



MEGA SERIES TIME DISPLAYS

800-295-0220

600 N. River Street • Derby, Kansas 67037 • 316-788-2000 • Fax 720-293-9393 • sales@brgproducts.com • www.brgprecision.com



BRG Precision Mega series time displays are our entry level industrial displays. Designed to be highly accurate in a standalone configuration.

Time Zone Parameters

The Mega series of time displays is able to accurately show the time for any location in the world. Twenty five time zone offsets (+13 to -12 hours UTC) to accommodate locations such as Samoa, daylight savings rules with the ability for differing start hour, and incremental time zones from 0-60 minutes are all programmable.

Time Accuracy

Every display includes a high accuracy crystal oscillator option that provides 10 sec per year accuracy set at the factory. An internal 10 year lithium battery keeps time during shipment and power outages. The battery maintains the time but will not power the displays when power is removed. A set of membrane buttons located on the back of the unit allow adjustment of the time and various parameter changes. Please see our Tiger series of displays if increased accuracy is required by adding a Atomic Time Receiver. For synchronized clock applications see our Duratime 2.4GHz wireless (RC series), Serial Wire (SW series), Ethernet (EN series), or PoE (PE series).

Mounting and Power

The BRG series of single sided digital clocks are surfaced mounted using secure eyelets and hardware provided with the unit. Ceiling and wall mounting methods are available for multi sided displays. Various power options can be specified including USA, UK, European, and Australian plugs.

Display Formats

Up to 13 time and date formats are available to show what you need to see on the display. Formats include Hours, Minutes, Seconds, Blinking Colons, Year, Month / Day (American or European), Blank, Decimal Minutes, Temperature in either Fahrenheit or Celsius (Requires optional temperature sensor), Leading Zero's, and of course 12 or 24 hour format.



BRG625 showing Hours:Minutes and Seconds



BRG825 showing Hours:Minutes and Date



4 DIGIT INDOOR TIME DISPLAYS

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Model	Height	Display		Sides	Viewing Distance	Dimensions			Price MSRP
		Color	Type			H	W	D	
BRG418	1.8	Red	Bar Segment	1	40 ft	6.25	12.25	2.25	\$ 166
BRG418-2S	1.8	Red	Bar Segment	2	40 ft	6.25	12.25	4.50	\$ 412
BRG418-4S	1.8	Red	Bar Segment	4	40 ft	6.25	16.50	16.50	\$ 902
BRG418BLU	1.8	Blue	Bar Segment	1	40 ft	6.25	12.25	2.25	\$ 214
BRG418BLU-2S	1.8	Blue	Bar Segment	2	40 ft	6.25	12.25	4.50	\$ 556
BRG418BLU-4S	1.8	Blue	Bar Segment	4	40 ft	6.25	16.50	16.50	\$ 1,094
BRG418GRN	1.8	Green	Bar Segment	1	40 ft	6.25	12.25	2.25	\$ 214
BRG418GRN-2S	1.8	Green	Bar Segment	2	40 ft	6.25	12.25	4.50	\$ 556
BRG418GRN-4S	1.8	Green	Bar Segment	4	40 ft	6.25	16.50	16.50	\$ 1,094

BRG425	2.5	Red	Bar Segment	1	75 ft	6.25	12.25	2.25	\$ 209
BRG425-2S	2.5	Red	Bar Segment	2	75 ft	6.25	12.25	4.50	\$ 495
BRG425-4S	2.5	Red	Bar Segment	4	75 ft	6.25	16.50	16.50	\$ 1,064
BRG425BLU	2.5	Blue	Bar Segment	1	75 ft	6.25	12.25	2.25	\$ 280
BRG425BLU-2S	2.5	Blue	Bar Segment	2	75 ft	6.25	12.25	4.50	\$ 639
BRG425BLU-4S	2.5	Blue	Bar Segment	4	75 ft	6.25	16.50	16.50	\$ 1,353
BRG425GRN	2.5	Green	Bar Segment	1	75 ft	6.25	12.25	2.25	\$ 280
BRG425GRN-2S	2.5	Green	Bar Segment	2	75 ft	6.25	12.25	4.50	\$ 639
BRG425GRN-4S	2.5	Green	Bar Segment	4	75 ft	6.25	16.50	16.50	\$ 1,353

BRG440	4.0	Red	Bar Segment	1	100 ft	8.25	15.25	2.25	\$ 269
BRG440-2S	4.0	Red	Bar Segment	2	100 ft	8.25	15.25	4.50	\$ 594
BRG440-4S	4.0	Red	Bar Segment	4	100 ft	8.25	19.50	19.50	\$ 1,246
BRG440BLU	4.0	Blue	Bar Segment	1	100 ft	8.25	15.25	2.25	\$ 365
BRG440BLU-2S	4.0	Blue	Bar Segment	2	100 ft	8.25	15.25	4.50	\$ 786
BRG440BLU-4S	4.0	Blue	Bar Segment	4	100 ft	8.25	19.50	19.50	\$ 1,631
BRG440GRN	4.0	Green	Bar Segment	1	100 ft	8.25	15.25	2.25	\$ 365
BRG440GRN-2S	4.0	Green	Bar Segment	2	100 ft	8.25	15.25	4.50	\$ 786
BRG440GRN-4S	4.0	Green	Bar Segment	4	100 ft	8.25	19.50	19.50	\$ 1,631

BRG470	7.0	Red	Bar Segment	1	300 ft	9.87	30.25	2.25	\$ 594
BRG470-2S	7.0	Red	Bar Segment	2	300 ft	9.87	30.25	4.50	\$ 1,315
BRG470-4S	7.0	Red	Bar Segment	4	300 ft	9.87	34.50	34.50	\$ 2,552
BRG470UR	7.0	Red	Ultra Bright	1	400 ft	9.87	30.25	2.25	\$ 678
BRG470UR-2S	7.0	Red	Ultra Bright	2	400 ft	9.87	30.25	4.50	\$ 1,477
BRG470UR-4S	7.0	Red	Ultra Bright	4	400 ft	9.87	34.50	34.50	\$ 2,857

BRG4120	12.0	Red	Ultra Bright	1	600 ft	14.75	47.25	2.25	\$ 954
BRG4120-2S	12.0	Red	Ultra Bright	2	600 ft	14.75	47.25	4.50	\$ 1,909

BRG4180	18.0	Red	Ultra Bright	1	800 ft	20.25	58.25	2.25	\$ 1,345
BRG4180-2S	18.0	Red	Ultra Bright	2	800 ft	20.25	58.25	4.50	\$ 2,690

Note

Standard bar segment LED's are unable to overcome direct sunlight. Ultra bright LED's will overcome direct sunlight for large open areas such as auditoriums or warehouses. NEMA4x enclosures are available if moisture resistance is required.



6 DIGIT INDOOR TIME DISPLAYS

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Model	Display				Sides	Viewing Distance	Dimensions			Price MSRP
	HH:MM Height	Seconds Height	Color	Type			H	W	D	
BRG618	1.8	1.8	Red	Bar Segment	1	40 ft	6.25	13.75	2.25	\$ 257
BRG618-2S	1.8	1.8	Red	Bar Segment	2	40 ft	6.25	13.75	4.50	\$ 611
BRG618BLU	1.8	1.8	Blue	Bar Segment	1	40 ft	6.25	13.75	2.25	\$ 353
BRG618BLU-2S	1.8	1.8	Blue	Bar Segment	2	40 ft	6.25	13.75	4.50	\$ 804
BRG618GRN	1.8	1.8	Green	Bar Segment	1	40 ft	6.25	13.75	2.25	\$ 353
BRG618GRN-2S	1.8	1.8	Green	Bar Segment	2	40 ft	6.25	13.75	4.50	\$ 804

BRG625	2.5	1.8	Red	Bar Segment	1	75 ft	6.25	16.25	2.25	\$ 314
BRG625-2S	2.5	1.8	Red	Bar Segment	2	75 ft	6.25	16.25	4.50	\$ 668
BRG625BLU	2.5	1.8	Blue	Bar Segment	1	75 ft	6.25	16.25	2.25	\$ 434
BRG625BLU-2S	2.5	1.8	Blue	Bar Segment	2	75 ft	6.25	16.25	4.50	\$ 908
BRG625GRN	2.5	1.8	Green	Bar Segment	1	75 ft	6.25	16.25	2.25	\$ 434
BRG625GRN-2S	2.5	1.8	Green	Bar Segment	2	75 ft	6.25	16.25	4.50	\$ 908

BRG640	4.0	2.5	Red	Bar Segment	1	100 ft	8.25	19.75	2.25	\$ 393
BRG640-2S	4.0	2.5	Red	Bar Segment	2	100 ft	8.25	19.75	4.50	\$ 829
BRG640BLU	4.0	2.5	Blue	Bar Segment	1	100 ft	8.25	19.75	2.25	\$ 562
BRG640BLU-2S	4.0	2.5	Blue	Bar Segment	2	100 ft	8.25	19.75	4.50	\$ 1,164
BRG640GRN	4.0	2.5	Green	Bar Segment	1	100 ft	8.25	19.75	2.25	\$ 562
BRG640GRN-2S	4.0	2.5	Green	Bar Segment	2	100 ft	8.25	19.75	4.50	\$ 1,164

