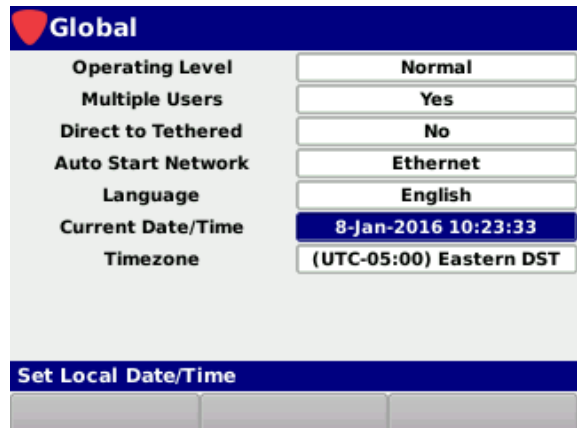


Current Date/Time

The **Current Date/Time** setting is used to set the current date and time for the 802 AWE. This information is displayed in the Title Bar of any navigation screen and is added to every data log, measurement, job, and Survey.



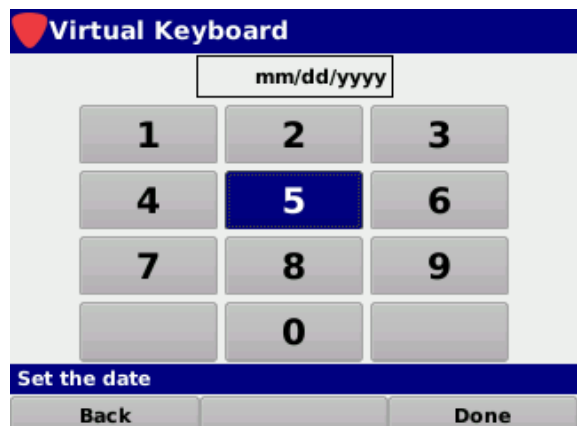
Global

Operating Level	Normal
Multiple Users	Yes
Direct to Tethered	No
Auto Start Network	Ethernet
Language	English
Current Date/Time	8-Jan-2016 10:23:33
Timezone	(UTC-05:00) Eastern DST

Set Local Date/Time

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right.

Use the **Virtual Keyboard** to enter the current date in the mm/dd/yyyy format.



Virtual Keyboard

mm/dd/yyyy

1	2	3
4	5	6
7	8	9
	0	

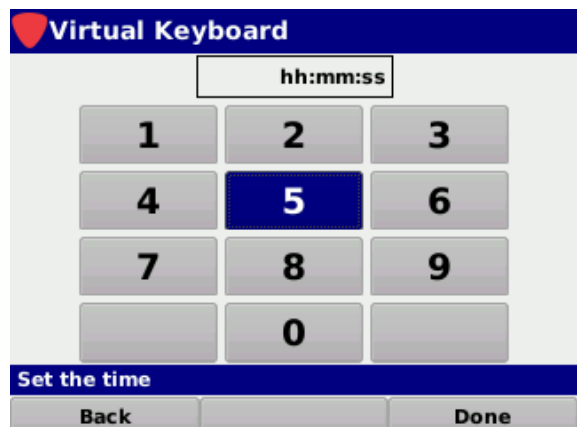
Set the date

Back Done

Select the **Done** softkey and the **Virtual Keyboard** will be displayed as shown in the image to the right.

Use the **Virtual Keyboard** to enter the current time in the hh:mm:ss format.

Select the **Done** softkey again to save the current date and time or Press the **Back** button at any time to exit without saving the changes.



Virtual Keyboard

hh:mm:ss

1	2	3
4	5	6
7	8	9
	0	

Set the time

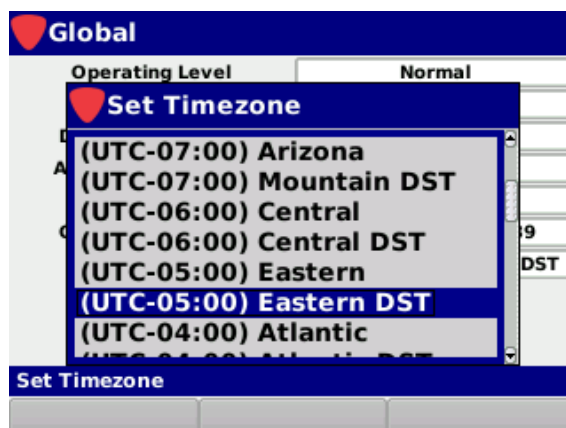
Back Done

Timezone

The **Timezone** setting allows you to set the time zone of the 802 AWE. This is useful when using the instrument in areas that automatically adjust their local time based on Daylight Savings Time (DST).

Press the **Enter** button and the **Set Timezone** window will be displayed as shown in the image to the right.

Use the up/down arrow buttons to choose the desired timezone and then press the **Enter** button to select the timezone.



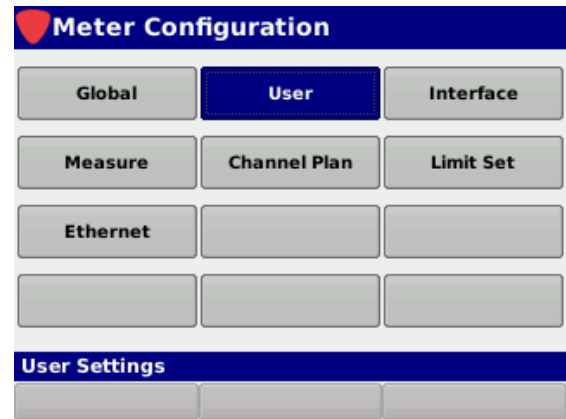
User Settings

Select the **User** button as shown in the image to the right to adjust the user information that is associated with the currently logged in user of the 802 AWE.

The **User** screen will be displayed as shown in the image to the right. This screen allows you to modify the user settings of the currently logged in user of the 802 AWE.

From within the **User** screen, use the left/right arrow buttons on the keypad to navigate through the list of setup items.

This information is added to every data log and is displayed on the welcome screen of the 802 AWE as shown in the image to the right.



Meter Configuration

Global	User	Interface
Measure	Channel Plan	Limit Set
Ethernet		

User Settings

--	--	--



User

User Name	user1
Company	Company
Tech ID	12345

Enter your name

--	--	--



Welcome to the 802 AWE

user1 (12345) Company
Unused User (0000) Company
Unused User (0000) Company
Unused User (0000) Company
Unused User (0000) Company

Select your user profile or create a new one

Replace		Delete
---------	--	--------

User Name

The **User Name** setting is used to set the user name for the user profile that is currently logged into the 802 AWE. This information is displayed on the welcome screen and is added to every data log, measurement, job, and survey.



The screenshot shows the 'User' profile screen. It has a blue header with a red heart icon and the word 'User'. Below the header, there are three fields: 'User Name' with the value 'user1', 'Company' with the value 'Company', and 'Tech ID' with the value '12345'. At the bottom, there is a blue bar with the text 'Enter your name' and three empty input boxes.

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right.

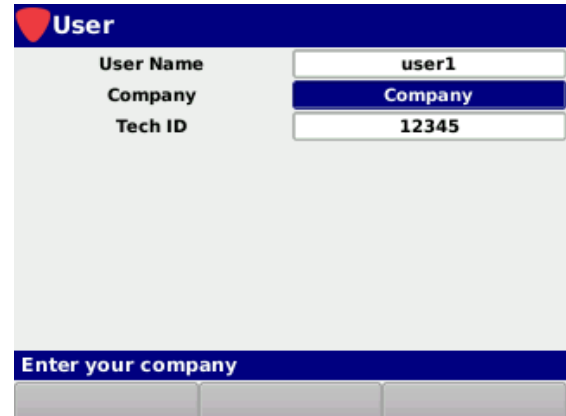
Use the **Virtual Keyboard** to enter the user name.



The screenshot shows the 'Virtual Keyboard' screen. It has a blue header with a red heart icon and the text 'Virtual Keyboard'. Below the header, there is a text input field containing 'user1'. Below the input field is a virtual keyboard with three rows of keys: the first row contains 'q', 'w', 'e', 'r', 't', 'y', 'u', 'i', 'o', 'p'; the second row contains 'a', 's', 'd', 'f', 'g', 'h', 'j', 'k', 'l'; the third row contains 'z', 'x', 'c', 'v', 'b', 'n', 'm', '@'. Below the keyboard is a blue bar with the text 'Enter your name' and three buttons: 'Back', 'ABC', and 'Done'.

Company

The **Company** setting is used to set the company name for the user profile that is currently logged into the 802 AWE. This information is displayed on the welcome screen and is added to every data log, measurement, job, and survey.



The 'User' screen displays a table with the following information:

User	
User Name	user1
Company	Company
Tech ID	12345

Below the table is a blue bar with the text 'Enter your company' and three empty input fields.

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right.

