# TOP TECH CLOCKS
### NEXT GENERATION TIME ZONE CLOCKS

www.toptechclocks.com
sales@toptechclocks.com
(888) 998-8821

# Product Catalog
## Part Number: TTC-S49-WIFI-001



## Single 49" commercial LCD monitor and 7" touchscreen remote
*Includes all mounting hardware, 20' power extension cord, HDMI cable, RS232 DB cable.*

## Features:

- Customer scalable time zone template database, display up to 24 time zone locations.
- Included first of its kind patent-pending touchscreen remote with integrated smart search feature.
- Search from a database of 200,000 cities and US military bases worldwide.
- Our proprietary software automatically loads time zone offsets, daylight savings settings, and precisely centers location labels/date labels.
- On-screen programming instructions guide you through each step of the configuration.
- Save, edit, and recall almost unlimited configured templates.
- Color changeable time, label, date, and backgrounds for areas of interest or concern.
- Customize your display for time and date settings for each time zone individually: e.g. long date vs. short date format, seconds vs. no seconds displayed, and much more.
- Commercial grade, certified 24x7-hour rated displays allow for uninterrupted operations.
- Configure time zones in a matter of minutes as opposed to hours.
- NTP or custom NTP settings on remote.
- TAA compliant
- Energy savings feature with custom on/off times.
- Energy Star rated commercial monitor.

### Product Info (LCD)

| | | | |
|---|---|---|---|
| LED-backlit | Yes | Width | 43.4 in |
| Image Contrast Ratio | 1100:1 | Depth | 1.5 in |
| Viewing Angle | 178° | Height | 25.5 in |
| Brightness | 500 cd/m2 | Weight | 29.32 lbs |
| Nominal Voltage | 120/230 V | Wall Mount | Yes |
| Frequency Required | 50/60 Hz | Min Operating Temperature | 32 °F |
| Power Consumption Operational | 102 Watt | Max Operating Temperature | 104 °F |
| ENERGY STAR Certified | Yes | Humidity Range Operating | 10 - 80% |
| ENERGY STAR Version | 7 | Warranty | 2 Years |

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## Part Number: TTC-S49-WIFI-001
## Included Scalable Time Zone Templates

### 1 Time Zone

| |
|---|
| 06:59 Zone 1 |

| |
|---|
| 06:59 Zone 1 — Friday, February 02, 2024 |

### 2 Time Zones

| | |
|---|---|
| 06:59 Zone 1 | 07:59 Zone 2 |

| | |
|---|---|
| 06:59 Zone 1 01/01/2024 | 07:59 Zone 2 01/01/2024 |

### 3 Time Zones

| | | |
|---|---|---|
| 06:59 Zone 1 | 07:59 Zone 2 | 08:59 Zone 3 |

| | | |
|---|---|---|
| 06:59 Zone 1 01/01/2024 | 07:59 Zone 2 01/01/2024 | 08:59 Zone 3 01/01/2024 |

### 4 Time Zones

| | |
|---|---|
| 06:59 Zone 1 | 08:59 Zone 3 |
| 07:59 Zone 2 | 09:59 Zone 4 |

| | |
|---|---|
| 06:59 Zone 1 01/01/2024 | 08:59 Zone 3 01/01/2024 |
| 07:59 Zone 2 01/01/2024 | 09:59 Zone 4 01/01/2024 |

### 5 Time Zones

| | | |
|---|---|---|
| 06:59 Zone 1 | 08:59 Zone 3 | 09:59 Zone 4 |
| 07:59 Zone 2 | | 10:59 Zone 5 |

| | | |
|---|---|---|
| 06:59 Zone 1 | 08:59 Zone 3 | 09:59 Zone 4 |
| 07:59 Zone 2 | | 10:59 Zone 5 |

| | | |
|---|---|---|
| 06:59 Zone 1 01/01/2024 | 08:59 Zone 3 01/01/2024 | 09:59 Zone 4 01/01/2024 |
| 07:59 Zone 2 01/01/2024 | | 10:59 Zone 5 01/01/2024 |

