



July 2011
C-Gate Entry Systems, Ltd.
(419) 843-2990 phone
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Radio Remote Controls

- **LINEAR Radio**
- **Multi Code Radio**
- **Allstar / Allister / Pulsar**
- **Albano, long distance radios**
- **LINEAR “smart” radios**
- **True Long Distance Radio Controls**



Radio Control

Installation / application notes

Re-Using a customer's radio receiver

- When re-using a customer's radio receiver (because it is unique, etc.) ALWAYS add a separate transformer for receiver power. Certain operators (like OSCO) will not accept an AC powered receiver unless the power supply is separate from the control circuit.

Residential Radio Remote Control

- Multi Code Radio equipment is typically used for residential applications. Additionally, the Multi Code radio (wireless) key pad gives greater flexibility of 4 digit code choice over the Linear format. With the Linear, the access code is the same as the DIP switch setting, excluding 0 & 9 and must be entered in descending order with no repeat numbers (852, 761, etc.). The Multi Code allows any 4 digit code combination.

Commercial Radio Control

- We usually use LINEAR / Delta radio equipment for commercial applications.

Added Security

- Multi Code & LINEAR / Delta radio equipment are both the older "DIP" switch technology. If a higher level of security is required, consider using "Smart" radio controls, shown later in this catalog.

Pulsar, etc.

- Pulsar & Allister radio controls are now **Allstar** (which is owned by LINEAR Corp.). Older remotes have been replaced by the **Allstar Classic** Transmitter which is only available as a 3 button remote. It replaces the following:

9921T	9931T	8822T	8832T	8833T	9921MT
9931MT	9921TK	9931TK	8832TK	9931TK6	

It is also compatible with their new MVP format.



Radio Control

Installation / application notes

Stanley

- STANLEY remotes are phasing out but there are still a lot out there. When ordering STANLEY transmitters for a customer, use the Chamberlain Tri-Code transmitters which are available in single (TC-1), two (TC-2) & four (TC-4) button versions.

Two Channel Receivers

- The use of two channel receivers would seem to make sense, especially in applications where you have the need for both radio remote gate control and a safety “bump” edge. The problem as we see it is that if the receiver fails, you lose both safety AND remote control. For the few dollars more, separate radio receivers will better serve the customer.

Built In radio receivers

- Additionally, many TelEntry devices, such as the LINEAR RE-1 now have built in radio receivers. For the same reason as above, it is still always best to add an independent radio receiver. If a residence has only an RE-1 and remotes as a means of entry and the RE-1 fails, they can still get in their gate if the remote is independent of the RE-1. In this instance, the customer might want to consider using MEGA Code remotes with the RE-1 for their lawn service, snow removal person, etc. In this manner, they can easily track when the gate was accessed and by whom.

Albano Long Distance Radios

- Albano long distance equipment is very unique. They offer single channel (R-1) & dual channel receivers (R-2), as well as one button & two button remotes. A one button remote will only activate an R-1 receiver OR the B relay of an R-2. On a two button remote, the right hand button will activate the relay of an R-1 OR the B relay of an R-2. The left hand button will ONLY activate the A relay of an R-2.



Radio Control

Installation / application notes

Albano (continued)

The Albano manuals & literature say the operating range is 12-24 vdc or 16-24 vac BUT it operates best on 12 vdc. For this reason, the R-1 & R-2 “sets” include an SMP-3 filtered power supply. If selling a receiver only, add SMP-3.

- Radio Frequency Chart:

<u>Multi Code</u>	300 MHz	<u>LINEAR</u>	310MHz
<u>Mega Code</u> (by LINEAR)	318 MHz (this is a “smart” format)		
<u>Stanley</u> (But not interchangeable with LINEAR)	310 MHz	<u>Genie</u>	390 MHz
<u>Allstar</u> (But not interchangeable with Mega Code by LINEAR)	318 MHz		
<u>Heddolf</u> (Not interchangeable with Mega Code by LINEAR) (They also make formats compatible with just about ALL mfrs)	318 MHz (318 is their standard format)		
<u>LIFTMASTER</u>	(They make radio controls in a host of formats. ALWAYS check the format when trying to match a customer’s existing remotes.)		