Use the **Virtual Keyboard** to enter the company name.



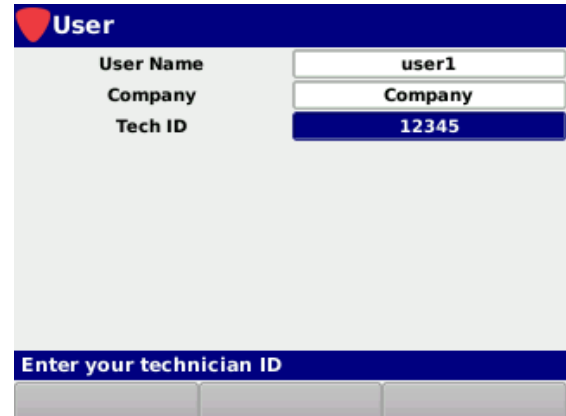
The 'Virtual Keyboard' screen displays a QWERTY keyboard layout. The 'Company' field is at the top, followed by the keyboard. The 'g' key is highlighted. Below the keyboard is a blue bar with the text 'Enter your company' and three empty input fields. At the bottom are three buttons: 'Back', 'ABC', and 'Done'.

Tech ID

The **Tech ID** setting is used to set the technician ID for the user profile that is currently logged into the 802 AWE. This information is displayed on the welcome screen and is added to every data log, measurement, job, and survey.

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right.

Use the **Virtual Keyboard** to enter the technician ID.



User

User Name	user1
Company	Company
Tech ID	12345

Enter your technician ID



Virtual Keyboard

12345

q	w	e	r	t	y	u	i	o	p
a	s	d	f	g	h	j	k	l	
z	x	c	v	b	n	m	@		
,							.		

Enter your technician ID

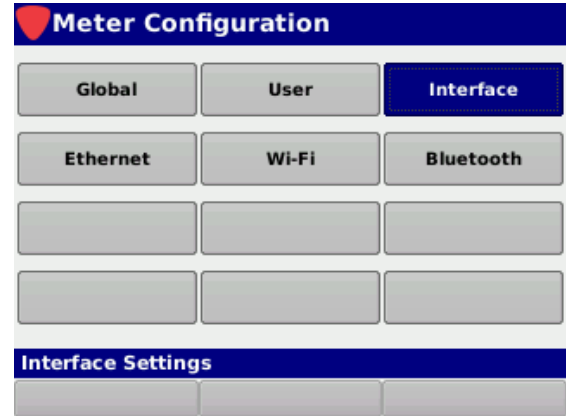
Back ABC Done

Interface Settings

Select the **Interface** button as shown in the image to the right to adjust the interface settings for the currently logged in user of the 802 AWE.

The **Interface** screen will be displayed as shown in the image to the right. This screen allows you to modify the user interface settings.

From within the **Interface** screen, use the left/right arrow buttons on the keypad to navigate through the list of setup items.

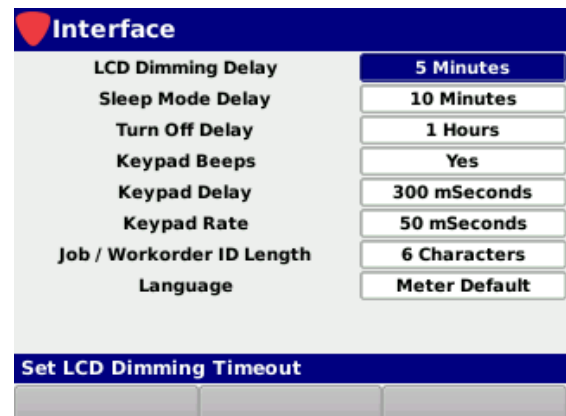


Meter Configuration

Global	User	Interface
Ethernet	Wi-Fi	Bluetooth

Interface Settings

--	--	--



Interface

LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default

Set LCD Dimming Timeout

--	--	--

LCD Dimming Delay

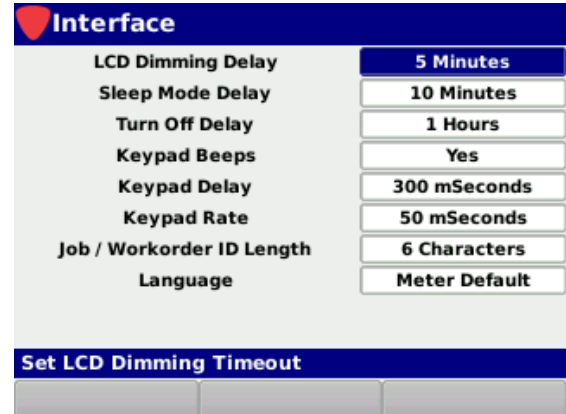
The **LCD Dimming Delay** setting is used to conserve power by automatically dimming the display screen backlight after the 802 AWE has been idle for a specified period of time.

The default setting for the LCD dimming delay is **1 Minute**. The LCD dimming delay can be set from a minimum of one (1) minute up to a maximum of five (5) minutes.

Use either of the following methods to change the LCD dimming delay:

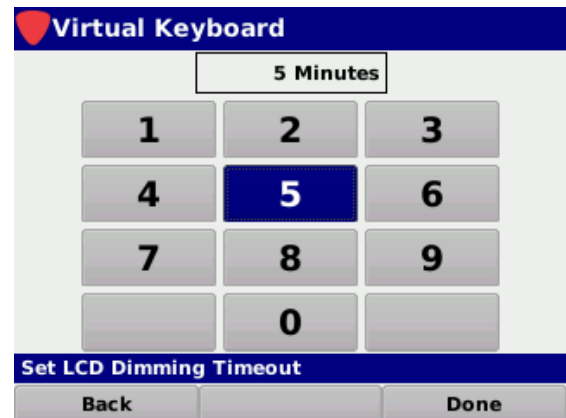
- Use the up/down arrow buttons to change the value in one (1) minute increments.
- Press the **Enter** button and use the **Virtual Keyboard** to directly enter the LCD dimming delay as shown in the image to the right.

Upon any button press, the LCD will automatically brighten and the delay timer will restart.



Interface	
LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default

Set LCD Dimming Timeout	



Virtual Keyboard		
5 Minutes		
1	2	3
4	5	6
7	8	9
	0	

Set LCD Dimming Timeout	
Back	Done



NOTE

Whenever the 802 AWE is being powered by the AC to DC power adapter & battery charger, the LCD dimming delay will be deactivated automatically.

Sleep Mode Delay

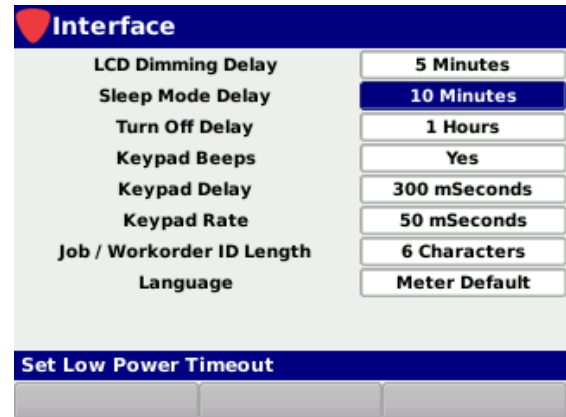
The **Sleep Mode Delay** setting is used to conserve power by automatically enabling the sleep mode after the 802 AWE has been idle for a specified period of time.

The default setting for the sleep mode delay is **5 Minutes**. The sleep mode delay can be set from a minimum of one (1) minute up to a maximum of 60 minutes.

Use either of the following methods to change the sleep mode delay:

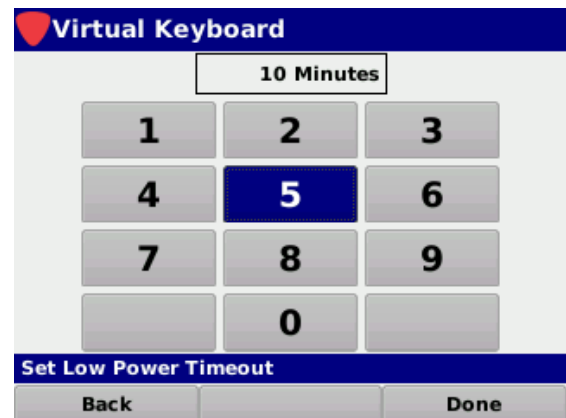
- Use the up/down arrow buttons to change the value in one (1) minute increments.
- Press the **Enter** button and use the **Virtual Keyboard** to directly enter the sleep mode delay as shown in the image to the right.

Quickly Press the **Power** button to awaken the 802 AWE from sleep mode. The sleep mode delay timer will automatically restart.



Interface	
LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default

Set Low Power Timeout



10 Minutes

1	2	3
4	5	6
7	8	9
	0	

Set Low Power Timeout

Back Done



NOTE

Whenever the 802 AWE is being powered by the AC to DC power adapter & battery charger, the sleep mode delay will be deactivated automatically.

