

41357G/61357G SYNCHRONIZED DIGITAL CLOCK

Installation Instructions

SIMPLE : SMART®

OVERVIEW

Thank you for choosing a 41357G/61357G Synchronized Digital Clock. The 41357G/61357G Digital clocks receive a time signal from the Pyramid 7000 Master Clock (sold separately) or 58th/59th sync signal. Either clock may also serve as a replacement clock for Simplex 3-wire Synchronized Clock Systems.

The Pyramid Digital 41357G (HH:MM)/61357G (HH:MM:SS) System Clock receives time using one of the following methods:

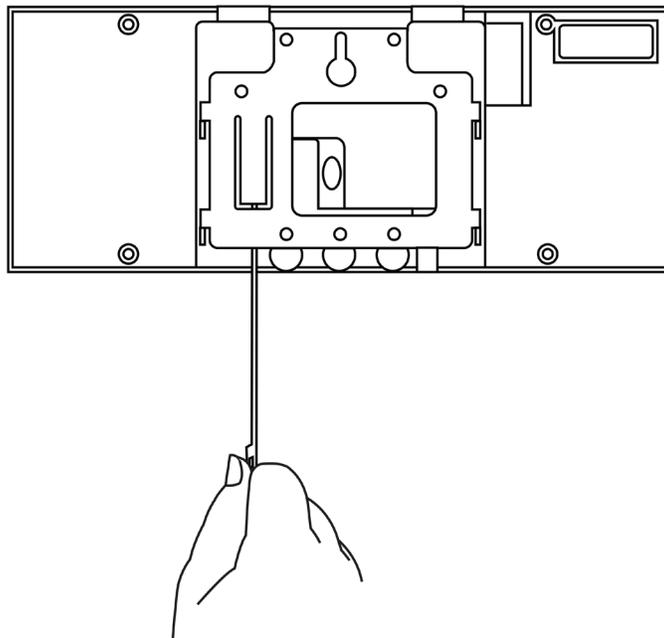
- ① BCD Time Signal* (using RJ45):
 - Pyramid 7000 Master Clock
 - Pyramid 4000/5000 Series Time Clocks (4000, 4000HD, 5000, 5000HD)
 - Pyramid TimeTrax™ Elite Series Time Clocks (PSDLAUBKK, TTPROXEK, TTELITEEK)
 - Pyramid TimeTrax Sync™ RF Wireless Transmitters (9T1WI, S9DWXSLAUB, 42337, S9DSXOLAUB)
- ② Synchronized signal 58th/59th minute correction (red wire 120V AC sync)

*Pyramid strongly recommends using the BCD time update method which sends an updated signal every two minutes. Other Master Clock Systems use a 58th/59th minute correction and may be out of synchronization for up to 24 hours. The Clock System (BCD) may only be out of synchronization for up to two minutes of power interruption.

For more information, visit pyramidtimesystems.com or call our technical support team at 888.479.7264 during regular business hours: 8:30am-5pm, M-F.

SECURITY BRACKET REMOVAL

- ① Prior to installation, detach metal security bracket from clock by inserting included release key into slot located on back of clock.
- ② Push key all the way into slot. Key will slide easily until some resistance from locking tab is felt.
- ③ With key fully engaged, slide the security bracket up and off of the clock.