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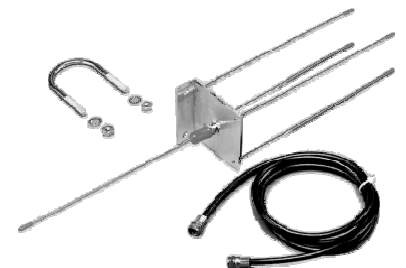
Delta 3/Linear 8 DIP switch



Item		MSRP
Single Button Transmitter	Visor Mount	
LINEAR DT		\$28
TC-1, Tri Code		\$26
Mini Single Button Transmitter (small quantities in stock) Lady Bug	Key Chain	\$28
Two-Button Transmitter, LINEAR-DT2	Visor Mount	\$39
TC-2, Tri Code	Visor Mount	\$35
Four-Button Transmitter (special order) LINEAR – DT4	Visor Mount	\$55
Single Channel Receiver - LINEAR		
Includes Coaxial Antenna	12 -24 ac/dc	\$120
Tri Code Receiver, single channel	12 -24 ac/dc	\$90
Two-Channel Receiver		
Includes Coaxial Antenna (special order)	12 -24 ac/dc	\$140
Tri Code Receiver, two channel (special order)	12 -24 ac/dc	\$120
Gate Edge Transmitter - LINEAR		
Mounts on Gate near Safety Edge		\$120
Tri-Code Edge Transmitter		\$90
Coaxial Antenna Only		\$9
Coax 'F' Connector		\$4
"Sputnik" Antenna (Extra Range)		\$110
20 ft. Coaxial Antenna Assembly		\$32



Assembly



"Sputnik" Antenna



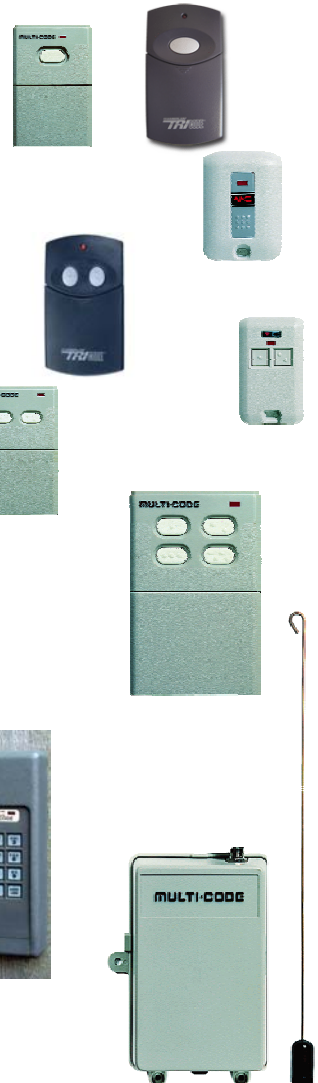
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Radio Controls



Multi Code 10 DIP Switch

Item		MSRP
Single Button Transmitter	Visor Mount	
Multi Code 3089		\$28
TC-1, Tri Code		\$26
Mini Single Button Transmitter, 3070	Key Chain	\$28
Two-Button Transmitter, M/C 4120	Visor Mount	\$39
TC-2, Tri Code	Visor Mount	\$35
Mini Two-Button Transmitter, 3083	Key Chain	\$43
Four-Button Transmitter	Visor Mount	\$55
Radio Keypad "Transmitter"		
Single Code, Changeable		
Wireless, Requires Receiver Below		\$75
Single Channel Receiver, Multi Code		
Includes Coaxial Antenna	12 -24 ac/dc	\$120
Tri Code Receiver, single channel	12 -24 ac/dc	\$90
Two-Channel Receiver, Multi Code		
Includes Coaxial Antenna	12 -24 ac/dc	\$140
Tri Code Receiver, two channel	12 -24 ac/dc	\$120
(2-Channel Receivers, non stock items)		
Gate Edge Transmitter – Multi Code		
Mounts on Gate near Safety Edge		\$120
Tri-Code Gate Transmitter		\$90
Coaxial Antenna Only		\$9
Coax 'F' Connector		\$4
20 ft. Coaxial Antenna Assembly		\$32