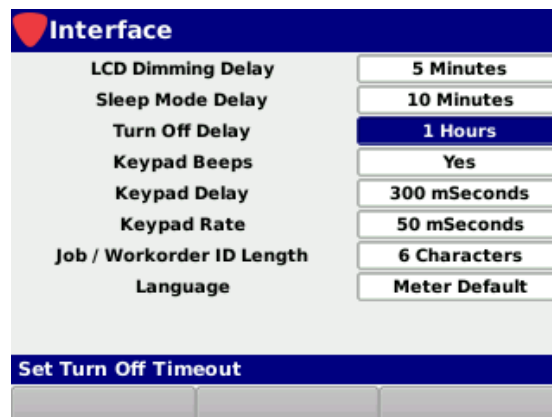
Turn Off Delay

The **Turn Off Delay** setting is used to conserve power by automatically turning off the device after the 802 AWE has been idle for a specified period of time.

The default setting for the turn off delay is **1 Hour**. The turn off delay can be set from a minimum of one (1) hour up to a maximum of 24 hours.

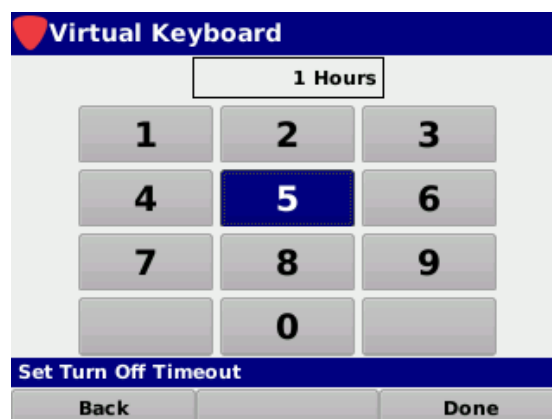
Use either of the following methods to change the turn off delay:

- Use the up/down arrow buttons to change the value in one (1) hour increments.
- Press the **Enter** button and use the **Virtual Keyboard** to directly enter the turn off delay as shown in the image to the right.



Interface	
LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default

Set Turn Off Timeout



Virtual Keyboard

1 Hours

1	2	3
4	5	6
7	8	9
	0	

Set Turn Off Timeout

Back Done

Keypad Beeps

The **Keypad Beeps** setting is used to enable or disable keypad beeps for the internal speaker.

The default setting for **Keypad Beeps** is **Yes**, use the up/down arrow buttons to select from the following preset values:

- Select **Yes** to hear the keypad beeps.
- Select **No** to mute the keypad beeps.

Interface	
LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default

Set Keypad Beep Setting		

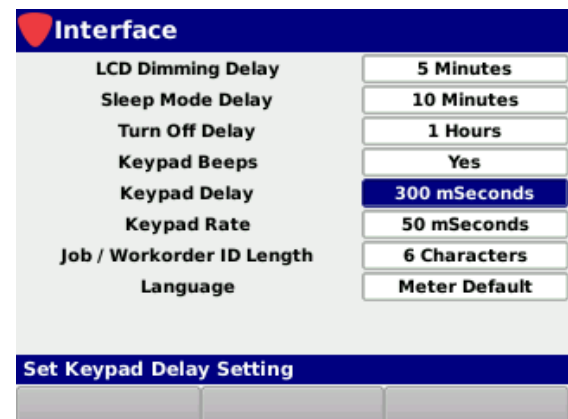
Keypad Delay

The **Keypad Delay** setting is used to adjust the keypad delay.

The default setting for the keypad delay is **300 mSeconds**. The keypad delay can be set from a minimum of 100 mSeconds up to a maximum of 1000 mSeconds.

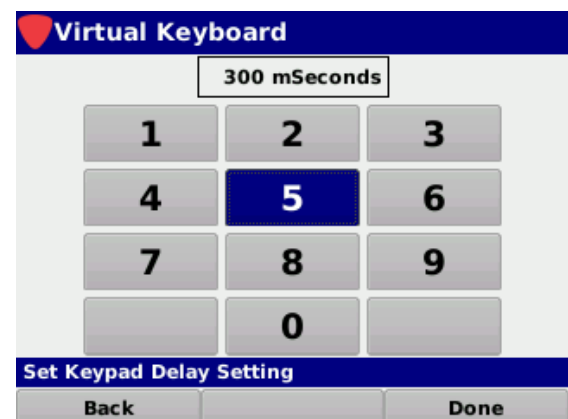
Use either of the following methods to change the keypad delay:

- Use the up/down arrow buttons to change the value in 50 mSecond increments.
- Press the **Enter** button and use the **Virtual Keyboard** to directly enter the keypad delay as shown in the image to the right.



Interface	
LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default

Set Keypad Delay Setting



300 mSeconds

1	2	3
4	5	6
7	8	9
	0	

Set Keypad Delay Setting

Back Done

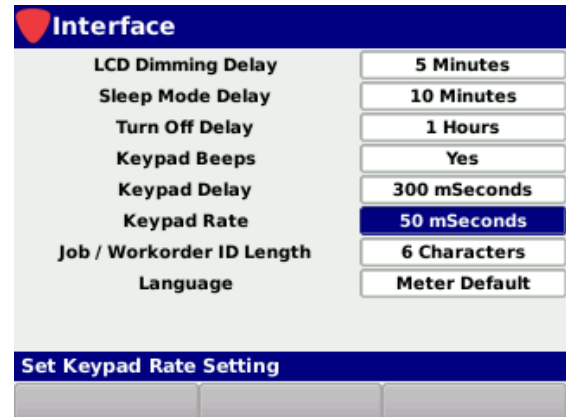
Keypad Rate

The **Keypad Rate** setting is used to adjust the keypad rate.

The default setting for the keypad rate is **50 mSeconds**. The keypad rate can be set from a minimum of 50 mSeconds up to a maximum of 1000 mSeconds.

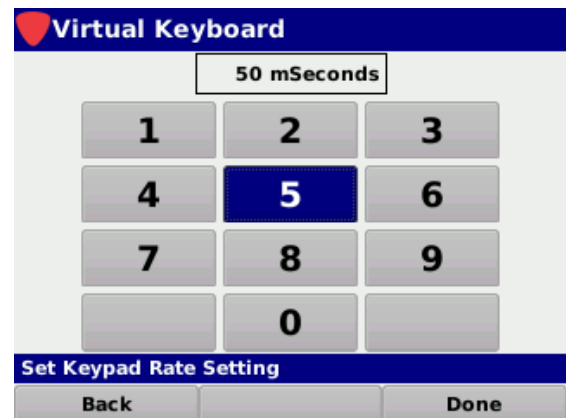
Use either of the following methods to change the keypad rate:

- Use the up/down arrow buttons to change the value in 50 mSecond increments.
- Press the **Enter** button and use the **Virtual Keyboard** to directly enter the keypad rate as shown in the image to the right.



Interface	
LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default

Set Keypad Rate Setting		



Virtual Keyboard		
50 mSeconds		
1	2	3
4	5	6
7	8	9
	0	

Set Keypad Rate Setting		
Back		Done

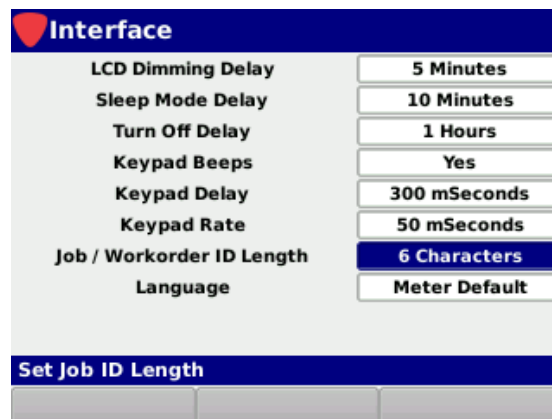
Job & Workorder ID Length

The **Job/Workorder ID Length** setting is used to set the maximum number of characters to display for jobs and workorders on the 802 AWE.

The default setting for the job and workorder ID length is **6 Characters**. The character length can be set from a minimum of 6 characters up to a maximum of 32 characters.

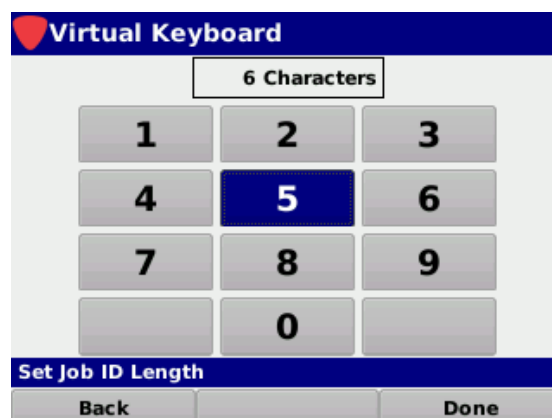
Use either of the following methods to change the maximum number of characters:

- Use the up/down arrow buttons to change the value in one (1) character increments.
- Press the **Enter** button and use the **Virtual Keyboard** to directly enter the number of characters as shown in the image to the right.



