

brandywine communications

synchronized from an RS232/422 ASCII serial source or optionally, an analog time code such as IRIG-B.

Network Time Displays are available in either 4 digit (HH:MM) or 6 digit configurations (HH:MM:ss).

Network Time Displays are available in a variety of configurations, including:

- A desktop/console mount unit with 0.5" characters
- A 1U 19" rack mount unit with 0.5" characters
- A wall/ceiling mounted unit with 3.2" character height
- A wall/ceiling mounted unit with 5.0" character height suitable for larger public spaces.

Specifications

Network Protocols

NTP SNTP DHCP TCP/IP UDP

Module Connections

Network: 10/100 baseT Ethernet

Connector: RJ45

Serial Output: RS232 or RS485 (link selected)

Baud rate: 1200-115200 baud

Connector: DB9

Synchronized Inputs

Standard

Ethernet: NTP

ASCII: Standard protocol below, others available on special order

Protocol: STX DD/MM/YY HH:MM:SS<CR>

Hardware: RS232/485 (link selected)

Baud rate: 2400, E, 7, 1

Optional Inputs:

GPS Receiver - 8 Channel C/A code

IRIG B Time Code Reader - Code: IRIG B122
Amplitude: 2V-3.5Vp-p

Overall Dimensions

	4 DIGIT	6 DIGIT
0.54 Console	N/A	1.85"x 7.44"x 4.75"
0.54" Rack Mount	N/A	1.75"x 19"x 4.5"
3.2" Wall Mount	6"x 10.5"x 2.62"	6"x 15"x 2.62"
5" Wall Mount	8"x 18.3"x 2.75"	8"x 25"x 2.75"
Power	95-265 VAC Universal	

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Ordering Information

Standard	4 DIGIT		6 DIGIT			
	3 2"	5"	3 2"	5"	Console	Rack
Red	061000051	061000068	061000005 3	061000007 0	061000008 0	061000086
Yellow	061000059	061000076	061000006 1	061000007 8	061000008 1	061000087
Blue	061000031	061000064	061000003 3	061000006 6	NA	NA
Green	061000055	061000072	061000005 7	061000007 4	061000008 2	061000088
WI GPS						
Red	061000052	061000069	061000005 4	061000007 1	061000008 3	061000089
Yellow	061000060	061000077	061000006 2	061000007 9	061000008 4	061000090
Blue	061000032	061000065	061000003 4	061000006 7	NA	NA
Green	061000056	061000073	061000005 8	061000007 5	061000008 5	061000091
WI RIG B						
Red	061000092	061000096	061000010 0	0610000104	061000010 8	061000111
Yellow	061000093	061000097	061000010 1	0610000105	061000010 9	061000112
Blue	061000094	061000098	061000010	0610000106	NA	NA

Setup

This tab contains all of the NTP to Serial basic setup functions. It will allow you to setup the NTP server address, network mask, client address and gateway address. For more information, please refer to the user manual.

System: Version: NTD V2.2 May 5 2004 08:33:43
Unit Location:

IP Address: DHCP: Enable Disable
Device IP Address:
Device Subnet Mask:
Device Gateway:

NTP Server: NTP IP Address: Restart control loop
Query Interval: seconds [\(Note\)](#)

Time Settings

There several settings that are associated with time. These settings are time zone, daylight saving time and the serial time output. Below are settings to help manage the time on the system.

Serial Output (TOD): [Format Help](#) Format:
Example:

Baud:
Data Bits:
Stop Bits:
Parity:

Time Zone Settings: Time Zone: Hour [\(Time Zone Help\)](#)

Daylight Saving Time: Automatically adjust clock for daylight saving changes:

Daylight Saving Time (Advanced): Daylight saving offset (DSTO): Hour [\(DSTO Help\)](#)
Daylight saving start: [Daylight Saving Help](#)
 DSTO at on the in

Daylight saving stop: DSTO at on the in

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