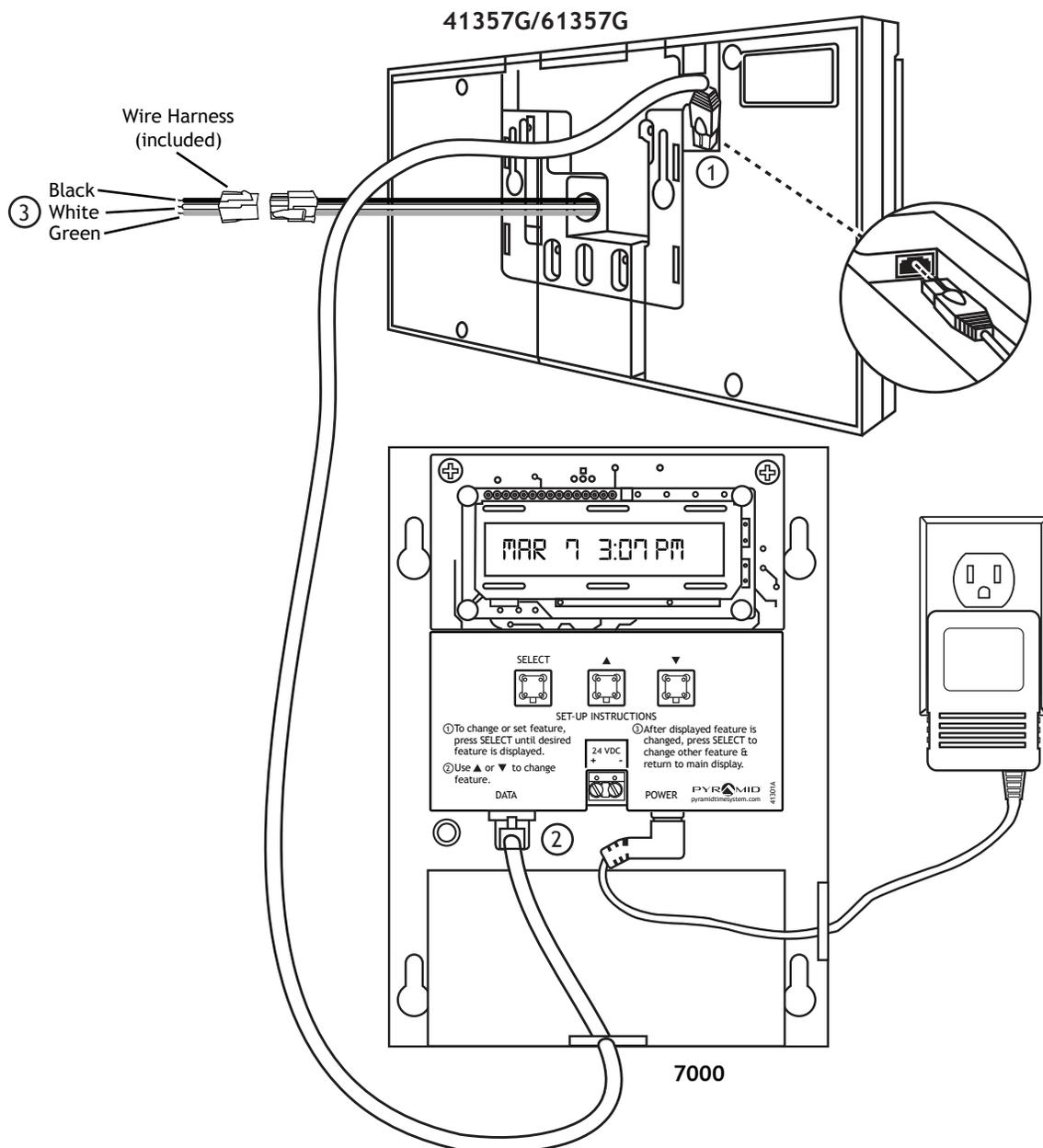
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CLOCK CONNECTION

- ① Using RJ45 BCD Cable, connect one end of the cable to the clock port.
- ② Connect the other end of the RJ45 cable to serial port of 4000/5000 Series Time Clock (4000/4000HD, 5000/5000HD), to BCD out port of the Elite Series Time Clock System (PSDLAUBKK/TTPROXEK/TTELITEEK), to AUX port of the RF Wireless Transmitter (9T1WI/S9DWXSLAUB, 42337, S9DSXOLAUB) or to the 7000 port labeled "DATA" and route cable through cable channel located on the right side or bottom of 7000.
- ③ Connect power 105-240V AC 50/60Hz to digital clock (must be installed by licensed electrician).
- ④ Mount and install wall clocks according to instructions included with clock.