Interface	
LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default

Set Job ID Length		



Virtual Keyboard		
6 Characters		
1	2	3
4	5	6
7	8	9
	0	

Set Job ID Length		
Back		Done

Language

The 802 AWE can be equipped to work in various languages.

The default language is defined by the **Global** menu and shows here as **Meter Default**, but can be adjusted per user. Use the up/down arrow buttons to select from the following languages.

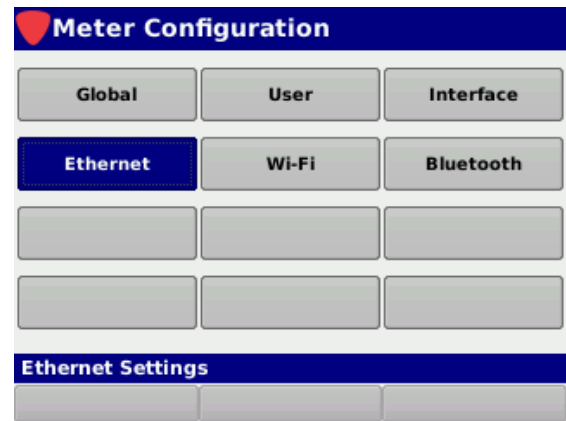
- **Meter Default**
- **English**
- **Spanish**
- **Portuguese**
- **Chinese**
- **Chinese (Simplified)**
- **Japanese**

Interface	
LCD Dimming Delay	5 Minutes
Sleep Mode Delay	10 Minutes
Turn Off Delay	1 Hours
Keypad Beeps	Yes
Keypad Delay	300 mSeconds
Keypad Rate	50 mSeconds
Job / Workorder ID Length	6 Characters
Language	Meter Default
Set Language	

If you have other language options available on your instrument, you can change the default language. You must restart the device before language changes take affect.

Ethernet Settings

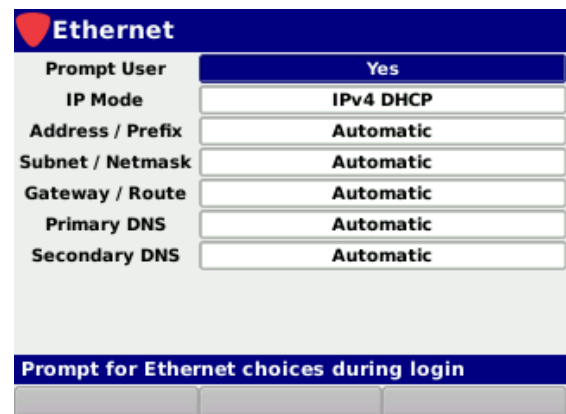
Select the **Ethernet** button as shown in the image to the right to view/edit the Ethernet settings for the 802 AWE.



The image shows the 'Meter Configuration' screen. It has a blue header with a red heart icon and the text 'Meter Configuration'. Below the header are three rows of buttons. The first row contains 'Global', 'User', and 'Interface'. The second row contains 'Ethernet' (which is highlighted with a blue background), 'Wi-Fi', and 'Bluetooth'. Below these are two more rows of empty buttons. At the bottom, there is a blue header with the text 'Ethernet Settings' and three empty buttons below it.

The **Ethernet** screen will be displayed as shown in the image to the right. This screen allows you to modify the Ethernet connection settings.

From within the **Ethernet** screen, use the left/right arrow buttons on the keypad to navigate through the list of setup items.



The image shows the 'Ethernet' settings screen. It has a blue header with a red heart icon and the text 'Ethernet'. Below the header is a table with two columns: 'Prompt User' and 'Yes'. The table contains the following rows: 'IP Mode' with 'IPv4 DHCP', 'Address / Prefix' with 'Automatic', 'Subnet / Netmask' with 'Automatic', 'Gateway / Route' with 'Automatic', 'Primary DNS' with 'Automatic', and 'Secondary DNS' with 'Automatic'. Below the table is a blue header with the text 'Prompt for Ethernet choices during login' and three empty buttons below it.

Prompt User

The **Prompt User** setting is used to prompt a user with the **Network Settings** window before connecting to a network.

The default setting for **Prompt User** is **Yes**, use the left/right arrow buttons to select from the following preset values:

- Select **Yes** to prompt the user with the **Network Settings** window before connecting to a network.
- Select **No** to automatically connect using the default network settings.

Ethernet	
Prompt User	Yes
IP Mode	IPv4 DHCP
Address / Prefix	Automatic
Subnet / Netmask	Automatic
Gateway / Route	Automatic
Primary DNS	Automatic
Secondary DNS	Automatic
<div>Prompt for Ethernet choices during login</div> <div> <input type="button" value="Left"/> <input type="button" value="Right"/> </div>	

IP Mode

The **IP Mode** setting is used to set which type of network connection to establish when logging into a network.

The default setting for **IP mode** is **IPv4 DHCP**, use the left/right arrow buttons to select from the following preset values:

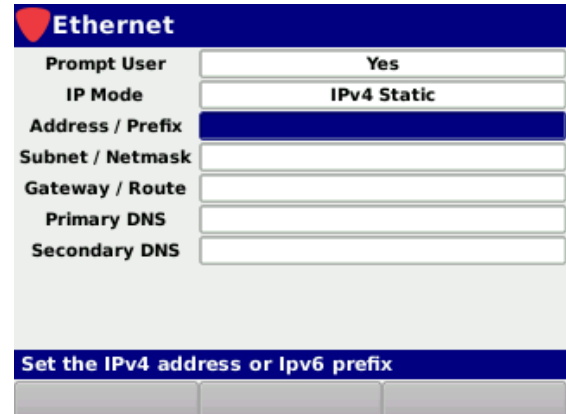
- Select **IPv4 DHCP** to automatically obtain an IP address from a DHCP server. In this mode, the network settings cannot be adjusted and are populated with the text **Automatic**.
- Select **IPv4 Static** to manually enter the network settings. In this mode, all of the network settings must be manually adjusted as shown in the following sections.

Ethernet	
Prompt User	Yes
IP Mode	IPv4 DHCP
Address / Prefix	Automatic
Subnet / Netmask	Automatic
Gateway / Route	Automatic
Primary DNS	Automatic
Secondary DNS	Automatic
<div>Set the Ethernet IP mode</div> <div> <input type="button" value="Left"/> <input type="button" value="Right"/> </div>	

Ethernet	
Prompt User	Yes
IP Mode	IPv4 Static
Address / Prefix	
Subnet / Netmask	
Gateway / Route	
Primary DNS	
Secondary DNS	
<div>Set the Ethernet IP mode</div> <div> <input type="button" value="Left"/> <input type="button" value="Right"/> </div>	

Address / Prefix

When **IP Mode** is set to **IPv4 Static**, the **Address / Prefix** setting is used to set the IP address of the network connection.

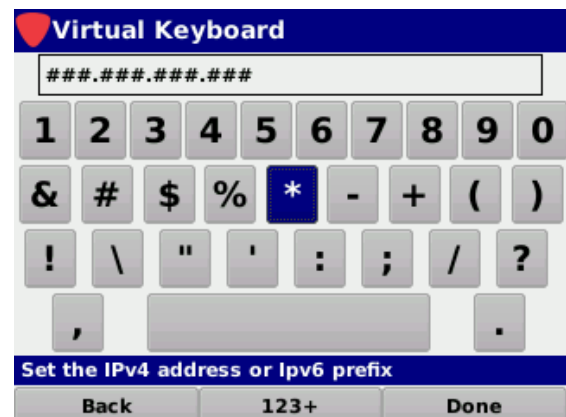


The Ethernet configuration screen shows the following settings:

Prompt User	Yes
IP Mode	IPv4 Static
Address / Prefix	
Subnet / Netmask	
Gateway / Route	
Primary DNS	
Secondary DNS	

Below the settings is a blue bar with the text "Set the IPv4 address or Ipv6 prefix".

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right. Use the **Virtual Keyboard** to enter the IP Address in the `###.###.###.###` format.



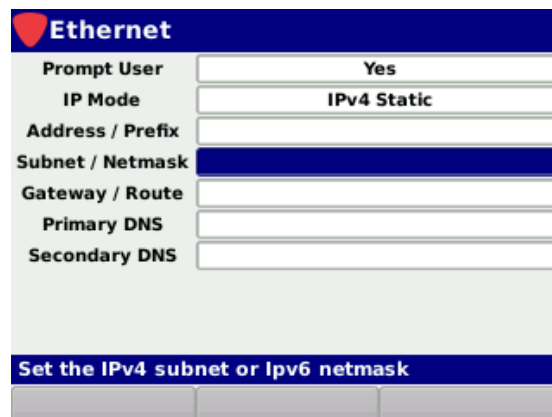
The Virtual Keyboard screen shows a text input field with the placeholder text "###.###.###.###". Below the input field is a numeric keypad with the following keys:

1	2	3	4	5	6	7	8	9	0
&	#	\$	%	*	-	+	()	
!	\	"	'	:	;	/	?		
,									.

