



L2Z clockworks (Local to Zulu) [Note: Zulu, UTC, and GMT are just different names of the same time standard]

This clock was developed to better assist you in your need to know and use a world time standard or secondary time zone of choice as it applies to your local time.

This clock will display both your local and your chosen second time zone at the same time and both current times are indicated with the same hour hand position.

By using a 24-hour scale for both local and second location, and by aligning the current time of both locations to each other, you can now directly correlate any time of the day to the other. And this is done regardless of the hour hands' indicated position.

Further, this clock face is arranged so daytime hours appear on the top half of the clock and nighttime hours on the bottom half, making the local day/night cycle easier to interpret.

And with your local time in both dual-12-hour and 24-hour, there's no mental math needed.

- One AA Battery is required (Not included).
Insert it in the clock movement per the graphic in the battery pocket.
 - The clock uses a 24-hour movement, so the hour hand makes only one rotation per day.
 - The secondary time zone indication is not mechanically driven by the clock.
It is manually pre-set by you by rotating the external bezel to calibrate it to your desired indication.
- Reminder:** Re-adjust both the clock setting and the bezel setting when Daylight Saving/Standard time changes in your area.
- Mounting: Use a nail, screw, or picture hanger hook of your choice.
This is an indoor clock and should be located out of the weather.

1) Insert a AA battery 2) Set your Local Time

Spin the dial on the back to set local time as you would with any standard quartz clock.



3) Find your timezone offset

U.S. Time Zone Chart

Time Zone	Standard Time (Winter)	Daylight Saving Time (Summer)
Eastern	EST (UTC-5)	EDT (UTC-4)
Central	CST (UTC-6)	CDT (UTC-5)
Mountain	MST (UTC-7)	MDT (UTC-6)
Pacific	PST (UTC-8)	PDT (UTC-7)
Alaska	AKST (UTC-9)	AKDT (UTC-8)
Hawaii-Aleutian	HAT (UTC-10)	No daylight saving

* Please confirm your location and offset for accuracy.

** Note: UTC, GMT, and Zulu are all the same time standard.

*** Note: The above UTC offset values are **negative** hours **FROM** UTC **TO** your local zone.
Use the opposite **positive** of each number to set your clock **FROM** local **TO** UTC.

4) Set the Outer Bezel to UTC (Zulu/GMT)

- Rotate the outer bezel.
- Align your UTC offset number on the outer bezel with the red arrow (under midnight).
(Example: UTC-5 = align **5** to the red arrow)

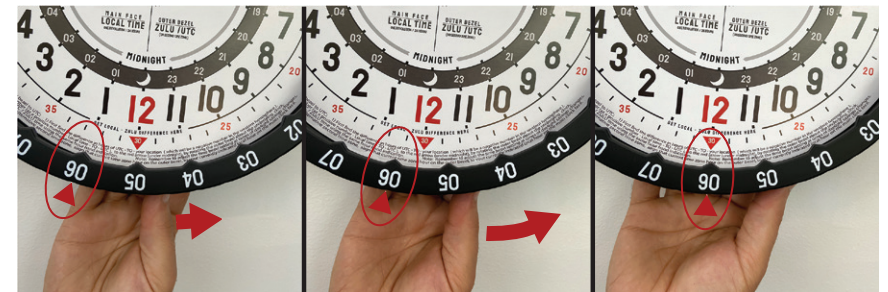
* If you are in the Eastern hemisphere, please use the 'Alternative method' below as the opposite of the positive offset from UTC would need to be subtracted from the 00 hour.

**Half-hour time zones: This clock unfortunately does not support 30-minute-offset time zones as it would be too confusing to Display and read.

Tip:

Hold the clock like a steering wheel—fingers supporting the back from the inside—and use your thumbs on the outer grip ribs of the bezel to rotate.

* If the bezel is stiff to rotate you can release one of the four securement tabs on the back to allow it to rotate more freely.



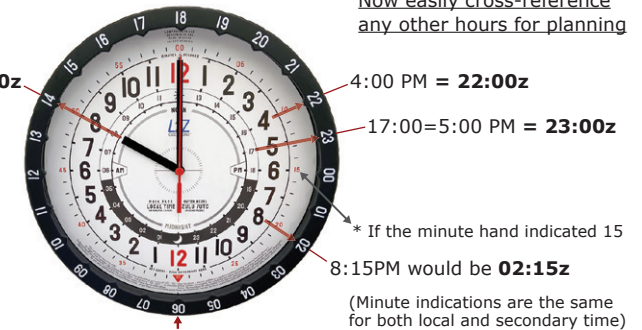
Rotate the bezel with your thumbs to change it from offset +5 hours to offset +6 hours.

- Once the bezel is set, you can read both local time and UTC/Zulu time using the same hour-hand position. (Minutes and seconds are the same for all time displays.)
- Further, with all the hours are in alignment, cross reference of the other non-indicated hours is quick, easy, and mental-math free.

Example:

Indicated time

08:00=8:00 AM = 14:00z
('z' =Zulu/UTC/GMT)



Example offset set at 6 hrs

Now easily cross-reference
any other hours for planning

4:00 PM = 22:00z

17:00=5:00 PM = 23:00z

* If the minute hand indicated 15

8:15PM would be 02:15z

(Minute indications are the same
for both local and secondary time)

Alternative Method (Any Second Time Zone *Excluding 30-minute-offset zones.)

1. Find the current time of your second location (UTC or any other whole-hour time zone).
2. Rotate the outer bezel so that the desired second location's current hour lines up with your current locally-indicated hour on the main face.

Example: (for Non-UTC)

At 8 AM Eastern time,
It is 5 AM Pacific time.

So,

Align the 05 with 8 AM
(Three hours earlier
than Eastern time)



L2Z Clockworks™
By LDWproducts LLC

For more information visit:
www.L2Zclockworks.com