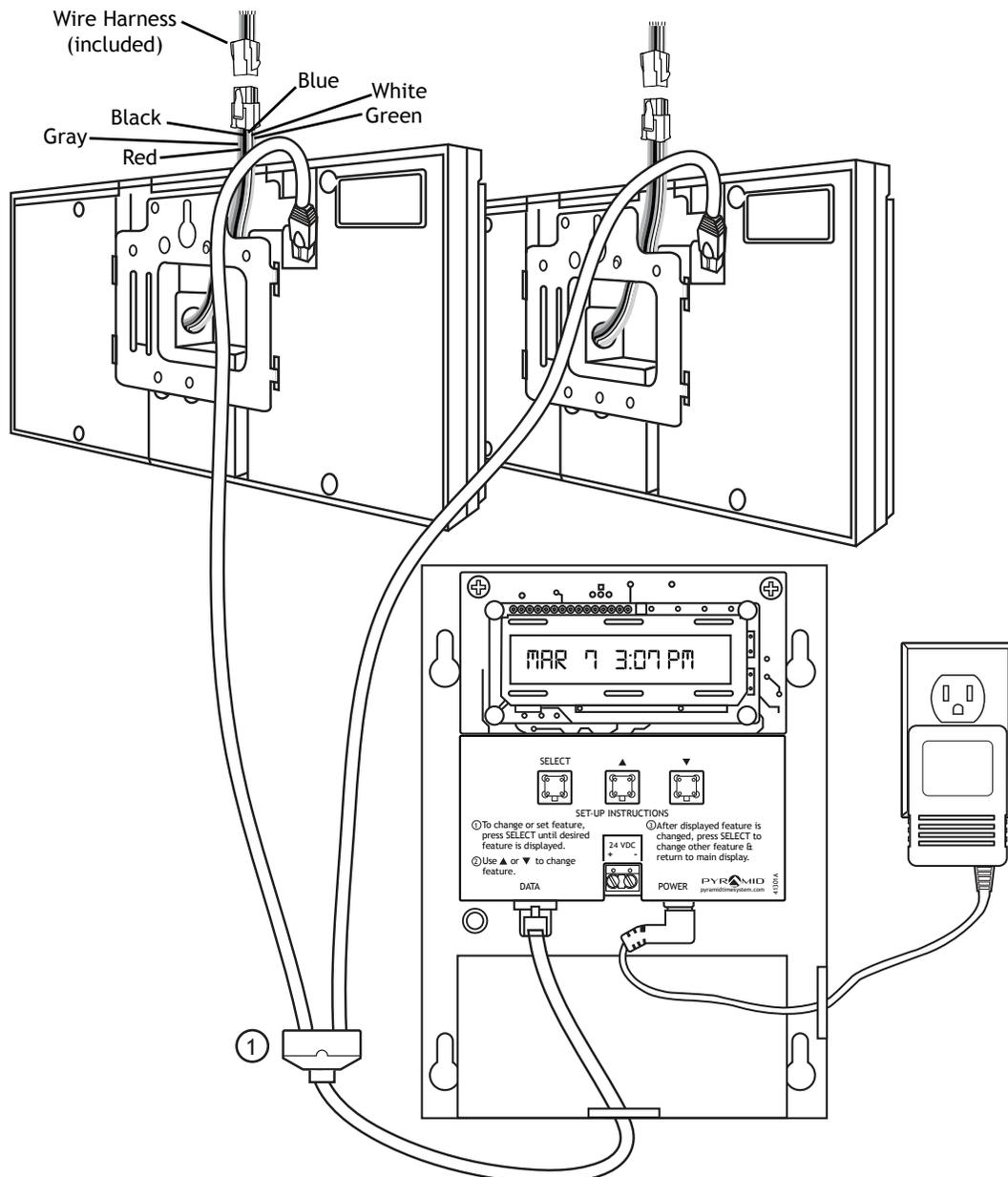
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MULTIPLE CLOCK CONNECTION

- ① Use RJ45 Splitter Cable (part #41270) to add more clocks. Up to 200 clocks may be added to the system, however clocks should be located within 300 feet of the 7000 unit to receive the synchronization time data.
- ② Connect RJ45 cable to 41357G/61357G Digital Clock and to 7000 Master Clock. Apply 105-240V AC 50/60Hz individually to each digital clock through black and white wires using clock wire harness (must be installed by licensed electrician).
- ③ Mount and install wall clocks according to instructions included with clock.