Below the keypad is a blue bar with the text "Set the IPv4 address or Ipv6 prefix". At the bottom are three buttons: "Back", "123+", and "Done".

Subnet / Netmask

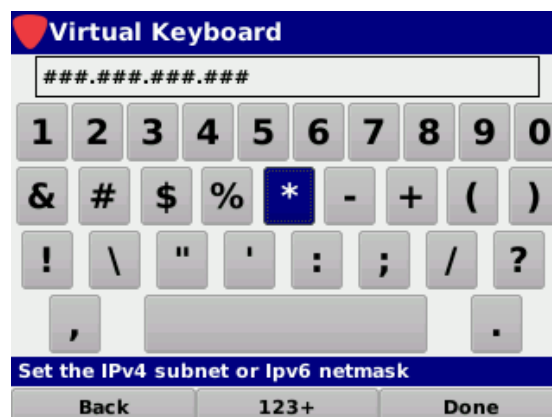
When **IP Mode** is set to **IPv4 Static**, the **Subnet / Netmask** setting is used to set the subnet address of the network connection.



Ethernet	
Prompt User	Yes
IP Mode	IPv4 Static
Address / Prefix	
Subnet / Netmask	
Gateway / Route	
Primary DNS	
Secondary DNS	

Set the IPv4 subnet or Ipv6 netmask

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right. Use the **Virtual Keyboard** to enter the subnet address in the **###.###.###.###** format.



Virtual Keyboard

###.###.###.###

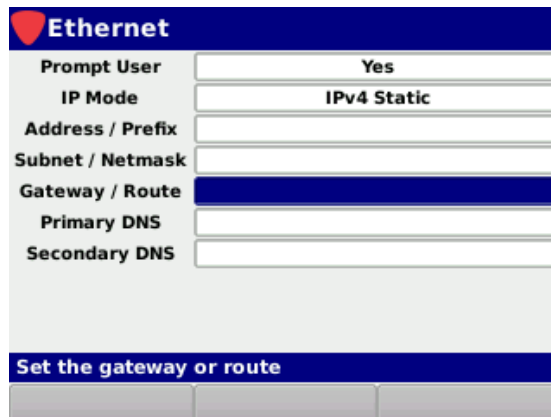
1	2	3	4	5	6	7	8	9	0
&	#	\$	%	*	-	+	()	
!	\	"	'	:	;	/	?		
,								.	

Set the IPv4 subnet or Ipv6 netmask

Back 123+ Done

Gateway / Route

When **IP Mode** is set to **IPv4 Static**, the **Gateway / Route** setting is used to set the subnet address of the network connection.



Ethernet	
Prompt User	Yes
IP Mode	IPv4 Static
Address / Prefix	
Subnet / Netmask	
Gateway / Route	
Primary DNS	
Secondary DNS	

Set the gateway or route

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right. Use the **Virtual Keyboard** to enter the gateway address in the **###.###.###.###** format.



Virtual Keyboard

###.###.###.###

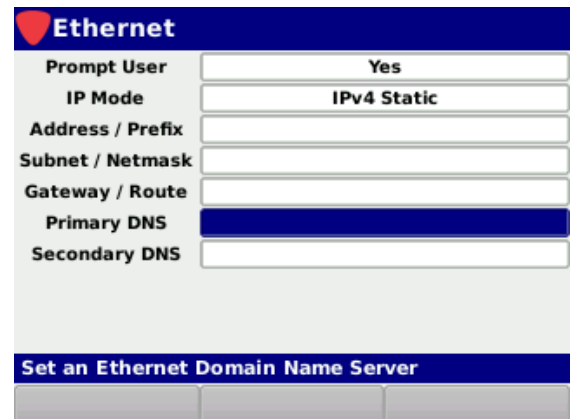
1	2	3	4	5	6	7	8	9	0
&	#	\$	%	*	-	+	()	
!	\	"	'	:	;	/	?		
,								.	

Set the gateway or route

Back 123+ Done

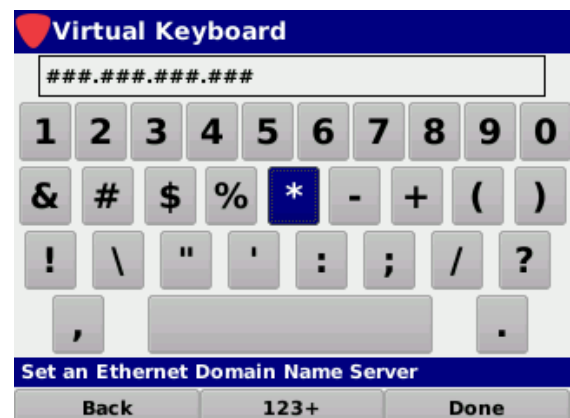
Primary DNS

When **IP Mode** is set to **IPv4 Static**, the **Primary DNS** setting is used to set the primary domain name server address of the network connection.



The screenshot shows the 'Ethernet' configuration screen. It has a blue header with a red heart icon and the word 'Ethernet'. Below the header are several fields: 'Prompt User' with a dropdown set to 'Yes', 'IP Mode' with a dropdown set to 'IPv4 Static', 'Address / Prefix', 'Subnet / Netmask', 'Gateway / Route', 'Primary DNS' (which is highlighted with a blue background), and 'Secondary DNS'. At the bottom of the screen is a blue bar with the text 'Set an Ethernet Domain Name Server'.

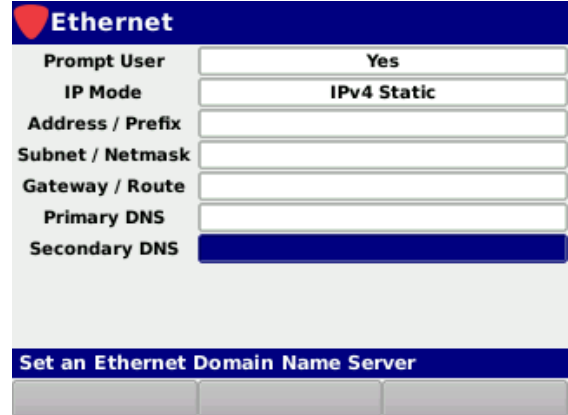
Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right. Use the **Virtual Keyboard** to enter the primary DNS address in the **###.###.###.###** format.



The screenshot shows the 'Virtual Keyboard' screen. It has a blue header with a red heart icon and the text 'Virtual Keyboard'. Below the header is a text input field containing the placeholder text '###.###.###.###'. Below the input field is a grid of buttons: a row of numbers 1-0, a row of symbols &, #, \$, %, *, -, +, (,), a row of symbols !, \, ", ', :, ;, /, ?, a row with a comma/semicolon button, a spacebar, and a period/apostrophe button. At the bottom of the screen is a blue bar with the text 'Set an Ethernet Domain Name Server'. Below this bar are three buttons: 'Back', '123+', and 'Done'.

Secondary DNS

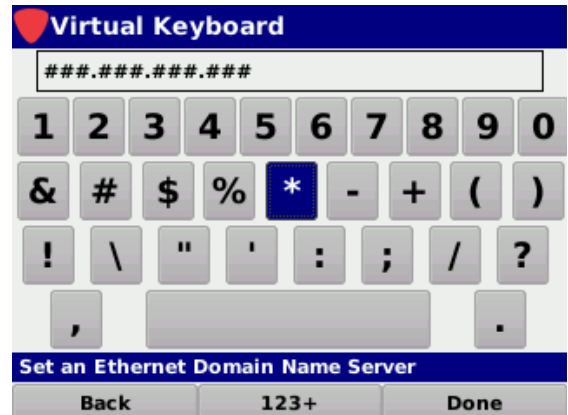
When **IP Mode** is set to **IPv4 Static**, the **Secondary DNS** setting is used to set the secondary domain name server address of the network connection.



Ethernet	
Prompt User	Yes
IP Mode	IPv4 Static
Address / Prefix	
Subnet / Netmask	
Gateway / Route	
Primary DNS	
Secondary DNS	

Set an Ethernet Domain Name Server

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right. Use the **Virtual Keyboard** to enter the secondary DNS address in the **###.###.###.###** format.



Virtual Keyboard

###.###.###.###

1	2	3	4	5	6	7	8	9	0
&	#	\$	%	*	-	+	()	
!	\	"	'	:	;	/	?		
,								.	

