



Detailed GDO specifications

1-Jan-25

	LDCO801	Linear621	Linear661	LDCO841	LDCO863B	1461J
Standard Specifications:						
Dimensions						
Installed Length (rail for 7' door)	124.5"	126.5"	126.5"	125.5"	125.5"	12"
Maximum Door Opening (rail for 7' door)	7' 6"	7' 6"	7' 6"	7' 6"	7' 6"	14' (Rail not required)
Maximum door height with optional rails	10'	8'	8'	10'	10'	14' (Rail not required)
Headroom Clearance Required	2"	2"	2"	2"	2"	3"
Maximum door weight	500 lbs	350 lbs	350 lbs	500 lbs	500 lbs	850 lbs
Cartons						
Number of cartons	2	2	2	2	2	1
Carton 1 - Operator Head						Garage Door Operator Motor, Wall Station, Remote Control, Obstacle-Sensing Beams, Mounting Hardware, Shaft Adapter, Electronic Lock, Battery Accessory
Contents	Garage Door Operator Head, Wall Station, Remote Control, Obstacle-Sensing Beams, Mounting Hardware					
Dimension	17" x 14.75" x 10"	17.25" x 10.5" x 10"	17.25" x 10.5" x 10"	17.5" x 14.5" x 10"	17.5" x 16.5" x 11"	19.25" x 14.25" x 9.5"
Shipping Weight	16 lbs	17 lbs	17 lbs	20 lbs	25.5 lbs	35.5 lbs
Carton 2 - Operator Rail						
Contents	Pre-Assembled, Pre-Tensioned T-Rail					
	HCT7C	HBT7C	HCT8C	HBT8C		
Dimension	121" x 3.5" x 3.5"	121" x 3.5" x 3.5"	136" x 3.5" x 3.5"	136" x 3.5" x 3.5"		N/A
Shipping Weight	19 lbs	18 lbs	23 lbs	20 lbs		
	HCT10C	HBT10C	HCI12			
Dimension	155" x 3.5" x 3.5"	155" x 3.5" x 3.5"	190" x 5" x 5"			
Shipping Weight	27 lbs	22 lbs	54 lbs			
MegaCode Radio Controls						
Coding System	Factory coded transmitter, Learning receiver with Learn button, LED indication of RF activity					
Included Transmitter	MTS-3					
Compatible radio products	All Nice/Linear MegaCode transmitter products					
Frequency	318 MHz					
Operating Range (Line of Sight)	300 feet					250 feet
Batteries	1x 2032 Lithium Coin Cell					
Homelink Compatible	Yes					
Convenience/Safety						
Nice G.O. Smartphone App Available with Cloud support			X	X	X	X
WiFi+Bluetooth enabled multifunction wall station			X	X	X	X
Multifunction wall station	X					
Illuminated Wallbutton		X				
LED lighting		X	X	X	X	X
Battery Back Up Capable	Optional	Preinstalled	Preinstalled	Optional	Preinstalled	Included
Auto Learning, Auto adjusting forces, with manual adjustment	X	X	X	X	X	X
Soft Start/Soft Stop Operation	X	X	X	X	X	X
Noise reduction technology				X	X	
Obstacle Sensing Beams	X	X	X	X	X	X
Emergency Quick Release	X	X	X	X	X	X
Auto trolley reconnect	X	X	X	X	X	
Ventilation/pet opening	X	X	X	X	X	X
Down safety reverse	X	X	X	X	X	X
Up safety stop	X	X	X	X	X	X
Door stop on down direction	X	X	X	X	X	X
Electrical Specifications						
Power						
Line Power	120 VAC 60 Hz	100-240 VAC 50-60 Hz	100-240 VAC 50-60 Hz	115 VAC 60 Hz	115 VAC 60 Hz	115 VAC 50-60 Hz
Current rating (including lights)	2.5 Amp	1.0 A	1.0 A	3.2 Amp	3.2 Amp	1.6 A
UL325 Listed	Yes	Yes	Yes	Yes	Yes	Yes
Length of Power Cord	6 foot	8 foot included	8 foot included	6 foot	6 foot	6 foot
Logic type						
Solid State Microcontroller with built in Surge Supression						
Lighting						
Lighting type	Incandescent	LED	LED	LED	LED	LED
Number of bulbs	1	integrated LEDs	integrated LEDs	1x LED panel	3x LED panel	integrated LED
Maximum wattage	1 x 100W	50W equiv	50W equiv	100W equiv	250W equiv	100W equiv
Length of light delay	5 min	5 min	5 min	5 min	5 min	4 min
type of light delay	Solid State	Solid State	Solid State	Solid State	Solid State	Solid State
Battery Type	Optional (BBU)	Integrated 12V 5.4 Ahr	Integrated 12V 5.4 Ahr	Optional (BATT54BOX)	Integrated 12V 5.4 Ahr	Plug in PS124/US Battery
Operating Temperature						
-31F to 158F						-4F to 122F
Mechanical Specifications						
Motor						
Pull Force/Torque	800 Newtons	650 Newtons	650 Newtons	800 Newtons	800 Newtons	37 ft-lbs (50 N*m)
RPM	100	100	100	100	100	30
Thermal protection	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Lubrication	Permanent	Permanent	Permanent	Permanent	Permanent	Permanent
Drive Mechanism						
Drive Means	Full #410 Roller Chain or Steel Reinforced Drive Belt					1" shaft drive
Reduction means	Motor integrated Worm/Helical gear reduction, 30:1 ratio	Motor integrated Worm/Helical gear reduction, 30:1 ratio	Motor integrated Worm/Helical gear reduction, 30:1 ratio	Motor integrated Worm/Helical gear reduction, 30:1 ratio	Motor integrated Worm/Helical gear reduction, 30:1 ratio	Motor integrated Worm/Helical gear reduction, 30:1 ratio
Door Linkage	Adjustable door arm					
Adjustments						
Force Limit	Electronic Auto setting, Auto Adjusting, with optional manual modification	Electronic Auto setting, Auto Adjusting, with optional manual modification	Electronic Auto setting, Auto Adjusting, with optional manual modification	Electronic Auto setting, Auto Adjusting, with optional manual modification	Electronic Auto setting, Auto Adjusting, with optional manual modification	Electronic Auto setting, Auto Adjusting, with optional manual modification
Travel Rate	Approx 7"/second	Approx 6.5"/second	Approx 6.5"/second	Approx 7"/second	Approx 7"/second	Approx 7"/second
Materials						
Chassis	Electrogalvanized Steel					Die Cast Zinc
Rail	Electrogalvanized Steel					N/A
Trolley	Lubrication free Delrin					N/A
Warranty						
Motor	Lifetime					
Belt	Lifetime					
Chain	5 years					
Mechanical	5 years					
Electronics, Battery	1 year					