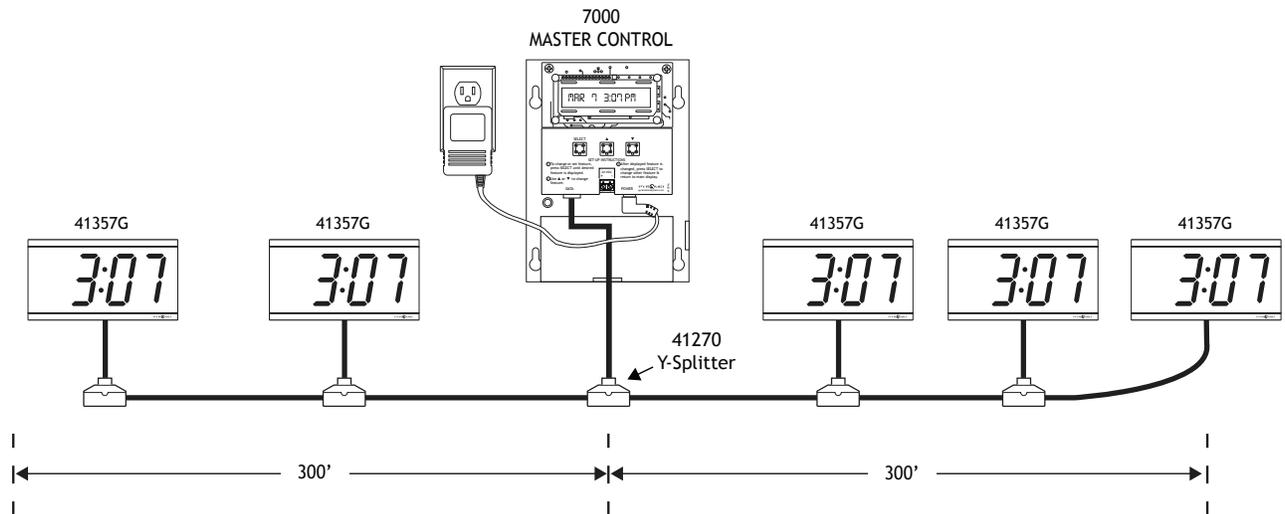
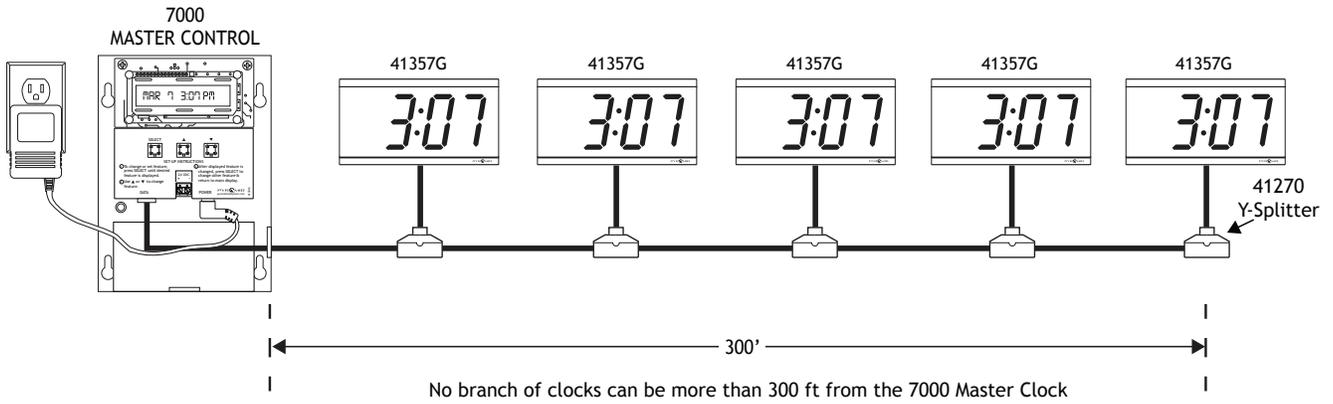


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MULTIPLE CLOCK CONNECTION



Power clocks individually using 105-240V AC 50/60Hz power source (must be installed by licensed electrician).

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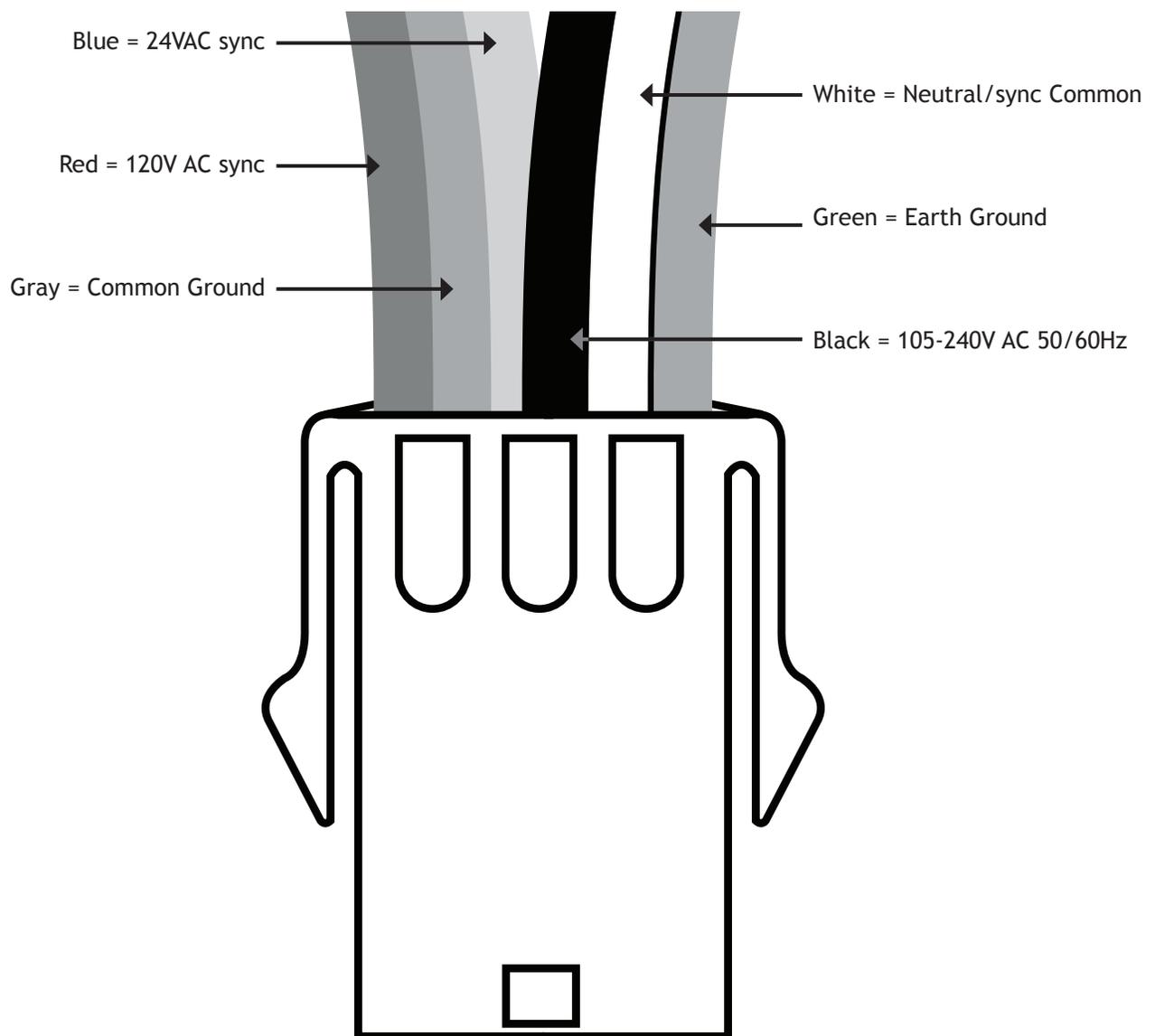
Installation Instructions

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INSTALLATION USING OTHER MASTER CONTROL SYSTEMS (58TH/59TH MINUTE CORRECTION)

- ① Connect power and signal leads per Digital System Clock Wire Harness diagram below*.
- ② After the system is set up and power is applied, the Pyramid 41357G/61357G Clock will synchronize on the 58th or 59th minute of the hour depending upon the master clock control system.

*Control System with 105-240V AC power and 120V AC sync signal, must be installed by a licensed electrician.



DIGITAL SYSTEM CLOCK WIRE HARNESS

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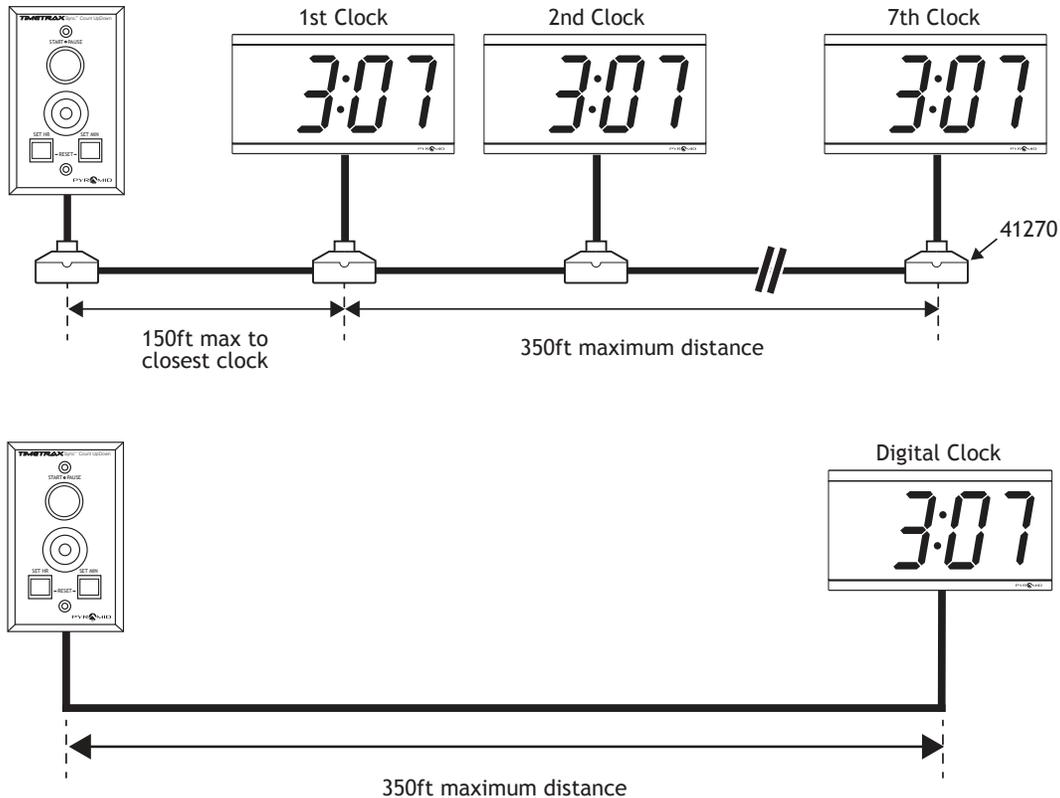
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COUNT UP/DOWN CAPABILITY

Pair your 41357G or 61357G with our Digital Timer (part# CBPLATEKIT) to provide precise count up or count down event timing.

