

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:** (4) AA batteries
Receiver: Miller 14-pin receptacle

Weight 0.85 lb. (0.39 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 paired with Miller 14-pin wireless receiver. (Control is preprogrammed when purchased with the receiver, and is not compatible with previous versions of the wireless receiver.)



Comes complete with:

- Wireless hand control transmitter with impact-resistant rubber cover
- Wireless 14-pin receiver
- Four AA batteries
- Carabiner 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.

Removable impact-resistant rubber cover for transmitter provides protection and durability.



Warrantied for one year, parts and labor.



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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)	Four AA batteries	1,500 hours	300 ft. (91 m)	-13° to +122°F (-25° to +50°C)	2.4 Ghz (ISM band)	<6.31 mW	Internal	H: 4.9 in. (125 mm) W: 3 in. (76 mm) D: 1.7 in. (44 mm)	0.85 lb. (0.39 kg) w/batteries
14-pin receiver	10–35 V AC or DC	N/A						L: 3.1 in. (80 mm) Dia: 1.8 in. (46 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: 2ASZL-301583 (hand control) and QOQBGM13P (receiver) Canada IC: 24958-301583 (hand control) and 5123A-BGM13P (receiver)

Recommended Machines

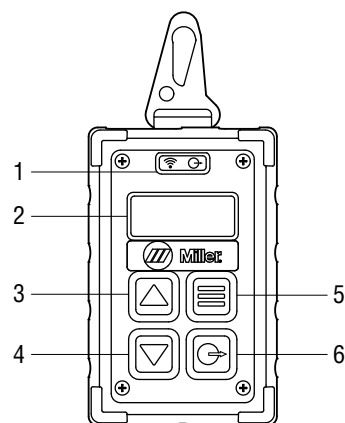
The Wireless Remote Hand Control is recommended for use with the following Miller power sources:

- Dynasty® 210
- Dynasty® 300 and 300 Multiprocess
- Dynasty® 400
- Dynasty® 800
- Maxstar® 210 and 210 DX
- Maxstar® 280, 280 DX and 280 Multiprocess
- Maxstar® 400
- Syncrowave® 300
- Syncrowave® 400
- CST™ 282 and 282 Rack
- Multimatic® 220 AC/DC, 235 and 255
- XMT® Series and Racks
- Trailblazer® 330, 330 Diesel and 330 Air Pak™
- Big Blue® 400 PipePro®*
- Big Blue® 400 Pro* and 500 Pro*
- Big Blue® 450 Duo CST™*
- Big Blue® 600 Series* and 800 Series*

*Antenna Kit **300749** is recommended.

Note: If your machine is not listed, visit MillerWelds.com/wireless to check compatibility.

Control Panel



1. Pairing and 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

Ordering Information

Equipment	Stock No.	Description	Qty.	Price
Wireless Hand Control and 14-Pin Receiver	301582	System		
Wireless Hand Control	301583	Sold individually		
Wireless 14-Pin Receiver	301584	Sold individually		
Parts				
14-Pin to 6-Pin Adapter Cord	300507	1 ft. (0.3 m) cord with 6-pin male and 14-pin female. For use with Maxstar® 161 STL, 161 STH and Multimatic® 200		
Wireless Antenna Kit	300749	Recommended for Big Blue engine drives. Optional on other compatible Miller products where improved reception is desired		

Date:

Total Quoted Price:

Distributed by:

