



TIGER 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 Tiger series time displays feature the most advanced time and date features available in an LED display. Featuring the same advanced 32 bit micro processor and .5 MB flash memory as it's powerhouse cousin found in BRG time zone displays, this clock meets all of your requirements for time control.

Time Zone Parameters

The Tiger series of time displays is able to accurately show the time anywhere in the world. Twenty four time zone offsets are available (+/-12 hours UTC). Five incremental offsets can be accommodated to show accurate time in countries like India, Afghanistan, parts of Canada and Australia (30 minute offset) or Nepal (45 minute offset). Fourteen daylight savings time parameters can be programmed with the ability to create new rule based values based on ever changing political laws.

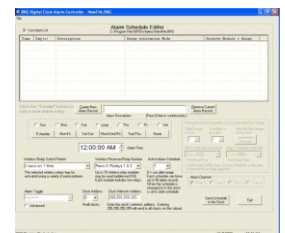
Time Inputs

The TGS series can interface with a GPS Atomic Time receiver for legally traceable time of within 4ms. If running a GPS antenna cable is not practical, a CDMA receiver is also available that is accurate to within a fraction of a second. For military or television industry customers an IRIG-B and SMPTE receiver is also available. Synch indication can be provided by several different display formats such as decimal dot, blinking colon, loss of blinking colon, and others. Computer interfaces include USB or RS232.



Alarm Scheduling

TGS series clocks include some of the most powerful alarm scheduling features found in the industry today. Ninety nine alarms can be stored, to accommodate even the most complex work schedules. Day of week variables allow for flexibility such as Monday and Tuesdays only, Weekends only, Daily, and many more. Up to ten schedules can be setup for activation by date range. An optional four channel output relay is available for zone control. Various sound devices are available such as bells, alert horns, peizzo buzzers, and electronic sounders. For existing alarm devices, a single channel output is available provided the existing device has a power supply.



Due to the variability of scheduling alarms, it is recommended that computer interface be purchased. A easy to use alarm software program is included with the USB or RS232 interface. The TGS series come with a set of control buttons on the back of the display if connecting to a computer is not easily accomplished.

Display Formats

Up to 33 time and date formats are available to show what you need to see on the display. Formats include Hours, Minutes, Seconds, Tenths of Seconds, Hundredths of Seconds, Blinking Colons, Year, Month / Day (American or European), Julian Dates (3 versions), Blank, Decimal Minutes, Temperature (Requires optional temperature sensor), Leading Zero's, and of course 12 or 24 hour format.



TG625 showing Hours:Minutes and Seconds



TG825 showing Hours:Minutes and Julian Date



TGS Series

4 Digit Time



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Model	Height	Display		Sides	Viewing Distance	Dimensions			Price MSRP
		Color	Type			H	W	D	
TGS418	1.8	Red	Bar Segment	1	40 ft	6.25	12.25	2.25	\$ 199
TGS418-2S	1.8	Red	Bar Segment	2	40 ft	6.25	12.25	4.50	\$ 442
TGS418-4S	1.8	Red	Bar Segment	4	40 ft	6.25	16.50	16.50	\$ 932
TGS418BLU	1.8	Blue	Bar Segment	1	40 ft	6.25	12.25	2.25	\$ 247
TGS418BLU-2S	1.8	Blue	Bar Segment	2	40 ft	6.25	12.25	4.50	\$ 589
TGS418BLU-4S	1.8	Blue	Bar Segment	4	40 ft	6.25	16.50	16.50	\$ 1,127
TGS418GRN	1.8	Green	Bar Segment	1	40 ft	6.25	12.25	2.25	\$ 247
TGS418GRN-2S	1.8	Green	Bar Segment	2	40 ft	6.25	12.25	4.50	\$ 589
TGS418GRN-4S	1.8	Green	Bar Segment	4	40 ft	6.25	16.50	16.50	\$ 1,127

TGS425	2.5	Red	Bar Segment	1	75 ft	6.25	12.25	2.25	\$ 242
TGS425-2S	2.5	Red	Bar Segment	2	75 ft	6.25	12.25	4.50	\$ 528
TGS425-4S	2.5	Red	Bar Segment	4	75 ft	6.25	16.50	16.50	\$ 1,097
TGS425BLU	2.5	Blue	Bar Segment	1	75 ft	6.25	12.25	2.25	\$ 313
TGS425BLU-2S	2.5	Blue	Bar Segment	2	75 ft	6.25	12.25	4.50	\$ 672
TGS425BLU-4S	2.5	Blue	Bar Segment	4	75 ft	6.25	16.50	16.50	\$ 1,386
TGS425GRN	2.5	Green	Bar Segment	1	75 ft	6.25	12.25	2.25	\$ 313
TGS425GRN-2S	2.5	Green	Bar Segment	2	75 ft	6.25	12.25	4.50	\$ 672
TGS425GRN-4S	2.5	Green	Bar Segment	4	75 ft	6.25	16.50	16.50	\$ 1,386

TGS440	4.0	Red	Bar Segment	1	100 ft	8.25	15.25	2.25	\$ 302
TGS440-2S	4.0	Red	Bar Segment	2	100 ft	8.25	15.25	4.50	\$ 627
TGS440-4S	4.0	Red	Bar Segment	4	100 ft	8.25	19.50	19.50	\$ 1,279
TGS440BLU	4.0	Blue	Bar Segment	1	100 ft	8.25	15.25	2.25	\$ 398
TGS440BLU-2S	4.0	Blue	Bar Segment	2	100 ft	8.25	15.25	4.50	\$ 819
TGS440BLU-4S	4.0	Blue	Bar Segment	4	100 ft	8.25	19.50	19.50	\$ 1,664
TGS440GRN	4.0	Green	Bar Segment	1	100 ft	8.25	15.25	2.25	\$ 398
TGS440GRN-2S	4.0	Green	Bar Segment	2	100 ft	8.25	15.25	4.50	\$ 819
TGS440GRN-4S	4.0	Green	Bar Segment	4	100 ft	8.25	19.50	19.50	\$ 1,664

TGS470	7.0	Red	Bar Segment	1	300 ft	9.87	30.25	2.25	\$ 627
TGS470-2S	7.0	Red	Bar Segment	2	300 ft	9.87	30.25	4.50	\$ 1,348
TGS470-4S	7.0	Red	Bar Segment	4	300 ft	9.87	34.50	34.50	\$ 2,585

TGS4120	12.0	Red	Ultra Bright	1	600 ft	14.75	47.25	2.25	\$ 987
TGS4120-2S	12.0	Red	Ultra Bright	1	600 ft	14.75	47.25	2.25	\$ 1,942

TGS4180	18.0	Red	Ultra Bright	1	800 ft	20.25	58.25	2.25	\$ 1,378
TGS4180-2S	18.0	Red	Ultra Bright	1	800 ft	20.25	58.25	2.25	\$ 2,723



TGS425



TGS425BLU



TGS425GRN



TGS Series

6 Digit Time

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Model	Display Height		Color	Display Type	Sides	Viewing Distance	Dimensions			Price MSRP
	HH:MM	Seconds					H	W	D	
TGS618	1.8	1.8	Red	Bar Segment	1	40 ft	6.25	13.75	2.25	\$ 290
TGS618-2S	1.8	1.8	Red	Bar Segment	2	40 ft	6.25	13.75	4.50	\$ 644
TGS618-4S	1.8	1.8	Red	Bar Segment	4	40 ft	6.25	19.50	19.50	\$ 1,174
TGS618BLU	1.8	1.8	Blue	Bar Segment	1	40 ft	6.25	13.75	2.25	\$ 386
TGS618BLU-2S	1.8	1.8	Blue	Bar Segment	2	40 ft	6.25	13.75	4.50	\$ 837
TGS618BLU-4S	1.8	1.8	Blue	Bar Segment	4	40 ft	6.25	19.50	19.50	\$ 1,559
TGS618GRN	1.8	1.8	Green	Bar Segment	1	40 ft	6.25	13.75	2.25	\$ 386
TGS618GRN-2S	1.8	1.8	Green	Bar Segment	2	40 ft	6.25	13.75	4.50	\$ 837
TGS618GRN-4S	1.8	1.8	Green	Bar Segment	4	40 ft	6.25	19.50	19.50	\$ 1,559

TGS625	2.5	1.8	Red	Bar Segment	1	75 ft	6.25	16.25	2.25	\$ 347
TGS625-2S	2.5	1.8	Red	Bar Segment	2	75 ft	6.25	16.25	4.50	\$ 701
TGS625-4S	2.5	1.8	Red	Bar Segment	4	75 ft	6.25	22.50	22.50	\$ 1,456
TGS625BLU	2.5	1.8	Blue	Bar Segment	1	75 ft	6.25	16.25	2.25	\$ 467
TGS625BLU-2S	2.5	1.8	Blue	Bar Segment	2	75 ft	6.25	16.25	4.50	\$ 941
TGS625BLU-4S	2.5	1.8	Blue	Bar Segment	4	75 ft	6.25	22.50	22.50	\$ 1,937
TGS625GRN	2.5	1.8	Green	Bar Segment	1	75 ft	6.25	16.25	2.25	\$ 467
TGS625GRN-2S	2.5	1.8	Green	Bar Segment	2	75 ft	6.25	16.25	4.50	\$ 941
TGS625GRN-4S	2.5	1.8	Green	Bar Segment	4	75 ft	6.25	22.50	22.50	\$ 1,937

TGS640	4.0	2.5	Red	Bar Segment	1	100 ft	8.25	19.75	2.25	\$ 426
TGS640-2S	4.0	2.5	Red	Bar Segment	2	100 ft	8.25	19.75	4.50	\$ 862
TGS640-4S	4.0	2.5	Red	Bar Segment	4	100 ft	8.25	28.50	28.50	\$ 1,702
TGS640BLU	4.0	2.5	Blue	Bar Segment	1	100 ft	8.25	19.75	2.25	\$ 595
TGS640BLU-2S	4.0	2.5	Blue	Bar Segment	2	100 ft	8.25	19.75	4.50	\$ 1,197
TGS640BLU-4S	4.0	2.5	Blue	Bar Segment	4	100 ft	8.25	28.50	28.50	\$ 2,374
TGS640GRN	4.0	2.5	Green	Bar Segment	1	100 ft	8.25	19.75	2.25	\$ 595
TGS640GRN-2S	4.0	2.5	Green	Bar Segment	2	100 ft	8.25	19.75	4.50	\$ 1,197
TGS640GRN-4S	4.0	2.5	Green	Bar Segment	4	100 ft	8.25	28.50	28.50	\$ 2,374

TGS670	7.0	7.0	Red	Bar Segment	1	300 ft	9.88	47.75	2.25	\$ 748
TGS670-2S	7.0	7.0	Red	Bar Segment	2	300 ft	9.88	47.75	4.50	\$ 1,463

TGS6120	12.0	12.0	Red	Ultra Bright	1	600 ft	14.75	73.25	2.25	\$ 1,119
TGS6120-2S	12.0	12.0	Red	Ultra Bright	2	600 ft	14.75	73.25	4.50	\$ 2,113

TGS6180	18.0	18.0	Red	Ultra Bright	1	800 ft	20.25	89.25	2.25	\$ 2,050
TGS6180-2S	18.0	18.0	Red	Ultra Bright	2	800 ft	20.25	89.25	4.50	\$ 3,903



TGS670



TGS6120



TGS Series

8 Digit Time / Date

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Model	Display Height		Color	Display Type	Sides	Viewing Distance	Dimensions			Price MSRP
	1st	2nd					H	W	D	
TGS818	1.8	1.8	Red	Bar Segment	1	40 ft	6.25	15.25	2.25	\$ 302
TGS818-2S	1.8	1.8	Red	Bar Segment	2	40 ft	6.25	15.25	4.50	\$ 658
TGS818-4S	1.8	1.8	Red	Bar Segment	4	40 ft	6.25	19.50	19.50	\$ 1,200
TGS818BLU	1.8	1.8	Blue	Bar Segment	1	40 ft	6.25	15.25	2.25	\$ 398
TGS818BLU-2S	1.8	1.8	Blue	Bar Segment	2	40 ft	6.25	15.25	4.50	\$ 1,043
TGS818BLU-4S	1.8	1.8	Blue	Bar Segment	4	40 ft	6.25	19.50	19.50	\$ 1,585
TGS818GRN	1.8	1.8	Green	Bar Segment	1	40 ft	6.25	15.25	2.25	\$ 398
TGS818GRN-2S	1.8	1.8	Green	Bar Segment	2	40 ft	6.25	15.25	4.50	\$ 1,043
TGS818GRN-4S	1.8	1.8	Green	Bar Segment	4	40 ft	6.25	19.50	19.50	\$ 1,585

TGS825	2.5	1.8	Red	Bar Segment	1	75 ft	6.25	18.25	2.25	\$ 358
TGS825-2S	2.5	1.8	Red	Bar Segment	2	75 ft	6.25	18.25	4.50	\$ 717
TGS825-4S	2.5	1.8	Red	Bar Segment	4	75 ft	6.25	22.50	22.50	\$ 1,468
TGS825BLU	2.5	1.8	Blue	Bar Segment	1	75 ft	6.25	18.25	2.25	\$ 478
TGS825BLU-2S	2.5	1.8	Blue	Bar Segment	2	75 ft	6.25	18.25	4.50	\$ 958
TGS825BLU-4S	2.5	1.8	Blue	Bar Segment	4	75 ft	6.25	22.50	22.50	\$ 1,949
TGS825GRN	2.5	1.8	Green	Bar Segment	1	75 ft	6.25	18.25	2.25	\$ 478
TGS825GRN-2S	2.5	1.8	Green	Bar Segment	2	75 ft	6.25	18.25	4.50	\$ 958
TGS825GRN-4S	2.5	1.8	Green	Bar Segment	4	75 ft	6.25	22.50	22.50	\$ 1,949

TGS840	4.0	2.5	Red	Bar Segment	1	100 ft	8.25	24.25	2.25	\$ 435
TGS840-2S	4.0	2.5	Red	Bar Segment	2	100 ft	8.25	24.25	4.50	\$ 872
TGS840-4S	4.0	2.5	Red	Bar Segment	4	100 ft	8.25	28.50	28.50	\$ 1,729
TGS840BLU	4.0	2.5	Blue	Bar Segment	1	100 ft	8.25	24.25	2.25	\$ 602
TGS840BLU-2S	4.0	2.5	Blue	Bar Segment	2	100 ft	8.25	24.25	4.50	\$ 1,208
TGS840BLU-4S	4.0	2.5	Blue	Bar Segment	4	100 ft	8.25	28.50	28.50	\$ 2,401
TGS840GRN	4.0	2.5	Green	Bar Segment	1	100 ft	8.25	24.25	2.25	\$ 602
TGS840GRN-2S	4.0	2.5	Green	Bar Segment	2	100 ft	8.25	24.25	4.50	\$ 1,208
TGS840GRN-4S	4.0	2.5	Green	Bar Segment	4	100 ft	8.25	28.50	28.50	\$ 2,401

TGS870	7.0	4.0	Red	Bar Segment	1	300 ft	9.88	40.25	2.25	\$ 748
TGS870-2S	7.0	4.0	Red	Bar Segment	2	300 ft	9.88	40.25	4.50	\$ 1,548



TGS840GRN
4 digit time with 4 digit date



TGS840
Hours : Minutes : Seconds . Tenths



TGS840
4 digit time with julian date



Circle Line Clocks Tiger Series

800-295-0220

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Model	Height	Display		Time Zones	Viewing Distance	Dimensions			Price MSRP
		Color	Format			H	W	D	
CLC821	4.0	Red	Time	1	100 ft	16.25	16.25	2.25	\$ 411
CLC821BLU	4.0	Blue	Time	1	100 ft	16.25	16.25	2.25	\$ 507
CLC821GRN	4.0	Green	Time	1	100 ft	16.25	16.25	2.25	\$ 507

CLC822	2.5	Red	Time	1	75 ft	16.25	16.25	2.25	\$ 350
CLC822BLU	2.5	Blue	Time	1	75 ft	16.25	16.25	2.25	\$ 422
CLC822GRN	2.5	Green	Time	1	75 ft	16.25	16.25	2.25	\$ 422

CLC823	2.5	Red	Time / Date	1	75 ft	16.25	16.25	2.25	\$ 635
CLC823BLU	2.5	Blue	Time / Date	1	75 ft	16.25	16.25	2.25	\$ 772
CLC823GRN	2.5	Green	Time / Date	1	75 ft	16.25	16.25	2.25	\$ 772

CLC825	2.5	Red	Local / Zulu	2	75 ft	16.25	16.25	2.25	\$ 635
CLC825BLU	2.5	Blue	Local / Zulu	2	75 ft	16.25	16.25	2.25	\$ 772
CLC825GRN	2.5	Green	Local / Zulu	2	75 ft	16.25	16.25	2.25	\$ 772

Do you need the easy readability of a digital clock but enjoy the look of an analog clock? Now you can have the best of both types of displays thanks to the technology of our Circle Line series of digital clocks. The outer circle by default turns on the LED seconds on the first pass and turns them off individually on the second pass. If you prefer, there can be only one LED lit for each second as it travels around the circle. The inner digital LED display on model CLC821 and CLC822 can be set to show time in 12 or 24 hour format. Model CLC823 shows time over date with the date in either American or European format. Model CLC825 shows local and Zulu (UTC) for military or government applications.



ENTCR821G



ENTCR822R



ENTCR823G



ENTCR825B



Options

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Time Receivers

Option	MSRP	Description
CR3	\$ 589.58	CDMA Atomic Time Receiver (North America Only)
GP	\$ 560.79	GPS Atomic Time Receiver (Indoor or Outdoor Mount)
SB	\$ 297.77	IRIG-B / SMPTE Receiver

Alarm Sound Devices

Option	MSRP	Description
AH	\$ 95.28	Alert Horn (124 db)
AP	\$ 34.74	Peizzo Buzzer (86 db)
BL8	\$ 74.44	Bell 8 Inch (84 db)

Additional Function

Option	MSRP	Description
AB	\$ 28.78	Auto Brightness Option
AL	\$ 28.78	Single Channel Output Relay (Dry Contact)
AL4	\$ 118.11	4 Channel Output Relay for Zone Control (Dry Contact)
IR	\$ 100.00	Infrared Remote Control and Receiver
IR1	\$ 45.00	Each additional Handheld Infrared Remote Control
SR-ST	\$ 28.78	Serial Wire Synchronization for Secondary RS422 Clocks
ST	\$ 28.78	Serial Wire Transmit to Secondary RS422 Clocks
TS	\$ 28.78	Temperature Sensor

Available Frame Configurations

Option	MSRP	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 Power Configurations

Option	MSRP	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
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.