41357G [(HH:MM), (99:59)]

61357G [(HH:MM:SS), (99:59:59)]



MOUNTING THE CLOCK

- ① Install the mounting bracket using the mounting screws and anchor provided. "TOP" is engraved to ensure bracket is oriented correctly and the tabs face upward.
- ② Push the terminal onto the mounting bracket aligning four tabs on bracket with the matching slots on the back of the clock.
- ③ Slide clock downward until locking tab clicks into place. When properly mounted, clock cannot be removed from the bracket without using the included wall bracket release key to disengage locking tab.
- ④ Cable can now be routed through the channel at the base of the clock.

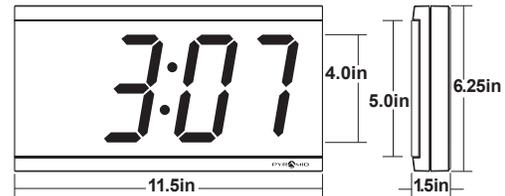
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SPECIFICATIONS			
Time Update Method	BCD or 58th/59th sync signal		
Power	105-240V AC, 50/60Hz		
Operating Temp	-4°F(-20°C) to 113°F(45°C)		
Visibility	Up to 250 feet		
Mounting	Wall		
Lens Material	Non-glare, shatterproof transparent polycarbonate		
Bezel Material	Reinforced Acrylonitrile Butadiene Styrene (ABS)		
Bezel Color	Black		
Time Format Modes	12-Hour (AM/PM) or 24-Hour (Military)		
LED Color	Red		
Battery Backup	Holds time/setup for up to 7 days		
DIGIT HEIGHT/ FORMAT	WEIGHT	DIMENSIONS (WxHxD)	SHIPPING WEIGHT
4"/4-Digit 00:00	2.10lbs	11.5" x 6.5" x 1.5"	2.6lbs
4"/6-Digit	2.65lbs	15.25" x 6.125" x 1.5"	3.6lbs
Warranty	1-Year manufacturer's limited warranty		
Guarantee	30-Day money back guarantee		
Includes	Clock wire harness, security mounting bracket & key, wall mounting template		

41357G



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ACCESSORIES	
PART#	DESCRIPTION
7000	Master Clock
4000	Auto Totaling Time Clock
5000	Auto Totaling Time Clock
PSDLAUBKK	TimeTrax™ Elite Swipe Card Time Clock System
TTPROXEK	TimeTrax™ Elite Proximity Time Clock System
TTLITEEK	TimeTrax™ Elite Biometric Time Clock System
9T1WI	RF Wireless Transmitter (desktop)
S9DWXSLAUB	RF Wireless Transmitter (wall-mount unit)
42337	Ethernet RF Wireless Transmitter (wall-mount unit) add-on transmitter
S9DSXOLAUB	Ethernet RF Wireless Transmitter (desktop) add-on transmitter
42689	Wash Down Enclosure for Digital Clock
42247J	Digital Security Mount Replacement
42429E-1	Wall Clock Security Mount Replacement Key
41270	Y Splitter
41269	Cable 50' BCD
41314	Cable 100' BCD
CBPLATEKIT	Count up/down digital time controller
43193-3	Chrome Wire Guard for a digital clock

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WARRANTY

Pyramid warrants its Synchronized Clock System to the original user against defective material or workmanship for a period of one year from date of purchase.

The manufacturer's responsibility under this Warranty is limited to repair or replacement of defective part or parts. Pyramid reserves the right to determine whether parts failed because of defective material, workmanship, or other causes. Failure caused by accident, alteration, misuse or improper packaging of returned unit is not covered by this Warranty. Any repair to equipment other than by Pyramid voids the Warranty. The rights under this Warranty are limited to original user and may not be transferred to subsequent users.

If Customer Support cannot troubleshoot your problem over the phone, we will replace our unit free of charge if it is within warranty period. Please contact Customer Support at 888.479.7264 between the hours of 8:30am AND 5pm EST, Monday-Friday for details.

TECHNICAL SUPPORT

Should you need to speak live to one of our representatives, please call toll-free (US/Canada) at 888.479.7264 during regular business hours: 8:30am-5pm EST, Monday-Friday.