Set an Ethernet Domain Name Server

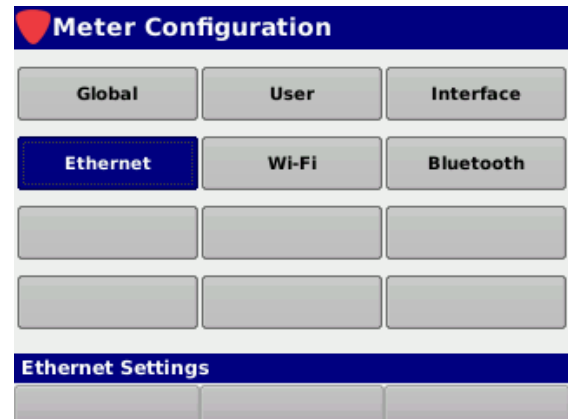
Back 123+ Done

Wi-Fi Settings

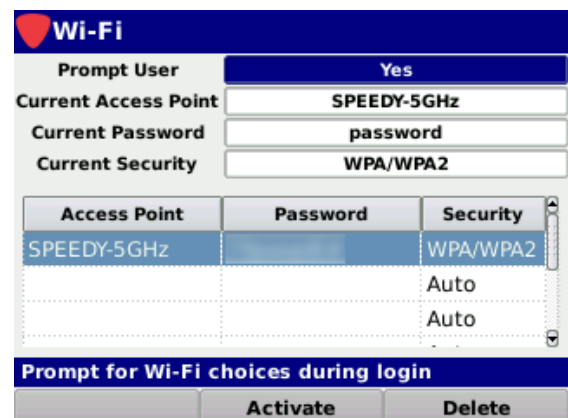
Select the **Wi-Fi** button as shown in the image to the right to view/edit the Wi-Fi settings for the 802 AWE.

The **Wi-Fi** screen will be displayed as shown in the image to the right. This screen allows you to modify the Wi-Fi connection settings.

From within the **Wi-Fi** screen, use the left/right arrow buttons on the keypad to navigate through the list of setup items.



The Meter Configuration screen displays three tabs: Global, User, and Interface. Below these are three rows of buttons for Ethernet, Wi-Fi, and Bluetooth. The Wi-Fi button is highlighted. Below the buttons is a section for Ethernet Settings.



The Wi-Fi screen displays the following settings:

- Prompt User: Yes
- Current Access Point: SPEEDY-5GHz
- Current Password: password
- Current Security: WPA/WPA2

Access Point	Password	Security
SPEEDY-5GHz		WPA/WPA2
		Auto
		Auto

Prompt for Wi-Fi choices during login

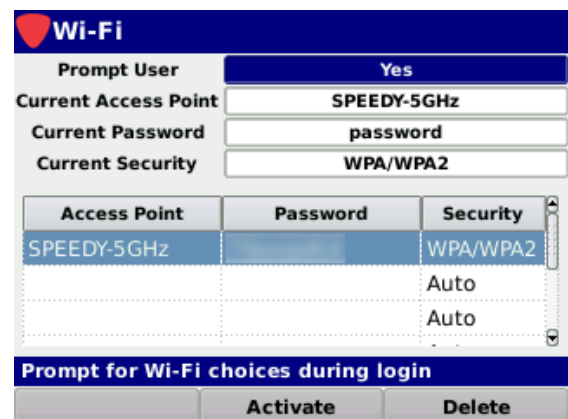
Activate Delete

Prompt User

The **Prompt User** setting is used to prompt a user with the **Network Settings** window before logging into a network.

The default setting for **Prompt User** is **Yes**, use the left/right arrow buttons to select from the following preset values:

- Select **Yes** to prompt the user with the **Network Settings** window before connecting to a network.
- Select **No** to automatically connect using the default network settings.



The Wi-Fi screen displays the following settings:

- Prompt User: Yes
- Current Access Point: SPEEDY-5GHz
- Current Password: password
- Current Security: WPA/WPA2

Access Point	Password	Security
SPEEDY-5GHz		WPA/WPA2
		Auto
		Auto

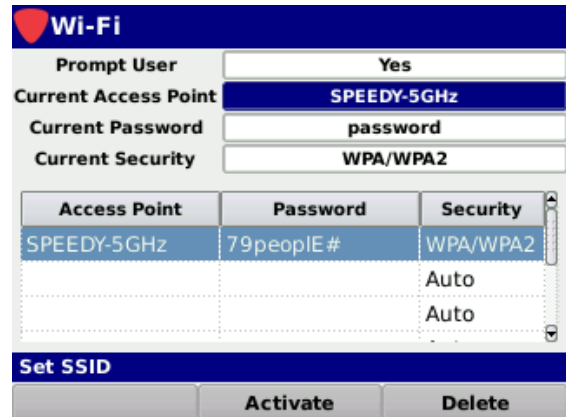
Prompt for Wi-Fi choices during login

Activate Delete

Current Access Point

The **Current Access Point** setting is used to set the SSID of the default Wi-Fi network.

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right. Use the **Virtual Keyboard** to enter the name of the access point.



Wi-Fi

Prompt User	Yes
Current Access Point	SPEEDY-5GHz
Current Password	password
Current Security	WPA/WPA2

Access Point	Password	Security
SPEEDY-5GHz	79people#	WPA/WPA2
		Auto
		Auto

Set SSID

Activate Delete



Virtual Keyboard

SPEEDY-5GHz

q	w	e	r	t	y	u	i	o	p
a	s	d	f	g	h	j	k	l	
z	x	c	v	b	n	m	@		
,							.		

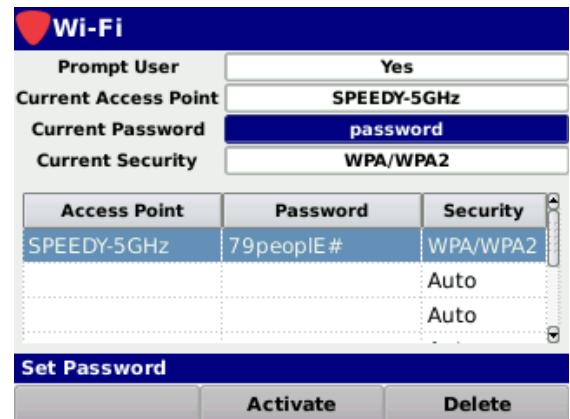
Set SSID

Back ABC Done

Current Password

The **Current Password** setting is used to set the password of the default Wi-Fi network.

Press the **Enter** button and the **Virtual Keyboard** will be displayed as shown in the image to the right. Use the **Virtual Keyboard** to enter the password of the Wi-Fi network.



Wi-Fi

Prompt User	Yes
Current Access Point	SPEEDY-5GHz
Current Password	password
Current Security	WPA/WPA2

Access Point	Password	Security
SPEEDY-5GHz	79people#	WPA/WPA2
		Auto
		Auto

Set Password

Activate Delete



Virtual Keyboard

password

q	w	e	r	t	y	u	i	o	p
a	s	d	f	g	h	j	k	l	
z	x	c	v	b	n	m	@		
,							.		

Set Password

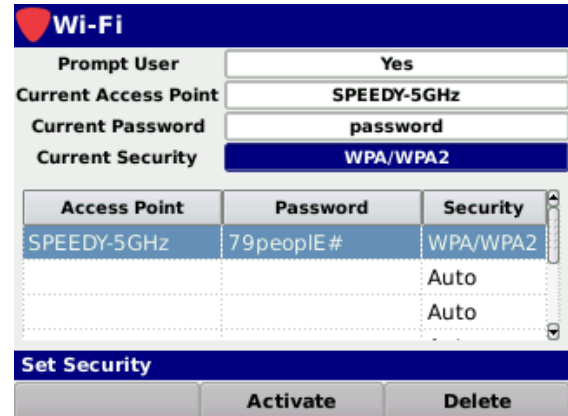
Back ABC Done

Current Security

The **Current Security** setting is used to set the security of the selected Wi-Fi network.

The default setting for **Current Security** is **Auto**, use the left/right arrow buttons to select from the following preset values:

- **Auto** – This will automatically set the security protocol of the Wi-Fi access point.
- **WEP 40/64** – This is the Wired Equivalency Privacy (WEP) security protocol with a 40 or 64 bit hexadecimal security key.
- **WEP 104/128** – This is the Wired Equivalency Privacy (WEP) security protocol with a 104 or 128 bit hexadecimal security key.
- **WPA/WPA2** – This is either the Wi-Fi Protected Access (WPA-PSK, TKIP) with a 256 bit key (64 hexadecimal digits) or Wi-Fi Protected Access II (WPA2-PSK) security protocol with a passphrase of 8 to 63 ACSII characters.



The screenshot shows a 'Wi-Fi' configuration window. It has several fields: 'Prompt User' set to 'Yes', 'Current Access Point' set to 'SPEEDY-5GHz', 'Current Password' set to 'password', and 'Current Security' set to 'WPA/WPA2'. Below these is a table with three columns: 'Access Point', 'Password', and 'Security'. The table contains three rows: the first row is 'SPEEDY-5GHz', '79people#', and 'WPA/WPA2'; the second row is empty with 'Auto' in the Security column; the third row is empty with 'Auto' in the Security column. At the bottom, there is a 'Set Security' section with 'Activate' and 'Delete' buttons.

