transmitters Codes Allowed	25	25	25	25	25
Frequency	318 MHz	318 MHz	318 MHz	318 MHz	318 MHz
Operating Range (Line of Sight)	150 feet (approximately)	150 feet (approximately)	150 feet (approximately)	150 feet (approximately)	150 feet (approximately)
Operating Temperature	-31F to 158F	-31F to 158F	-31F to 158F	-31F to 158F	-31F to 158F
Remote Control	1 - MTR3 narrow-band 3-button remote control	1 - MTR3 narrow-band 3-button remote control	1 - MTR3 narrow-band 3-button remote control	1 - MTR3 narrow-band 3-button remote control	1 - MTR3 narrow-band 3-button remote control
Batteries	1x 3V 2032 Lithium	1x 3V 2032 Lithium	1x 3V 2032 Lithium	1x 3V 2032 Lithium	1x 3V 2032 Lithium
Homelink Compatible	Yes	Yes	Yes	Yes	Yes
Convenience/Safety	Obstacle Sensing Beams • Emergency Quick Release • Auto trolley reconnect • Ventilation/pet positioning • Down safety reverse • Up safety stop • Door park on down direction • Noise reduction technology (LCO and LSO)				
<b>ELECTRICAL SPECIFICATIONS</b>					
Line Power	115 VAC 60 Hz	115 VAC 60 Hz	115 VAC 60 Hz	115 VAC 60 Hz	120 VAC 60 Hz
Current rating (including lights)	6.5 Amp	6.5 Amp	5.5 Amp	5.5 Amp	2.5 Amp
UL325 Listed	Yes	Yes	Yes	Yes	Yes
Length of Power Cord (3 prong)	6 foot	6 foot	6 foot	6 foot	6 foot
Logic type	Solid State Microcontroller with built in Surge Suppression	Solid State Microcontroller with built in Surge Suppression	Solid State Microcontroller with built in Surge Suppression	Solid State Microcontroller with built in Surge Suppression	Solid State Microcontroller with built in Surge Suppression
Type of lighting	Edison	Edison	Edison	Edison	Edison
Number of bulbs / LED Panels	2	2	1	1	1
Maximum wattage	2 x 100W	2 x 100W	1 x 100W	1 x 100W	1 x 100W
Length of light delay	4.5 min	4.5 min	4.5 min	4.5 min	4.5 min
Type of light delay	Solid State	Solid State	Solid State	Solid State	Solid State
<b>MECHANICAL SPECIFICATIONS</b>					
Motor Type	AC	AC	AC	AC	DC
Horsepower	3/4 HP	1/2 HP	1/2 HP	1/3 HP	800 Newtons
Thermal protection	Automatic	Automatic	Automatic	Automatic	Current Limiting
Lubrication	Permanent	Permanent	Permanent	Permanent	Permanent
Drive Means / Mechanism	Full #410 Roller Chain or Steel Reinforced Drive Belt	Full #410 Roller Chain or Steel Reinforced Drive Belt	Full #410 Roller Chain or Steel Reinforced Drive Belt	Full #410 Roller Chain or Steel Reinforced Drive Belt	Full #410 Roller Chain or Steel Reinforced Drive Belt
Door Linkage	Adjustable door arm	Adjustable door arm	Adjustable door arm	Adjustable door arm	Adjustable door arm
Force Adjustments	Independent external Up and Down	Independent external Up and Down	Independent external Up and Down	Independent external Up and Down	Electronic Auto setting, Auto Adjusting, with optional manual modification
Limit Adjustments	External adjustable Up and Down	External adjustable Up and Down	External adjustable Up and Down	External adjustable Up and Down	Electronic Internal
Travel Rate	Approx 7"/second	Approx 7"/second	Approx 7"/second	Approx 7"/second	Approx 7"/second
Chassis Material	ElectroGalvanized Steel	ElectroGalvanized Steel	ElectroGalvanized Steel	ElectroGalvanized Steel	ElectroGalvanized Steel
Rail Material	ElectroGalvanized Steel	ElectroGalvanized Steel	ElectroGalvanized Steel	ElectroGalvanized Steel	ElectroGalvanized Steel
Trolley Material	Lubrication-free Delrin®	Lubrication-free Delrin®	Lubrication-free Delrin®	Lubrication-free Delrin®	Lubrication-free Delrin®
<b>WARRANTY</b>					
Motor	Lifetime	Lifetime	Lifetime	10 year	Lifetime