Assembly



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Albano Long Distance Radios

Item	MSRP
Up to 1500' range Albano	
T-1 Single Button Transmitter ✚ Hand Held, Not a Visor Mount	\$85
R-1 Single Channel Receiver ✚ 12 Volts, dc ✚ Includes 8 pin plug-in base, 4' coax, SMP-3 & tuned antenna	\$390
R-1 Receiver Only	\$220
T-2 Two-Button Transmitter ✚ Hand Held, Not a Visor Mount	\$95
NOTE: T-2 transmitter requires an R-2 receiver in each device to be controlled	
R-2 Two-Channel Receiver ✚ 12 Volts, dc ✚ Includes 8 pin plug-in base, 4' coax, SMP-3 & tuned antenna	\$435
R-2 Receiver Only	\$270
8 Pin Plug-In Base	\$15
Tuned Antenna Only	\$90
4 ft. Coax, Pre-Terminated	\$25
20 ft. Coax, Pre-Terminated (special order)	\$82
Filtered 12 VDC Power Supply ✚ 24 VAC input (SMP-3)	\$95
24 VAC plug in trans. for above	\$32
Ground Rod with Clamp (for use with above)	\$38





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All Star/Allister/Pulsar

NOTE: Any Allstar Products are Special Order

Item		MSRP
Single Button Transmitter	Visor Mount	\$28
Mini Single Button Transmitter	Key Chain	\$31
Two-Button Transmitter	Visor Mount	\$39
Three-Button Transmitter	Visor Mount	\$48
MVP 3-Button Transmitter (Replaces many older models)	Visor Mount	\$35
Single Channel Receiver		
✚ Includes Coaxial Antenna	24 VAC	\$95
Two-Channel Receiver		
✚ Includes Coaxial Antenna	24 VAC	\$105
Three-Button Transmitter		
✚ Open/Stop/Close	Visor Mount	\$60
Three-Channel Receiver		
✚ Open/Stop/Close		
✚ Includes Coaxial Antenna	24 VAC	\$125
Single Channel Receiver		
✚ Includes Coaxial Antenna	12 VDC	\$99



New "family" of Products



"Old" style transmitters.
Color may be beige, grey or black.



ORDERING NOTES:

There are many models. Get as much information as you can. We will NOT order any Allstar equipment without the exact model number of the equipment needed!



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Radio Controls



SMART Radio Controls

Item

MSRP

Access Pro Controller (AP-5) Radio Receiver

\$162

- + Supports up to 320 radio remote transmitters (including MDKP) & 6 MGT supervised safety edge transmitter.
- + Everyone's transmitter is unique and can be easily added or deleted from the system.
- + Programmed at the controller.



Single Button Transmitter

\$32

- + MT-1B
- + Visor Mount

Quantity of 20 @
\$29

Two-Button Transmitter

- + MT-2B
- + Visor Mount

\$38



Mini Single Button Transmitter

\$33

- + ACT-31B
- + Key Chain

Mini Four-Button Transmitter

\$40

- + ACT-34B
- + Key Chain

NOTE: ACT-31B & ACT 34-B transmitters also work with LINEAR RE-1.



MDKP Wireless Key Pad (Transmitter)

\$295

MGT Supervised Gate Edge Transmitter

\$140



Gooseneck Pedestal (for MDKP)

\$125

Shipping Box for pedestal

\$10





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TRUE long distance radio

Up to two (2) miles, line of sight!



Item		MSRP
Hand Held Transmitter	1 Button (channel)	\$375
	2 Button (channel)	\$388
	4 Button (channel)	\$399
Stationary Transmitter (requires a push button control)	1 channel	\$330
	4 channel	\$345
Single Push Button (required with stationary unit)		\$95
Single Channel Receiver ✚ Requires Antenna, below	12 VDC	\$343
	Four-Channel Receiver ✚ Requires Antenna, below (special order)	\$399
7" Antenna		\$40
Right angle antenna connector		\$20
36" Whip antenna		\$75
12 VDC power supply (required for stationary Transmitters & receivers)		\$55