**DATE CONNECTED TO ZONE 3**
Friday, September 30, 2022

| | | |
|---|---|---|
| 06:59 Zone 1 | 08:59 Zone 3 | 09:59 Zone 4 |
| 07:59 Zone 2 | | 10:59 Zone 5 |

### 6 Time Zones

| | | |
|---|---|---|
| 06:59 Zone 1 | 08:59 Zone 3 | 10:59 Zone 5 |
| 07:59 Zone 2 | 09:59 Zone 4 | 11:59 Zone 6 |

| | | |
|---|---|---|
| 06:59 Zone1 01/01/2024 | 08:59 Zone 3 01/01/2024 | 10:59 Zone 5 01/01/2024 |
| 07:59 Zone 2 01/01/2024 | 09:59 Zone 4 01/01/2024 | 11:59 Zone 6 01/01/2024 |

### 7 Time Zones

| | | |
|---|---|---|
| 06:59 Zone 1 | | 10:59 Zone 5 |
| 07:59 Zone 2 | 09:59 Zone 4 | 11:59 Zone 6 |
| 08:59 Zone 3 | | 12:59 Zone 7 |

| | | |
|---|---|---|
| 06:59 Zone 1 | | 10:59 Zone 5 |
| 07:59 Zone 2 | 09:59 Zone 4 TUESDAY, APRIL 20, 2021 | 11:59 Zone 6 |
| 08:59 Zone 3 | | 12:59 Zone 7 |

| | | |
|---|---|---|
| 06:59 Zone 1 | 08:59 Zone 3 | 11:59 Zone 6 |
| | 09:59 Zone 4 | |
| 07:59 Zone 2 | 10:59 Zone 5 | 12:59 Zone 7 |

### 8 Time Zones

| | | | |
|---|---|---|---|
| 06:59 Zone 1 | 08:59 Zone 3 | 10:59 Zone 5 | 12:59 Zone 7 |
| 07:59 Zone 2 | 09:59 Zone 4 | 11:59 Zone 6 | 13:59 Zone 8 |

| | | | |
|---|---|---|---|
| 06:59 Zone 1 01/01/2024 | 08:59 Zone 3 01/01/2024 | 10:59 Zone 5 01/01/2024 | 12:59 Zone 7 01/01/2024 |
| 07:59 Zone 2 01/01/2024 | 09:59 Zone 4 01/01/2024 | 11:59 Zone 6 01/01/2024 | 13:59 Zone 8 01/01/2024 |

### 9 Time Zones

| | | |
|---|---|---|
| 06:59 Zone 1 | 09:59 Zone 4 | 12:59 Zone 7 |
| 07:59 Zone 2 | 10:59 Zone 5 | 13:59 Zone 8 |
| 08:59 Zone 3 | 11:59 Zone 6 | 14:59 Zone 9 |

| | | |
|---|---|---|
| 06:59 Zone 1 | | 11:59 Zone 6 |
| 07:59 Zone 2 | 10:59 Zone 5 01/01/2024 | 12:59 Zone 7 |
| 08:59 Zone 3 | | 13:59 Zone 8 |
| 09:59 Zone 4 | | 14:59 Zone 9 |

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# Product Catalog
## Part Number: TTC-S49-WIFI-001
## Included Scalable Time Zone Templates

### 10 Time Zones

| | | |
|---|---|---|
| 06:59 Zone 1 | 10:59 Zone 5 | 12:59 Zone 7 |
| 07:59 Zone 2 | | 13:59 Zone 8 |
| 08:59 Zone 3 | 11:59 Zone 6 | 14:59 Zone 9 |
| 09:59 Zone 4 | | 15:59 Zone 10 |

### 12 Time Zones

| | | |
|---|---|---|
| 06:59 Zone 1 | 10:59 Zone 5 | 14:59 Zone 9 |
| 07:59 Zone 2 | 11:59 Zone 6 | 15:59 Zone 10 |
| 08:59 Zone 3 | 12:59 Zone 7 | 16:59 Zone 11 |
| 09:59 Zone 4 | 13:59 Zone 8 | 17:59 Zone 12 |

