



**America's radio controls,
from the leader in
wireless technology.**



The Multi-Code brand is synonymous with superior, ultra-reliable radio control, as evidenced by its preference among so many installers of gate operators and systems, garage door

operators, and commercial access control systems, both for new construction and for the replacement market. Now, the same familiar, reliable RF controls you've been using are available from a dependable new source—Linear. The operative word is dependable. Linear has been a pioneer in engineered RF products and a worldwide supplier of wireless security systems, access control systems and wireless remote controls for over three decades.



**There's a Multi-Code
radio control
for every requirement.**

Radio control applications come in all sizes, and Multi-Code has an answer for every one. Single and multi-channel versions. Transmitters in a variety of case styles, including mini,

micro, and standard visor-clip/handhelds. Wall-mounted key-pads, both hardwire and wireless. With receivers to match a full range of power and installation requirements. All radio

controls offer excellent range performance and long-term reliability.

From gated communities to industrial sites; from private residences to parking lots; from single barrier arms to sophisticated gate systems, Multi-Code by Linear is in control.



Multi-Code Models At A Glance

TRANSMITTERS		RECEIVERS					
		General Purpose 1090	1099-20	1099-30	Gate 1099-40	3021	3028
General Purpose	3089	●	●	●	●	●	●
	4120	●	●	●	●	●	●
	4140	●	●	●	●	●	●
	3060	●	●	●	●	●	●
	3083	●	●	●	●	●	●
	3070	●	●	●	●	●	●
Gate	3022	●	●	●	●	●	●
Miscellaneous	4100	●	●	●	●	●	●
	4200	●	●	●	●	●	●

Miniature Transmitters

Mini Transmitters:

**Model 3060 One-Channel,
One-Button Transmitter**

**Model 3083 Two-Channel,
Two-Button Transmitter**

Micro Transmitter:

**Model 3070 One-Channel,
One-Button Transmitter**

- Test/operate LED
- Neutral case with fine grain finish
- Molded-in hole to accept keychain or keyring
- Supplied velcro strip for visor or dashboard mounting
- Two-channel model (3083) operates two independent garage doors or an automatic gate and a garage door
- Operates with all Multi-Code receivers and transmitters

Specifications

Power: long-life 12 V battery

Frequency: 300 MHz (310 MHz also available for Models 3083, 3070)

Codes: 1,024 (set by sip switches)

Dimensions: mini (2.5 x 1.5 x .625 inches); micro (2 x 1.5 x .625 inches)



Handheld Transmitters

**Model 3089 One-Channel,
One-Button Transmitter**

**Model 4120 Two-Channel,
Two-Button Transmitter**

**Model 4140 Four-Channel,
Four-Button Transmitter**

- Test/operate LED
- Neutral case color
- Molded design to comfortably fit the hand
- Easy access to battery and dip switch
- Two-channel model (4120) operates two independent garage doors or an automatic gate and a garage door; four-channel model (4140) provides control of up to four separate operations
- Operates with all Multi-Code receivers and transmitters

Specifications

Power: long-life 9 V battery

Frequency: 300 MHz (310 MHz also available)

Codes: 1,024 on one and two-channel models; four-channel features two sets of dip switches, offering 512 codes each

Dimensions: 3.75 x 2.5 x .875 inches



Gate Edge Transmitters

Model 3022 Wireless Safety Edge Transmitter

- For use with safety edges on gates and large commercial doors
- Can be used where hard wires are impractical
- Easy to install and mount
- More economical than coil/cord sets

Specifications

Power: 9 V battery

Frequency: 300 MHz (310 MHz also available)

Codes: 1,024 (set by dip switches)

Dimensions: 4 x 4.28 x 2.22 inches



Wall-Mounted Lighted Keypads

Model 4200 Wireless Keypad

- Tamper-resistant and weatherproof
- Easy mounting with two screws
- 12-button, alphanumeric keypad
- LED mode indicator
- Operates with all Multi-Code receivers

Specifications

Power: 9 V battery

Codes: 4-digit PIN code access

Frequency: 300 MHz (310 MHz also available)