Access Point	Password	Security
SPEEDY-5GHz	79people#	WPA/WPA2
		Auto
		Auto

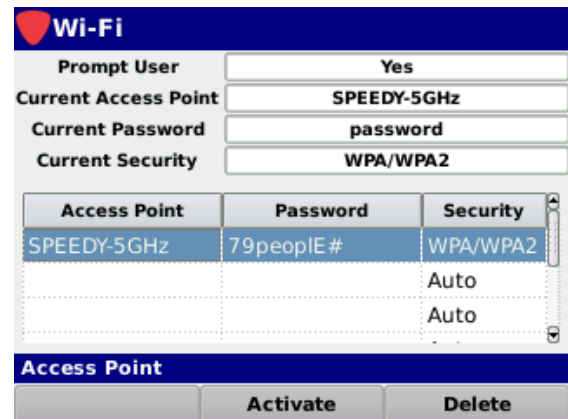
Set Security

Activate Delete

Select Default Access Point

Highlight the desired access point from the access points table and then select the **Activate** softkey.

The **Continue** window will be displayed as shown in the image to the right. Select the **OK** button to continue or select the **Cancel** button to exit without setting the default access point.



Wi-Fi

Prompt User: Yes

Current Access Point: SPEEDY-5GHz

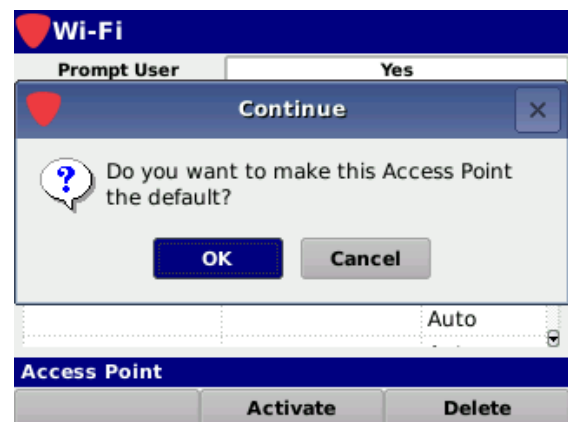
Current Password: password

Current Security: WPA/WPA2

Access Point	Password	Security
SPEEDY-5GHz	79people#	WPA/WPA2
		Auto
		Auto

Access Point

Activate Delete



Wi-Fi

Prompt User: Yes

Continue [X]

? Do you want to make this Access Point the default?

OK Cancel

Auto

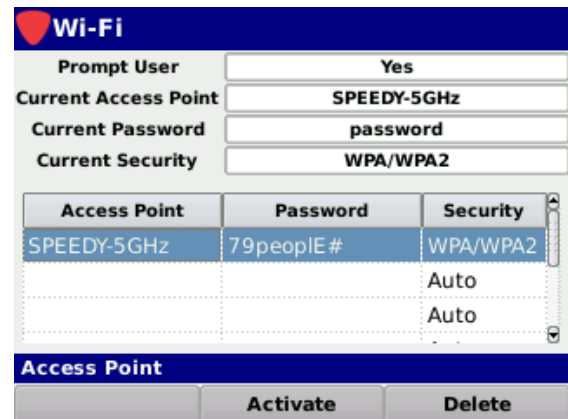
Access Point

Activate Delete

Delete a Saved Access Point

Highlight the desired access point from the access points table and then select the **Delete** softkey.

The **Continue** window will be displayed as shown in the image to the right. Select the **OK** button to continue or select the **Cancel** button to exit without deleting the saved access point.



Wi-Fi		
Prompt User	Yes	
Current Access Point	SPEEDY-5GHz	
Current Password	password	
Current Security	WPA/WPA2	
Access Point	Password	Security
SPEEDY-5GHz	79people#	WPA/WPA2
		Auto
		Auto
Access Point		
Activate		Delete



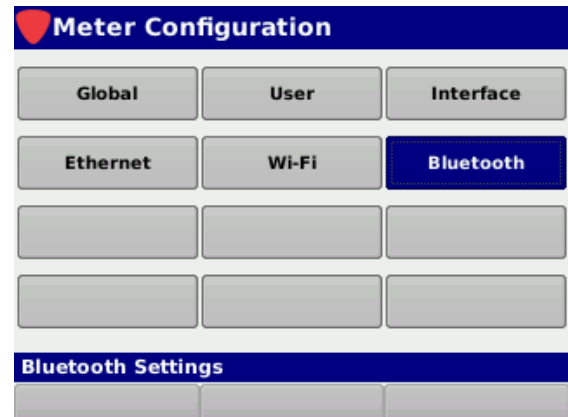
Wi-Fi		
Prompt User	Yes	
<div> <div>Continue</div> <div>  Do you want to delete this Access Point? </div> <div> <div>OK</div> <div>Cancel</div> </div> </div>		
		Auto
Access Point		
Activate		Delete

Bluetooth Settings

Select the **Bluetooth** button as shown in the image to the right to view/edit the Bluetooth settings for the 802 AWE.

The **Bluetooth** screen will be displayed as shown in the image to the right. This screen allows you to modify the Bluetooth connection settings.

From within the **Bluetooth** screen, use the left/right arrow buttons on the keypad to navigate through the list of setup items.

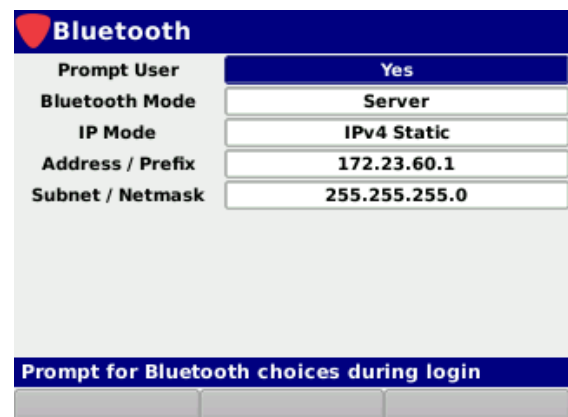


Meter Configuration

Global	User	Interface
Ethernet	Wi-Fi	Bluetooth

Bluetooth Settings

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Bluetooth

Prompt User	Yes
Bluetooth Mode	Server
IP Mode	IPv4 Static
Address / Prefix	172.23.60.1
Subnet / Netmask	255.255.255.0

Prompt for Bluetooth choices during login

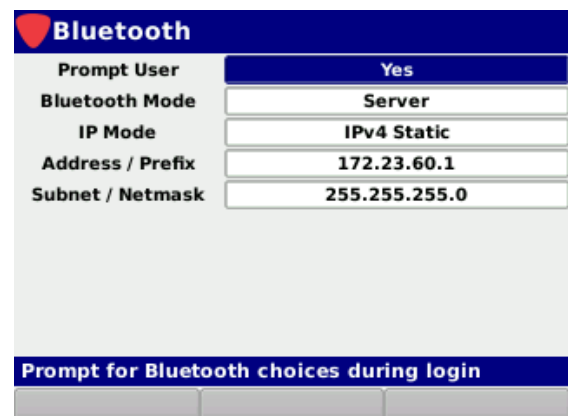
--	--	--

Prompt User

The **Prompt User** setting is used to prompt a user with the **Network Settings** window before logging into a network.

The default setting for **Prompt User** is **Yes**, use the left/right arrow buttons to select from the following preset values:

- Select **Yes** to prompt the user with the **Network Settings** window before connecting to a network.
- Select **No** to automatically connect using the default network settings.



Bluetooth

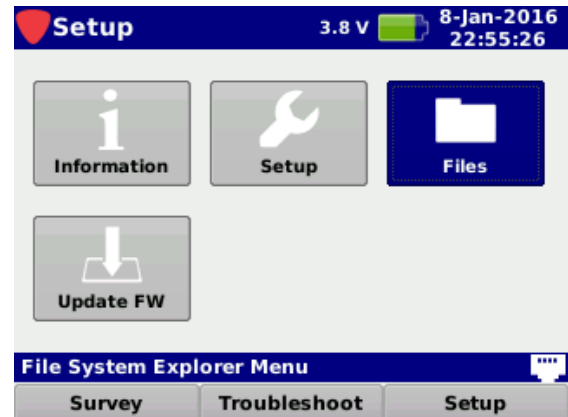
Prompt User	Yes
Bluetooth Mode	Server
IP Mode	IPv4 Static
Address / Prefix	172.23.60.1
Subnet / Netmask	255.255.255.0

Prompt for Bluetooth choices during login

--	--	--

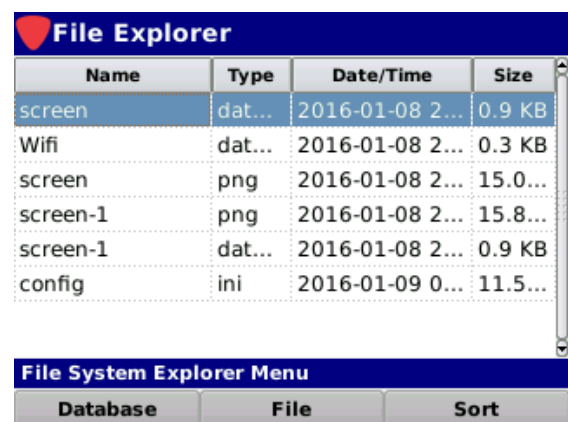
Overview

Select the **Files** icon as shown in the image to the right to view the files that are stored in the internal memory of the 802 AWE.