### 13 Time Zones

| | | | | |
|---|---|---|---|---|
| 06:59 Zone 1 | 09:59 Zone 4 | | 13:59 Zone 8 | 16:59 Zone 11 |
| 07:59 Zone 2 | 10:59 Zone 5 | 12:59 Zone 7 | 14:59 Zone 9 | 17:59 Zone 12 |
| 08:59 Zone 3 | 11:59 Zone 6 | | 15:59 Zone 10 | 18:59 Zone 13 |

| | | |
|---|---|---|
| 06:59 Zone 1 | 10:59 Zone 5 | 12:59 Zone 7 |
| 07:59 Zone 2 | 01/01/2024 | 13:59 Zone 8 |
| 08:59 Zone 3 | 11:59 Zone 6 | 14:59 Zone 9 |
| 09:59 Zone 4 | 01/01/2024 | 15:59 Zone 10 |

### 14 Time Zones

| | | | | |
|---|---|---|---|---|
| 06:59 Zone 1 | 09:59 Zone 4 | 12:59 Zone 7 | 14:59 Zone 9 | 17:59 Zone 12 |
| 07:59 Zone 2 | 10:59 Zone 5 | | 15:59 Zone 10 | 18:59 Zone 13 |
| 08:59 Zone 3 | 11:59 Zone 6 | 13:59 Zone 8 | 16:59 Zone 11 | 19:59 Zone 14 |

### 15 Time Zones

| | | | | |
|---|---|---|---|---|
| 06:59 Zone 1 | 09:59 Zone 4 | 12:59 Zone 7 | 15:59 Zone 10 | 18:59 Zone 13 |
| 07:59 Zone 2 | 10:59 Zone 5 | 13:59 Zone 8 | 16:59 Zone 11 | 19:59 Zone 14 |
| 08:59 Zone 3 | 11:59 Zone 6 | 14:59 Zone 9 | 17:59 Zone 12 | 20:59 Zone 15 |

### 16 Time Zones

| | | | |
|---|---|---|---|
| 06:59 Zone 1 | 10:59 Zone 5 | 14:59 Zone 9 | 18:59 Zone 13 |
| 07:59 Zone 2 | 11:59 Zone 6 | 15:59 Zone 10 | 19:59 Zone 14 |
| 08:59 Zone 3 | 12:59 Zone 7 | 16:59 Zone 11 | 20:59 Zone 15 |
| 09:59 Zone 4 | 13:59 Zone 8 | 17:59 Zone 12 | 21:59 Zone 16 |

| | | | | |
|---|---|---|---|---|
| 06:59 Zone 1 | 10:59 Zone 5 | 13:59 Zone 8 | 15:59 Zone 10 | 18:59 Zone 13 |
| 07:59 Zone 2 | 11:59 Zone 6 | | 16:59 Zone 11 | 19:59 Zone 14 |
| 08:59 Zone 3 | | 14:59 Zone 9 | | 20:59 Zone 15 |
| 09:59 Zone 4 | 12:59 Zone 7 | | 17:59 Zone 12 | 21:59 Zone 16 |

### 18 Time Zones

| | | | | | |
|---|---|---|---|---|---|
| 06:59 Zone 1 | 09:59 Zone 4 | 12:59 Zone 7 | 15:59 Zone 10 | 18:59 Zone 13 | 21:59 Zone 16 |
| 07:59 Zone 2 | 10:59 Zone 5 | 13:59 Zone 8 | 16:59 Zone 11 | 19:59 Zone 14 | 22:59 Zone 17 |
| 08:59 Zone 3 | 11:59 Zone 6 | 14:59 Zone 9 | 17:59 Zone 12 | 20:59 Zone 15 | 23:59 Zone 18 |