BRG670	7.0	7.0	Red	Bar Segment	1	300 ft	9.88	47.75	2.25	\$ 715
BRG670-2S	7.0	7.0	Red	Bar Segment	2	300 ft	9.88	47.75	4.50	\$ 1,430
BRG670UR	7.0	7.0	Red	Ultra Bright	1	400 ft	9.87	47.75	2.25	\$ 715
BRG670UR-2S	7.0	7.0	Red	Ultra Bright	2	400 ft	9.87	47.75	4.50	\$ 1,430

BRG6120	12.0	12.0	Red	Ultra Bright	1	600 ft	14.75	73.25	2.25	\$ 1,086
BRG6120-2S	12.0	12.0	Red	Ultra Bright	2	600 ft	14.75	73.25	4.50	\$ 2,173

BRG6180	18.0	18.0	Red	Ultra Bright	1	800 ft	20.25	89.25	2.25	\$ 2,017
BRG6180-2S	18.0	18.0	Red	Ultra Bright	2	800 ft	20.25	89.25	4.50	\$ 2,690



BRG640 with standard red LED's



BRG640BLU with blue LED's



BRG640GRN with green LED's



BRG4120 with ultra bright red LED's



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Model	Display				Sides	Viewing Distance	Dimensions			Price MSRP
	1st Height	2nd Height	Color	Type			H	W	D	
BRG818	1.8	1.8	Red	Bar Segment	1	40 ft	6.25	15.25	2.25	\$ 269
BRG818-2S	1.8	1.8	Red	Bar Segment	2	40 ft	6.25	15.25	4.50	\$ 625
BRG818BLU	1.8	1.8	Blue	Bar Segment	1	40 ft	6.25	15.25	2.25	\$ 365
BRG818BLU-2S	1.8	1.8	Blue	Bar Segment	2	40 ft	6.25	15.25	4.50	\$ 1,010
BRG818GRN	1.8	1.8	Green	Bar Segment	1	40 ft	6.25	15.25	2.25	\$ 365
BRG818GRN-2S	1.8	1.8	Green	Bar Segment	2	40 ft	6.25	15.25	4.50	\$ 1,010

BRG825	2.5	1.8	Red	Bar Segment	1	75 ft	6.25	18.25	2.25	\$ 325
BRG825-2S	2.5	1.8	Red	Bar Segment	2	75 ft	6.25	18.25	4.50	\$ 684
BRG825BLU	2.5	1.8	Blue	Bar Segment	1	75 ft	6.25	18.25	2.25	\$ 445
BRG825BLU-2S	2.5	1.8	Blue	Bar Segment	2	75 ft	6.25	18.25	4.50	\$ 925
BRG825GRN	2.5	1.8	Green	Bar Segment	1	75 ft	6.25	18.25	2.25	\$ 445
BRG825GRN-2S	2.5	1.8	Green	Bar Segment	2	75 ft	6.25	18.25	4.50	\$ 925

BRG840	4.0	2.5	Red	Bar Segment	1	100 ft	8.25	24.25	2.25	\$ 402
BRG840-2S	4.0	2.5	Red	Bar Segment	2	100 ft	8.25	24.25	4.50	\$ 839
BRG840BLU	4.0	2.5	Blue	Bar Segment	1	100 ft	8.25	24.25	2.25	\$ 569
BRG840BLU-2S	4.0	2.5	Blue	Bar Segment	2	100 ft	8.25	24.25	4.50	\$ 1,175
BRG840GRN	4.0	2.5	Green	Bar Segment	1	100 ft	8.25	24.25	2.25	\$ 569
BRG840GRN-2S	4.0	2.5	Green	Bar Segment	2	100 ft	8.25	24.25	4.50	\$ 1,175

BRG870	7.0	4.0	Red	Bar Segment	1	300 ft	9.88	40.25	2.25	\$ 715
BRG870-2S	7.0	4.0	Red	Bar Segment	2	300 ft	9.88	40.25	4.50	\$ 1,515
BRG8120	12.0	7.0	Red	Ultra Bright	1	600 ft	15.00	96.25	2.25	\$ 1,795



