

# Wireless Remote Hand Control



## Quick Specs



### Industrial Applications

Construction  
Manufacturing  
Fabrication  
Plant Maintenance

### Processes

Stick (SMAW)  
TIG (GTAW)  
Pulsed TIG (GTAW-P)  
Flux-Cored (FCAW)\*  
MIG (GMAW)\*

\*Only with voltage-sensing feeder.

**Operating Range** 300 ft. (91 m)

**Communication** 2.4 Ghz Radio Frequency (ISM Band)

**Input Power** **Transmitter:** (3) AA Batteries  
**Receiver:** Miller 14-Pin Receptacle

**Weight** 0.8 lb. (0.4 kg)

### Improves weld quality.

Operators can easily adjust their machines to optimize the parameters for different joint configurations, electrodes, and wire types and sizes.

**Improves safety** by eliminating control cord and reducing potential trip hazard.

**Reduces maintenance time and cost.** No cord repairs.

**Multiple frequency sharing** allows up to 20 systems to operate in a 90-foot (27.4 m) radius with accuracy and precision — and without delay, system interference, or crosstalk.

**Easy-to-install receiver** plugs directly into the 14-pin receptacle of Miller machines. See chart on page 2.

**Easily programmable.** Control can be quickly and easily paired with any other Miller 14-pin wireless receiver. (Control is preprogrammed when purchased with the receiver.)



### Comes complete with:

- Wireless hand control transmitter
- Wireless 14-pin receiver
- Battery box with three AA batteries
- Belt clip
- Owner's manual

**Improves productivity** by allowing parameter adjustments up to 300 feet (91 m) away from welder without returning to the machine or calling for assistance.

**Smart Touch™ buttons** increase or decrease machine parameters in 1 or 5 percent increments, for quick and accurate adjustments.

**Digital meter display** allows presetting percentage of machine output before welding, and viewing amperage and voltage while welding.

**High-visibility color** makes hand control easy to locate on the jobsite.



Warranted for 1 year, parts and labor.



**Miller Electric Mfg. Co.**  
An ITW Welding Company  
1635 West Spencer Street  
P.O. Box 1079  
Appleton, WI 54912-1079 USA

**Equipment Sales US and Canada**  
Phone: 866-931-9730  
FAX: 800-637-2315  
International Phone: 920-735-4554  
International FAX: 920-735-4125

**MillerWelds.com**



# Specifications (Subject to change without notice.)

Component	Power Supply	Battery Life	Rated Range*	Temperature	Radio Frequency	RF Power	Antenna	Dimensions	Weight
Hand control (transmitter)	Three AA batteries	250 hours	300 ft. (91 m)	-13° F to +158° F (-25° C to +70° C)	2.4 Ghz (ISM Band)	<3 mW	Internal	H: 5 in. (127 mm) W: 2.75 in. (70 mm) D: 1.375 in. (35 mm)	0.6 lb. (0.27 kg) w/batteries
14-pin receiver	10–35 V AC or DC	N/A						D: 3.5 in. (89 mm) Dia: 1.5 in. (38 mm)	0.16 lb. (0.07 kg)

\*Some applications are not suitable for wireless communication. Keep in mind that the rated range is subjective, and depends on factors such as obstructions, frequency interference, transmission technology, and weather. The figures listed assume ideal conditions are present.

FCC ID: LW9-Miller-HC (hand control) and LW9-Miller-RX (receiver) Canada IC: 2119B-MillerHC (hand control) and 2119B-MillerRX (receiver)

## Recommended Machines

The Wireless Remote Hand Control is recommended for use with the following Miller power sources:

- Maxstar® 200<sup>1</sup>/280/280 DX/350/700
- Dynasty® 200/280/280 DX/350/700
- Gold Star® Series
- CST™ 280/CST™ 280 Rack
- XMT® Series<sup>2</sup>/XMT Rack<sup>2</sup>
- Dimension™ Series
- Trailblazer® 275/325/325 Diesel
- Trailblazer® 302 Air Pak™
- Big Blue® 350 PipePro<sup>3</sup>
- Big Blue® 400 Pro<sup>3</sup>/500 Pro<sup>3</sup>
- Big Blue® 450 Duo CST™<sup>3</sup>
- Big Blue® 800 Series<sup>3</sup>

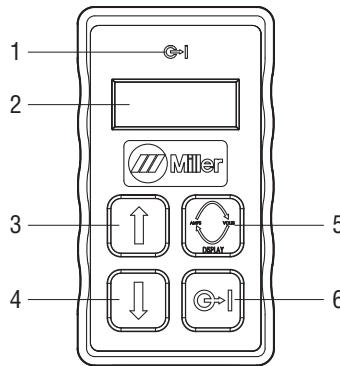
<sup>1</sup>Excludes Maxstar® 200 STR

<sup>2</sup>Excludes XMT® 350 VS, 350 VS ArcReach and 450 VS ArcReach

<sup>3</sup>Requires Wireless Antenna Kit #300 749

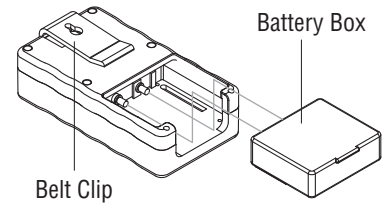
Note: If your machine is not listed, visit [MillerWelds.com/wireless](http://MillerWelds.com/wireless) to check compatibility.

## Control Panel



1. Output ON LED Indicator
2. Digital Display
3. Increase Button
4. Decrease Button
5. Display Screen Button (P=%, A=Amps, V=Volts)
6. Output Contactor On/Off

## Genuine Miller® Parts



### Belt Clip #249 233

Replacement clip allows convenient attachment of the control to your belt.  
(Order from Miller Service Parts.)



### Battery Box #249 297

Replacement quick-change battery box for easy, no-tool battery change.  
(Order from Miller Service Parts.)

## Ordering Information

Equipment	Stock No.	Description	Qty.	Price
Wireless Hand Control and 14-Pin Receiver	#300 430	System		
Wireless Hand Control	#300 723	Sold individually		
Wireless 14-Pin Receiver	#300 722	Sold individually		
<b>Parts</b>				
Belt Clip	#249 233	Replacement. Order from Miller Service Parts		
Battery Box	#249 297	Replacement. Order from Miller Service Parts		
Adapter Cord (for Maxstar 150 and Multimatic)	#300 507	6-pin male, 14-pin female. 1-ft. (0.3 m) long		
Wireless Antenna Kit	#300 749	Required for PRO series engine drives. Optional on other compatible Miller products where improved reception is desired		

Date:

Total Quoted Price:

Distributed by:

