

# 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

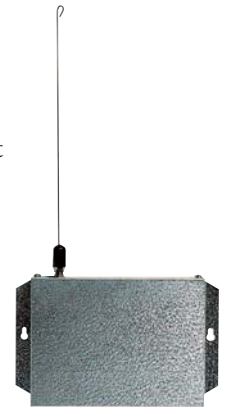
### Specifications

**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

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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		Gate			
		1090	1099-20	1099-30	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

