

Configure Time Settings on the RV110W

Objective

The time settings allow a user to automatically or manually change the time on the router and account for Daylight Savings Time (DTS). The objective of this article is to explain how to configure time settings on the RV110W.

Applicable Devices

- RV110W

Steps of Procedure

Step 1. Use the web configuration utility to choose **Administration > Time Settings**. The *Time Settings* page opens:

The screenshot shows the 'Time Settings' configuration page. The 'Time Zone' dropdown menu is highlighted with a red box and contains the text '(GMT-08:00) Pacific Time (USA & Canada)'. Other visible fields include:

- Current Time: 01/01/10 12:02 AM
- Adjust for Daylight Savings Time:
- Daylight Saving Mode: By date Recurring
- From: Month: 01, Day: 01, Time: 12:00 AM
- To: Month: 01, Day: 01, Time: 12:00 AM
- From: Month: 01, Week: 1st, Day: Sunday, Time: 12:00 AM
- To: Month: 01, Week: 1st, Day: Sunday, Time: 12:00 AM
- Daylight Saving Offset: +60 Minutes
- Set Date and Time: Auto Manual
- NTP Server: Use Default User defined NTP Server
- Enter Date and Time: Year: 2011, Month: 01, Day: 01, Time: 12:00 AM

Buttons for 'Save' and 'Cancel' are located at the bottom of the form.

Step 2. Select a time zone from the drop-down list in the *Time Zone* field.

Time Settings

Current Time: 01/01/10 12:02 AM

Time Zone: (GMT-08:00) Pacific Time (USA & Canada)

Adjust for Daylight Savings Time:

Daylight Saving Mode: By date Recurring

From: Month: 01 Day: 01 Time: 12 : 00 : AM

To: Month: 01 Day: 01 Time: 12 : 00 : AM

From: Month: 01 Week: 1st Day: Sunday Time: 12 : 00 : AM

To: Month: 01 Week: 1st Day: Sunday Time: 12 : 00 : AM

Daylight Saving Offset: +60 Minutes

Set Date and Time: Auto Manual

NTP Server: Use Default

User defined NTP Server

1. (Hint: 1.2.3.4 or abc.com)

2.

Enter Date and Time: Year: 2011 Month: 01 Day: 01

Time: 12 : 00 : AM

Save Cancel

To Set Time Automatically

This feature allows the user to have time automatically adjusted with the option of Daylight Savings Time.

Step 1. Click the **Auto** radio button in the *Set Date and Time* field.

Current Time:	01/01/10 12:04 AM
Time Zone	(GMT-06:00) Central Time (USA & Canada)
Adjust for Daylight Savings Time:	<input checked="" type="checkbox"/>
Daylight Saving Mode:	<input checked="" type="radio"/> By date <input type="radio"/> Recurring
From:	Month: 01 Day: 01 Time: 12
To:	Month: 01 Day: 01 Time: 12
From:	Month: 01 Week: 1st Day: Sund
To:	Month: 01 Week: 1st Day: Sund
Daylight Saving Offset:	+60 Minutes
Set Date and Time:	<input checked="" type="radio"/> Auto <input type="radio"/> Manual
NTP Server:	<input checked="" type="radio"/> Use Default
	<input type="radio"/> User defined NTP Server
	1. <input type="text"/> (Hint: 1.2.3.4)
	2. <input type="text"/>
Enter Date and Time:	Year: 2011 Month: 01 Day: 01
	Time: 12 : 00 : AM
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

Step 2. Check the checkbox to enable DTS in the *Adjust for Daylight Savings Time* field.

Time Settings

Current Time: **01/01/10 12:04 AM**

Time Zone: (GMT-06:00) Central Time (USA & Canada) ▼

Adjust for Daylight Savings Time:

Daylight Saving Mode: By date Recurring

From: Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼

To: Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼

From: Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼

To: Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼

Daylight Saving Offset: +60 ▼ Minutes

Set Date and Time: Auto Manual

NTP Server: Use Default

User defined NTP Server

1. (Hint: 1.2.3.4 or abc.com)

2.

Enter Date and Time: Year: 2011 ▼ Month: 01 ▼ Day: 01 ▼

Time: 12 ▼ : 00 ▼ : AM ▼

Step 3. Click the radio button for the desired DTS option. The options are as follows:

- By date — Sets DTS to occur between two specific dates.
- Recurring — Sets DTS to occur between two days of two different months (i.e. The first Sunday of March).

Time Settings

Current Time: 01/01/10 12:04 AM

Time Zone: (GMT-06:00) Central Time (USA & Canada) ▼

Adjust for Daylight Savings Time:

Daylight Saving Mode: By date Recurring

From: Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼ : A

To: Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼ : A

From: Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼ T

To: Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼ T

Daylight Saving Offset: +60 ▼ Minutes

Set Date and Time: Auto Manual

NTP Server: Use Default

User defined NTP Server

1. (Hint: 1.2.3.4 or abc.com)

2.

Enter Date and Time: Year: 2011 ▼ Month: 01 ▼ Day: 01 ▼

Time: 12 ▼ : 00 ▼ : AM ▼

Note: If you choose the **Recurring** radio button, skip to Step 5.

Step 4. If you choose the **By date** radio button, set the desired starting date and time in the *Month*, *Day*, and *Time* fields in the *From* row. Then set the ending date and time in the *Month*, *Day*, and *Time* fields in the *To* row.

By date Recurring

Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼ : AM ▼

Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼ : AM ▼

Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼ Time: 12 ▼ : 00 ▼ : AM ▼

Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼ Time: 12 ▼ : 00 ▼ : AM ▼

Step 5. If you choose the **Recurring** radio button, set the desired starting day and time in the *Month*, *Week*, *Day*, and *Time* fields in the *From* row. Then set the ending day and time in the *Month*, *Week*, *Day*, and *Time* fields in the *To* row.

By date Recurring

Month: 01 Day: 01 Time: 12 : 00 : AM

Month: 01 Day: 01 Time: 12 : 00 : AM

Month: 01 Week: 1st Day: Sunday Time: 12 : 00 : AM

Month: 01 Week: 1st Day: Sunday Time: 12 : 00 : AM

Step 6. Select the number of minutes DTS should offset the current time from the drop-down list in the *Daylight Saving Offset* field.

Adjust for Daylight Savings Time:

Daylight Saving Mode: By date Recurring

From: Month: 03 Day: 11 Time: 02 : 00 :

To: Month: 11 Day: 04 Time: 02 : 00 :

From: Month: 01 Week: 1st Day: Sunday

To: Month: 01 Week: 1st Day: Sunday

Daylight Saving Offset: Minutes

Set Date and Time: Manual

NTP Server: Default

Defined NTP Server

1. (Hint: 1.2.3.4 or abc.com)

2.

Enter Date and Time: Year: 2011 Month: 01 Day: 01

Time: 12 : 00 : AM

Save Cancel

Step 7. Click the radio button for the desired option in the *NTP Server* field. The options are as follows:

- Use Default — Use the default Network Time Protocol Server to set the clock.
- User defined NTP Server — Manually enter a Network Time Protocol server.

Adjust for Daylight Savings Time:

Daylight Saving Mode: By date Recurring

From: Month: 03 Day: 11 Time: 02 : 00 :

To: Month: 11 Day: 04 Time: 02 : 00 :

From: Month: 01 Week: 1st Day: Sunday

To: Month: 01 Week: 1st Day: Sunday

Daylight Saving Offset: +60 Minutes

Set Date and Time: Auto Manual

NTP Server:

Use Default

User defined NTP Server

1. (Hint: 1.2.3.4 or abc.com)

2.

Enter Date and Time: Year: 2011 Month: 01 Day: 01

Time: 12 : 00 : AM

Save Cancel

Note: If you click the **User defined NTP Server** radio button, enter one or two IP addresses or website names in the 1 and 2 fields for the servers to set the clock.

Step 8. Click **Save** to save changes or **Cancel** to discard them.

To Set Time Manually

This feature allows the user to manually set the time.

Step 1. Click the **Manual** radio button in the *Set Date and Time* field.

Time Settings

Current Time:	01/01/10 12:52 AM
Time Zone	(GMT-08:00) Pacific Time (USA & Canada) ▼
Adjust for Daylight Savings Time:	<input type="checkbox"/>
Daylight Saving Mode:	<input checked="" type="radio"/> By date <input type="radio"/> Recurring
From:	Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼ :
To:	Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼ :
From:	Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼
To:	Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼
Daylight Saving Offset:	+60 ▼ Minutes
Set Date and Time:	<input type="radio"/> Auto <input checked="" type="radio"/> Manual
NTP Server:	<input checked="" type="radio"/> Use Default
	<input type="radio"/> User defined NTP Server
	1. <input type="text"/> (Hint: 1.2.3.4 or abc.com)
	2. <input type="text"/>
Enter Date and Time:	Year: 2011 ▼ Month: 01 ▼ Day: 01 ▼
	Time: 12 ▼ : 00 ▼ : AM ▼

Step 2. Select the desired date and time in the *Year*, *Month*, *Day*, and *Time* fields in the *Enter Date and Time* row.

Time Settings

Current Time:	01/01/10 12:52 AM
Time Zone	(GMT-08:00) Pacific Time (USA & Canada) ▼
Adjust for Daylight Savings Time:	<input type="checkbox"/>
Daylight Saving Mode:	<input checked="" type="radio"/> By date <input type="radio"/> Recurring
From:	Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼ :
To:	Month: 01 ▼ Day: 01 ▼ Time: 12 ▼ : 00 ▼ :
From:	Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼
To:	Month: 01 ▼ Week: 1st ▼ Day: Sunday ▼
Daylight Saving Offset:	+60 ▼ Minutes
Set Date and Time:	<input type="radio"/> Auto <input checked="" type="radio"/> Manual
NTP Server:	<input checked="" type="radio"/> Use Default
	<input type="radio"/> User defined NTP Server
	1. <input type="text"/> (Hint: 1.2.3.4 or abc.com)
	2. <input type="text"/>
Enter Date and Time:	Year: 2011 ▼ Month: 01 ▼ Day: 01 ▼
	Time: 12 ▼ : 00 ▼ : AM ▼

Step 3. Click **Save** to save changes or **Cancel** to discard them.