BRG825 showing time and numeric date



OPTIONS

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Additional Function Options

Option	MSRP	Unit	Description
AB	\$ 28.78	Per Clock	Auto Brightness Option
EC	\$ 28.78	Per Each	Electrical Conduit Connector
IR	\$ 100.00	Per Clock	Infrared Remote Control and Receiver
IR1	\$ 45.00	Each	Additional Handheld Infrared Remote Control
LG018	\$ 27.79	Per Clock	Lexan Guard for 4, 6 or 8 digit 1.8 Inch LED clocks
LG025	\$ 48.63	Per Clock	Lexan Guard for 4, 6 or 8 digit 2.5 Inch LED clocks
LG040	\$ 69.48	Per Clock	Lexan Guard for 4, 6 or 8 digit 4.0 Inch LED clocks
LG070	\$ 113.15	Per Clock	Lexan Guard for 4, 6 or 8 digit 7.0 Inch LED clocks
LG120	\$ 133.00	Per Clock	Lexan Guard for 4, 6 or 8 digit 12.0 Inch LED clocks
LG180	\$ 153.85	Per Clock	Lexan Guard for 4, 6 or 8 digit 18.0 Inch LED clocks
NE1.5	\$ 104.00	Per Clock	NEMA4x Enclosure for BRG418, BRG425 (All colors)
NE2	\$ 116.13	Per Clock	NEMA4x Enclosure for BRG618, BRG818, BRG440 (All colors)
NE3	\$ 176.67	Per Clock	NEMA4x Enclosure for BRG625, BRG825, BRG640 (All colors)
RB1	\$ 60.00	Per Clock	Recessed Box for 4 digit displays
RB2	\$ 75.00	Per Clock	Recessed Box for 6 digit displays
TS	\$ 28.78	Per Clock	Temperature Sensor
WR	\$ 70.00	Per Clock	Wired Remote Control

Available Frame Configurations

Option	Price	Description
F1	\$ -	Black with a rounded front edge (Default)
F3	\$ -	Silver with a rounded front edge
F4	\$ -	Black with a flat 90° front edge

Available Mounting Configurations for Multi Sided Clocks (Wire Hang Default)

Option	MSRP	Unit	Description
HMC	\$ 28.00	Per Clock	Hug Mount, Ceiling (2 sided clocks)
HMW	\$ 28.00	Per Clock	Hug Mount, Wall (2 sided clocks)
PM1	\$ 28.00	Per Clock	Pole Mount, Single (2 or 4 sided clocks)
PM2	\$ 57.00	Per Clock	Pole Mount, Double (2 or 4 sided clocks)

Available Power Configurations

Option	Price	Description
P01	\$ -	110 volt AC Adapter with 18ft low voltage cord
P03	\$ -	100-240 volts AC, 50-60 cycle, internal transformer, no plug, European Wiring
P04	\$ -	100-240 volts AC, 50-60 cycle, AC Adapter with 18ft cord
P05	\$ -	100-240 volts AC, 50-60 cycle, internal transformer, used with Conduit Connector
P07	\$ -	24 volts AC or DC
P0808	\$ -	100-240 volts AC, 50-60 cycle, internal transformer, 8ft cord and U.S. style plug
P0812	\$ -	100-240 volts AC, 50-60 cycle, internal transformer, 12ft cord and U.S. style plug
P09	\$ -	100-240 volts AC, 50-60 cycle, internal transformer, short low profile U.S. style plug
P11	\$ -	100-240 volts AC, 50-60 cycle, internal transformer, 8 ft cord and British plug
P12	\$ -	100-240 volts AC, 50-60 cycle, internal transformer, 8 ft cord and Australian plug
P16	\$ -	100-240 volts AC, 50-60 cycle, internal transformer, 8 ft cord and European plug



TERMS

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GSA Customers - Contract Number GS-02F-0030U

Shipping to North American destinations is free of charge on UPS Ground. Shipping to APO/FPO addresses is free of charge on DHL with street address or the United States Postal Service. Tracing is unavailable on USPS and claims for lost shipments cannot be filed for 75 days. For these reasons, DHL is the preferred international shipment method.

Commercial and Industrial Customers

First time and international customers must be prepaid. Shipping to United States destinations is 4.75% of order total on UPS Ground. International destinations will be quoted. All freight arrangements are the responsibility of the customer if other carriers are required. International shipping charges are responsibility of customer for both order and warranty repairs.

Lead Time

Allow up to 3 weeks for standard production. Certain models are built to stock and will have a 1 week lead time. Fast Track Production within 5 business days is available on select models. Fast Track Production requires prepayment and costs 10% of the order total.

Warranty

See www.brgprecision.com/support/warranty.php for full warranty and return policy information. Standard warranty is 1 year with a 2 year extended warranty available at an additional cost.