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Bell Control By Web

The TASC unit otherwise known as "Time And Signal Controller"

The TASC Controller is an electro-mechanical relay with a built in web server. It can be controlled and/or monitored over any IP network including private networks, IP-based industrial control networks, and the Internet.

The TASC unit allows for total synchronization of your bells and horns and can also operate digital or analog wall clocks.

The TASC unit can be connected directly to any host computer or network by simple ethernet connection., it can also run in stand alone mode that will automatically synchronize its time with that of the Atomic Clock via WWVB radio signal.

No Software is required to operate the TASC unit, it can operate as part of your network, or run in stand alone mode. All configuration and settings can be easily accessed from any web browser on your local Intranet.

Available at Lebanon Phone Center & Alarm Inc. 417-532-9819

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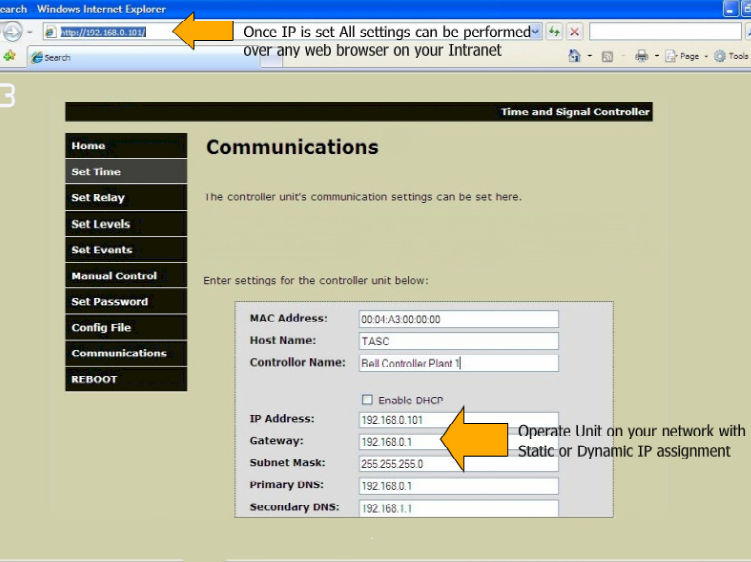


- 4 Independantly Controlled Output Relays
- 32 Programmed Events Per Relay
- 1-32 Second Duration Relay Closure
- Flexible Scheduling By Day Of Week
- Events Can Be Programmed To The Second

Network Connection

Connect the Ethernet port to a 10 Base T or 10/100 Base T Ethernet connection. This typically connects to an Ethernet hub, switch, or router. For configuration, TASC Controller may be connected directly to the Ethernet port on a computer using a "crossover" cable. Otherwise, for connection through a hub or router, a standard "straight-thru" cable should be used.

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Once IP is set All settings can be performed over any web browser on your Intranet

Communications

The controller unit's communication settings can be set here.

Enter settings for the controller unit below:

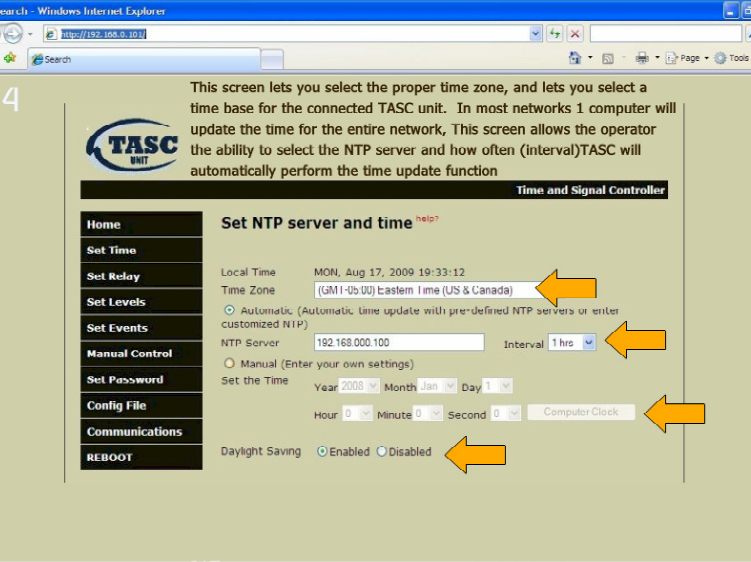
MAC Address: 00:04:A3:00:00:00
 Host Name: TASC
 Controller Name: Bell Controller Plant 1

Enable DHCP

IP Address: 192.168.0.101
 Gateway: 192.168.0.1
 Subnet Mask: 255.255.255.0
 Primary DNS: 192.168.0.1
 Secondary DNS: 192.168.1.1

Operate Unit on your network with Static or Dynamic IP assignment

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This screen lets you select the proper time zone, and lets you select a time base for the connected TASC unit. In most networks 1 computer will update the time for the entire network, This screen allows the operator the ability to select the NTP server and how often (interval)TASC will automatically perform the time update function

Set NTP server and time

Local Time: MON, Aug 17, 2009 19:33:12
 Time Zone: (GMT-05:00) Eastern Time (US & Canada)

Automatic (Automatic time update with predefined NTP servers or enter customized NTP)
 Manual (Enter your own settings)

NTP Server: 192.168.0.100 Interval: 1 hrs

Set the Time: Year 2008 Month Jan Day 1
 Hour 0 Minute 0 Second 0 Computer Clock

Daylight Saving: Enabled Disabled

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Set Events

First select the relay and then choose the level. Add a new event or select an existing event to enable / disable or edit / delete. Maximum of 32 events per level.


Select Relay: Relay 1
 Select level: bells plant 1 Copy From: Relay 1 bells plant 1 Copy

Name: Shift Start Bell max length 20
 Enable:
 Pattern: 1111111111111111 ON:1, OFF:0, max 32
 Start Time: 0:00:00 Hour:Min:sec, example:15:23:00
 Duration: max 32
 Week: M T W T h F Sa Su

Save Weekdays Weekend

EN	Name	Start	Duration	Pattern	Week
<input checked="" type="checkbox"/>	Shift Start	07:00:00	4		

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Remote Relay Control

The TASC Controller provides an easy and reliable way to control devices over a network. The TASC Ethernet Relay is designed for simplicity of use and rock-solid performance, making remote relay control straight-forward and dependable. The TASC units have built-in web servers, allowing them to be accessed by a standard web-browser. There is no special software, and no drivers to install.