### 24 Time Zones

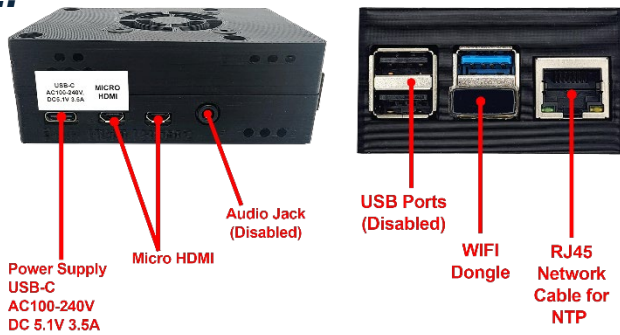| | | | | | |
|---|---|---|---|---|---|
| 00:59 Zone 1 | 04:59 Zone 5 | 08:59 Zone 9 | 12:59 Zone 13 | 16:59 Zone 17 | 20:59 Zone 21 |
| 01:59 Zone 2 | 05:59 Zone 6 | 09:59 Zone 10 | 13:59 Zone 14 | 17:59 Zone 18 | 21:59 Zone 22 |
| 02:59 Zone 3 | 06:59 Zone 7 | 10:59 Zone 11 | 14:59 Zone 15 | 18:59 Zone 19 | 22:59 Zone 23 |
| 03:59 Zone 4 | 07:59 Zone 8 | 11:59 Zone 12 | 15:59 Zone 16 | 19:59 Zone 20 | 23:59 Zone 24 |

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# Product Catalog
## Part Number: TTC-S49-WIFI-001
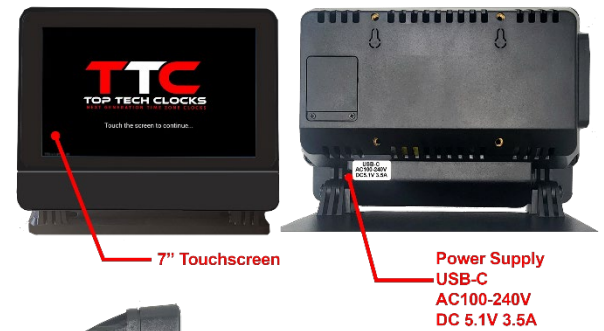## Included Parts

| | |
|---|---|
| 1 | 49" Commercial 24x7 LCD Monitor |
| 2 | Time Zone Single Board Computer Display Unit (DU) |
| 3 | Touchscreen Remote Unit (RU) |
| 4 | Power Supply USB-C AC100-240V DC 5.1V 3.5A x2 |
| 5 | HDMI Cable |
| 6 | DB Cable |
| 7 | 20 FT Extension Cable |
| 8 | Wall Mount |

**2.**

USB-C AC100-240V. DC5.1V 3.5A
MICRO HDMI

Power Supply
USB-C
AC100-240V
DC 5.1V 3.5A

Micro HDMI

Audio Jack
(Disabled)

USB Ports
(Disabled)

WIFI
Dongle

RJ45
Network
Cable for
NTP

## DU Dimensions
## 3.5" x 1.25" x 2.25"

**3.**

Touch the screen to continue...

7" Touchscreen

USB-C
AC100-240V
DC5.1V 3.5A

Power Supply
USB-C
AC100-240V
DC 5.1V 3.5A

RJ45

WIFI Dongle

Disabled USB Ports

## RU Dimensions
## 7.8" x 4.5" x 6.5"

**4.**

**5.**

**6.**

**7.**

20FT

INDOOR/OUTDOOR
EXTENSION CORD

16/3 SJTW BLACK

•13 AMP -125 V -1625 WATT
•3-WIRE GROUNDED
•GROUNDED THREE PRONG
OUTLETS FOR ADDED SAFETY

**8.**

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# Product Catalog
## Part Number: TTC-S49-WIFI-001

## Installation

1. Units come prewired with mounting brackets installed on LCD
2. Install wall mount on wall, hang LCD
3. Power on LCD, DU, RU
4. Follow instructions on RU and begin programming time zone clock



**RS-232 IN
Energy Savings
Feature**

**Display Unit (DU)**

**Micro HDMI to HDMI**

**USB-C Power Adapter
AC 100-240V
50-60 HZ
DC 5.1V - 3.5A**