



Wireless Network Time Displays



Key Features

- Wireless Digital clocks automatically synchronize (self correct) with NTP network time servers.
- All international time zones.
- High quality, professional appearance.
- 0.5 / 2.3 / 4 inch digit sizes.
- High visibility with adjusted brightness.
- Multiple time and date.

The Wireless Network Time Displays are maintenance free clocks that keep accurate time by synchronizing their time over the wireless network to a network time server. These clocks use standard network time protocol (NTP) or serial protocol to keep the time correct. Select between digital displays including 12 or 24 hour formats. All international time zones are supported so the clock should never need manual adjustment.

Avronica offers a 2.4 GHz wireless clock system for organizations with time-sensitive operations. The system is compatible with standard network time servers as a master clock for traceability to UTC (Coordinated Universal Time). Time from the time server is broadcast by a wireless transceiver (TXRX-AV40), synchronizing the displays to all other network systems and devices throughout the facility.

Attractive, professional and very visible synchronized time is easily distributed throughout a facility using wireless networks. Digital and analog clock types accommodate the different visibility and décor requirements within the facility.

Display installation and configuration is an easy, cost effective task made even easier by using wireless network interface instead of requiring dedicated cabling to distribute time signals.

Display:

A Six (or four) digits, super bright 0.5 / 2.3 / 4 inches height seven segment Red color with single sided display which indicates hours (2 Digits), minutes (2 Digits), Second (2 Digits) and Red LED forming colon (:) as field separators between Hours, Minutes and Second. There is a dot as Sync or link loss indication.

Network Time Displays

Specifications

13:26:45

13:26

13:26:45

Model	WNTD-0.5	WNTD-2.3	WNTD-4
Display Height	Six 0.5" RED Digits (HH:MM:SS)	Four 2.3" RED Digits (HH:MM)	Six 4" RED Digits (HH:MM:SS)
Sync Indicator	Yes	Yes	Yes
12/24 Hour Mode and Switch to Set Time	Yes	Yes	Yes
International Time Zones	Yes	Yes	Yes
Connectors			
RS-232 DB9	Yes	Yes	Yes
User Interface/Remote Access			
MS Windows GUI	Yes	Yes	Yes
Password Protected	Yes	Yes	Yes
Remote access	Yes	Yes	Yes
Electrical			
Power: DC Model	5V, 1Amp	12V, 1Amp	12V, 2Amp
Power: AC Model (Optional)	220V, 50Hz	220V, 50Hz	220V, 50Hz
Battery backup	Rechargeable Lithium ion with backup up to three hours	Rechargeable Lithium ion with backup up to two hours	Rechargeable dry cell with backup up to one hours
RTC Rechargeable Battery	3.6v 60mah Ni-Cd	3.6v 60mah Ni-Cd	3.6v 60mah Ni-Cd
Wireless	2.4 GHz frequency transceiver	2.4 GHz frequency transceiver	2.4 GHz frequency transceiver
Mechanical			
Size (Approx) Inches	Width x Height x Depth 6" x 2" x 2"	Width x Height x Depth 9.5" x 4" x 2.5" Wall Mounted 17" x 5" x 3" Rack Mounted	Width x Height x Depth 23" x 7" x 3.5"
Temperature	0 - 70 Degree C	0 - 70 Degree C	0 - 80 Degree C
Weight	Less than 1.5 kg	Less than 2 kg	Less than 4 kg
Mounting	Table top / Rack / Panel	Rack / Wall	Wall
Material/Housing	Black/Gray colored Powder Coated MS Sheet / CRCA sheet	Black/Gray colored Powder Coated MS Sheet / CRCA sheet	Black/Gray colored Powder Coated MS Sheet / CRCA sheet
Product Includes			
AC powered models	Display, power cord and manual	Display, power cord and manual	Display, power cord and manual
DC powered models	Display, DC Power Adaptor and Manual	Display, DC Power Adaptor and Manual	Display, DC Power Adaptor and Manual



RF Transceiver

Specifications

Model	TXRX-AV40
Function Indicators	Yes
Connectors	
RS-232 DB9	Yes
RJ45 (NTP)	Yes
SMA Antenna connector	Yes
Electrical	
Power: AC Model	230V, 50Hz
Wireless	2.4 GHz frequency signal in range of 6500 ft / 1981.2 Meter
Mechanical	
Dimension	1U Rack Space
Temperature	0 - 70 Degree C
Weight	Less than 2 kg
Mounting	19 inch Rack Mounted
Material/Housing	Black/Gray colored Powder Coated MS Sheet / CRCA sheet
Product Includes	
AC powered models	TxRx unit, patch cord, power cord and manual.

