



Module Interface Specification

for

Australia Daylight Saving 2008

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Revision History

Date	Initials	Version	Comments
06-05-2008	KN	V1.0.0	Initial release

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Introduction

This is a reference manual to describe the module which adjusts the time setting of a AMX controller in Australia and New Zealand as a result of Daylight Saving without connection to a internet time server. This module was written using NetLinx Studio version 2.7 build 2.7.0.210.

Overview

This module will shift the time one hour backward or forward when daylight saving adjustment occur depending on the rule of each state in Australia.

Queensland and the Northern Territory do not participate in Daylight Saving.

Changes to Daylight Savings for ACT, NSW, SA, VIC and TAS

From 2008 the ACT, NSW, South Australia, Victoria and Tasmania will all start daylight savings on the first Sunday in October and end on the first Sunday in April. This will result in an extra month of daylight saving for the ACT and introduces common start and finish dates in these states.

Western Australia

A three-year trial of daylight saving began in Western Australia on Sunday December 3, 2006.

Begins at 2 am on the last Sunday in October.

Ends at 3 am on the last Sunday in March.

In New Zealand, Daylight Saving commences on the last Sunday in September, when 2.00am becomes 3.00am, and ends on the first Sunday in April the following year, when 3.00am becomes 2.00am.

Implementation

To interface to the AMX Daylight Saving module, the programmer must perform the following steps:

1. Create a char array variable which equals to the state's abbreviation. Valid values are 'NSW', 'ACT', VIC', 'TAS', 'NZ', 'SA', QLD', 'WA', and 'NT'.
2. The Daylight Saving module must be included in the program with a DEFINE_MODULE command.

An example of how to do this is shown below.

```
DEFINE_VARIABLE
```

```
CHAR STATE[] = 'NSW'
```

```
DEFINE_MODULE 'CL_DayLightSaving_2008' AT(STATE)
```