Belt	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
Chain	5 year	5 year	5 year	5 year	5 year
Mechanical	5 year	5 year	5 year	5 year	5 year
Electronic	1 year	1 year	1 year	1 year	1 year



## Detailed Linear GDO Specifications (Smart Units)

ATTRIBUTE	LDCO850	LDCO852
<b>STANDARD SPECIFICATIONS</b>		
Installed Length (rail for 7' door)	124.5" (rail for 7' door)	124.5" (rail for 7' door)
Maximum Door Opening (rail for 7' door)	7' 6"	7' 6"
Maximum door height with optional rails	10'	10'
Headroom Clearance Required	1.5'	1.5'
<b>CARTONS / SHIPPING INFORMATION</b>		
Number of cartons	2	2
<b>Carton 1 - Operator Head</b>		
Contents	Garage Door Operator Head • Battery Back Up • LPWWS WiFi Wall Station • 1 x MTR3 remote Control • Obstacle-Sensing Beams (w/35' of wire) • Mounting Hardware • Wall Station wire (27')	
Operator Type, Dimensions, Shipping Weight	Refer to Garage Door Operator & Rail Weights, Lengths and Dimnesions for Specific Product Information	
<b>Carton 2 - Operator Rail</b>		
Contents	Pre-Assembled, Pre-Tensioned T-Rail	
Rail Type, Dimensions, Shipping Weight	Refer to Garage Door Operator & Rail Weights, Lengths and Dimnesions for Specific Product Information	
<b>RADIO CONTROLS</b>		
Coding System	MegaCode® • Factory coded transmitter • Learning receiver with Learn button • Keypad codes and individually removable transmitters • LED indication of RF activity	
Number of Stored Transmitter Codes Allowed	25	25
Frequency	318 MHz	318 MHz
Operating Range (Line of Sight)	150 feet (approximately)	150 feet (approximately)
Operating Temperature	-31F to 158F	-31F to 158F
Remote Control	1 - MTR3 narrow-band 3-button remote control	1 - MTR3 narrow-band 3-button remote control
Batteries	1x 3V 2032 Lithium	1x 3V 2032 Lithium
Homelink Compatible	Yes	Yes
Convenience/Safety	Obstacle Sensing Beams • Emergency Quick Release • Auto trolley reconnect • Ventilation/pet positioning • Down safety reverse • Up safety stop • Door park on down direction • Noise reduction technology (LCO and LSO)	
<b>ELECTRICAL SPECIFICATIONS</b>		
Line Power	120 VAC 60 Hz	120 VAC 60 Hz
Current rating (including lights)	2.5 Amp	2.5 Amp
UL325 Listed	Yes	Yes
Length of Power Cord (3 prong)	6 foot	6 foot
Logic type	Solid State Microcontroller with built in Surge Suppression	Solid State Microcontroller with built in Surge Suppression
Type of lighting	LED	LED
Number of bulbs / LED Panels	1	2
Maximum wattage	1000 Lumens	2000 Lumens
Length of light delay	4.5 min	4.5 min
Type of light delay	Solid State	Solid State
<b>MECHANICAL SPECIFICATIONS</b>		
Motor Type	DC	DC
Horsepower	800 Newtons	800 Newtons
Thermal protection	Current Limiting	Current Limiting
Lubrication	Permanent	Permanent
Drive Means / Mechanism	Full #410 Roller Chain or Steel Reinforced Drive Belt	Full #410 Roller Chain or Steel Reinforced Drive Belt
Door Linkage	Adjustable door arm	Adjustable door arm
Force Adjustments	Electronic Auto setting, Auto Adjusting, with optional manual modification	Electronic Auto setting, Auto Adjusting, with optional manual modification
Limit Adjustments	Electronic Internal	Electronic Internal
Travel Rate	Approx 7"/second	Approx 7"/second
Chassis Material	Electrogalvanized Steel	Electrogalvanized Steel
Rail Material	Electrogalvanized Steel	Electrogalvanized Steel
Trolley Material	Lubrication-free Delrin®	Lubrication-free Delrin®
<b>WARRANTY</b>		
Motor	Lifetime	Lifetime
Belt	Lifetime	Lifetime
Chain	5 year	5 year
Mechanical	5 year	5 year
Electronic	1 year	1 year