Dimensions: 2.75 x 6.25 x 1 inches



4100 Series Hard-Wired Keypads

- Choice of models with independent power supply for operation of many different openers
- Tamper-resistant and weatherproof
- Easy mounting with two screws
- 12-button, alphanumeric keypad
- Operates with all Multi-Code receivers

Specifications

Available Models:

- Model 4100-05: 24 Vac without transformer, relay output, input voltage of 18 to 33 volt ac at 75 mA min
- Model 4100-15: 24 Vac with transformer, relay output, input voltage of 18 to 33 volt ac at 75 mA min

Codes: 4-digit PIN code access

Switching Voltage: 30 volts at 1 amp ac or dc max

Dimensions: 2.5 x 6.0 x 1 inches



Receivers

Model 1090 General Purpose Digital Receiver

- Exclusive two-way lugs fit under terminal screws or accept push-on terminals in remote sites
- 11-inch wire antenna supplied
- Three tabs for universal operator mounting

Specifications

Power: for connection to any three-terminal 24 V operator (for higher voltages, consult factory); no need for separate transformer or adapter

Frequency: 300 MHz (310 MHz also available)

Codes: 1,024 (set by dip switches)

Dimensions: 3 x 5.5 x 1.5 inches



1099 Series Gate Receivers

- For use inside metal enclosures and in other applications requiring stronger signal reception
- Antenna with coaxial connector supplied
- Three models for varying power inputs
- 1 amp output @ 30 Vac maximum on relay contacts

Specifications

Available Models:

- a. Model 1099-20: 115 Vac, transformer input (included)
- b. Model 1099-30: 24 V input
- c. Model 1099-40: 12 V input

Frequency: 300 MHz (310 MHz also available for Model 1099-30)

Codes: 1,024 (set by dip switches)

Dimensions: 5.25 x 3.625 x 1.5 inches



Model 3021 Heavy-Duty Commercial Gate Receiver

- For any application requiring two channels in one location — 512 codes each channel
- Up-down, open-emergency-stop, and other functions
- For heavy-duty operation
- Cabinet meets NEMA 13, JIC specs
- Two-channel relay output, N/O, N/C, Common — rated 1 amp @ 30 Vac max

Specifications

Power: 24 Vac $\pm 10\%$ power

Frequency: 300 MHz

Codes: 1,024 total (set by dip switches); 512 codes each of two channels

Dimensions: 6 x 8 x 4 inches



Model 3028 Light-Duty Commercial Gate Receiver

- Identical to Model 3021, except for enclosure
- Housed in light, stamped steel cabinet
- Ideal for sites with dual-channel requirement and a protected environment

Specifications

Power: 24 Vac $\pm 10\%$ power

Frequency: 300 MHz (310 MHz also available)

Codes: 1,024 total (set by dip switches); 512 codes each of two channels

Dimensions: 6 x 8 x 2 inches



Accessories

Model 1066 Coaxial Cable

- For use with all 1099, 3021, and 3028 series receivers
- Includes 16 feet of coaxial cable with F-type connectors at both ends, plus a BNC to F-type adapter and a 5.25-inch mounting bracket with a 2.5-inch outward extension

Model 1092-01 115 V Adapter Harness with Old Style Terminal Block

- For use in applications with an older receiver (with terminal lugs rather than spades)
- Includes six feet of wire, adapter to block, as well as installation instructions
- 115 Vac transformer input
- Rated 1 amp @ 30 Vac maximum on relay contacts

Model 1092-06 24 Volt Adapter with Push/On Connection

- For remote mounting where operator supplies 24V power to radio through three terminal screws
- Push-on connectors at the radio and lugs for operator terminal screws
- Includes three feet of wire

Model 1092-07 115 V Adapter Harness with Push/On Connection

- For installations requiring a 115 Vac adapter
- Quick connection to 1090 receiver spade lugs (with lug connections for operator pushbutton terminals)
- Includes six feet of wire (adapter to lug)
- 115 Vac transformer input
- Rated 1 amp @ 30 Vac maximum on relay contacts

Linear®

2055 Corte Del Nogal, Carlsbad, CA 92009
(760) 438-7000 (800) 421-1587 Fax (800) 468-1340
www.linearcorp.com • www.multi-code.com