The **File Explorer** screen will be displayed as shown in the image to the right. This screen allows you to perform the following actions:

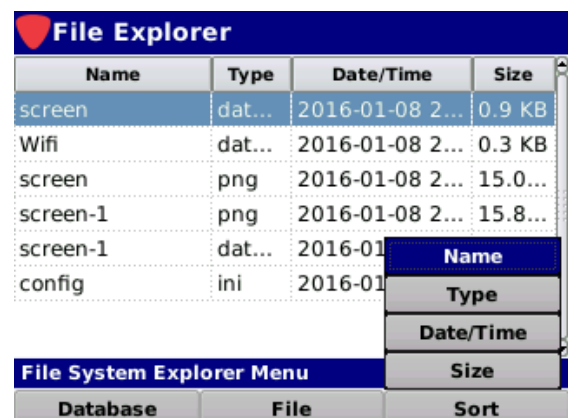
- View and sort files by; name, type, size and date/time saved
- Export files to USB
- Delete files
- Database backup & restore
- Save system logs



View & Sort

From within the **File Explorer** screen, use the arrow buttons on the keypad to navigate through the list of files.

Select the **Sort** softkey to sort the file list. Select from **Name**, **Type**, **Date/Time**, or **Size** sort types as shown in the image to the right.

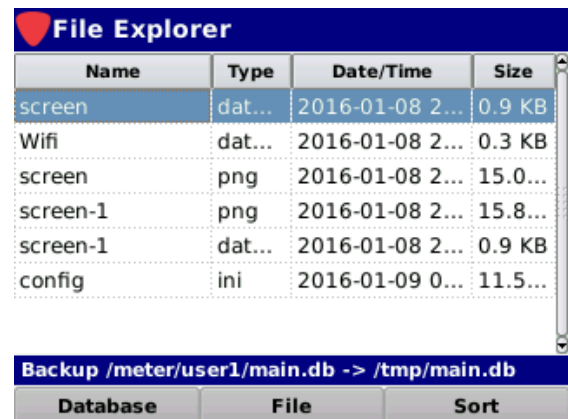
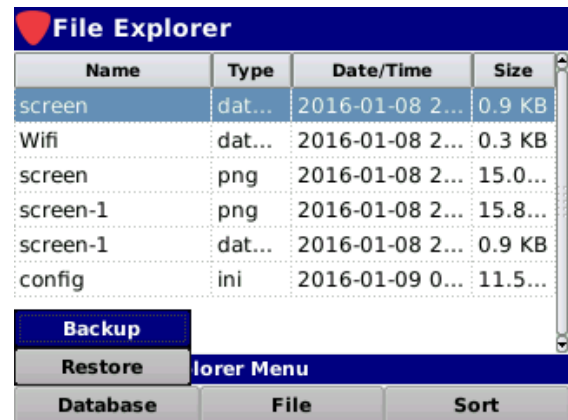


Database Backup

Backup to Internal Memory

Perform the following steps to backup the 802 AWE database file to the internal memory of the 802 AWE:

1. Select the **Database** softkey.
2. From the **Database** pop-up menu, select the **Backup** button as shown in the image to the right.
3. The Status Bar will indicate a successful backup to the internal memory by displaying the text “-> /tmp/main.db” as shown in the image below.



NOTE

This internal memory is lost on power down and is only used to clone users on the meter by backing up the database of one user and restoring the database to another user.



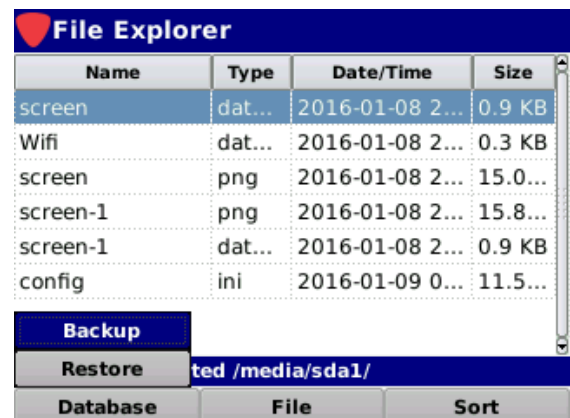
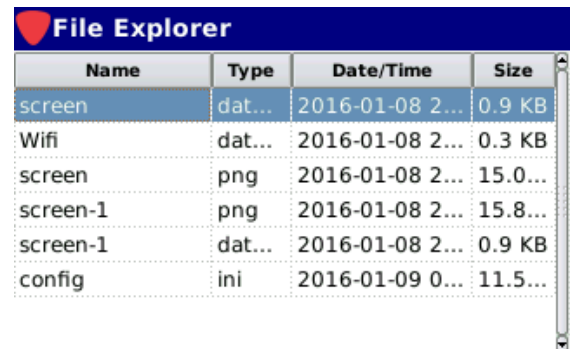
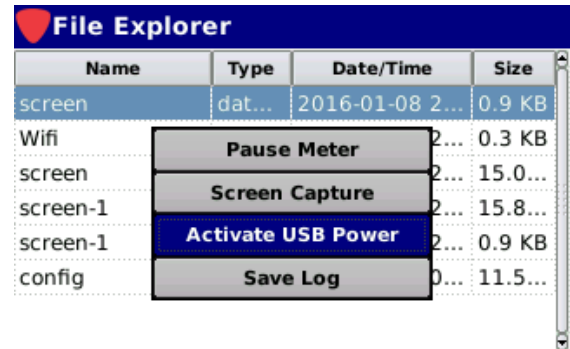
NOTE

This function is useful when cloning the device settings between users on the same meter. When importing the database file under another user, all device settings will be updated while retaining the existing user information.

Backup to USB Flash Drive

Perform the following steps to backup the 802 AWE database file to a USB flash drive:

1. Insert the USB flash drive adapter into the USB port of the 802 AWE
2. Then insert a USB flash drive into the USB flash drive adapter.
3. Press the **Function** button and select the **Activate USB Power** function as shown in the image to the right.
4. The power to the USB flash drive is activated and the drive is now mounted to the file system as shown in the image to the right. The 802 AWE is now capable of transferring files to and from the USB flash drive.
5. Select the **Database** softkey.
6. From the **Database** pop-up menu, select the **Backup** button as shown in the image to the right.



- The **Message Bar** will indicate a successful backup to the flash drive by displaying the text “-> /media/sda1/main.db” as shown in the image below.

File Explorer			
Name	Type	Date/Time	Size
screen	dat...	2016-01-08 2...	0.9 KB
Wifi	dat...	2016-01-08 2...	0.3 KB
screen	png	2016-01-08 2...	15.0...
screen-1	png	2016-01-08 2...	15.8...
screen-1	dat...	2016-01-08 2...	0.9 KB
config	ini	2016-01-09 0...	11.5...

Backup /meter/user1/main.db -> /media/sda1/main.

Database	File	Sort
----------	------	------



NOTE

This function is useful when cloning the device settings between different meters. When importing the database file on another meter, all device settings will be updated while retaining the existing user information.

Database Restore

Restore from Internal Memory

Perform the following steps to restore the 802 AWE database file from the internal memory of the 802 AWE:

- Select the **Database** softkey.
- From the **Database** pop-up menu, select the **Restore** button as shown in the image to the right.
- The entire database will be restored from the internal memory of the 802 AWE.

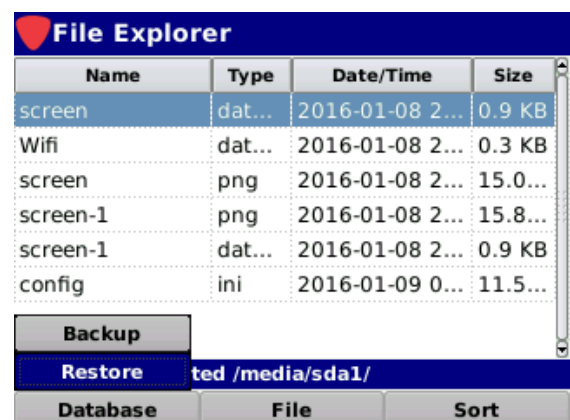
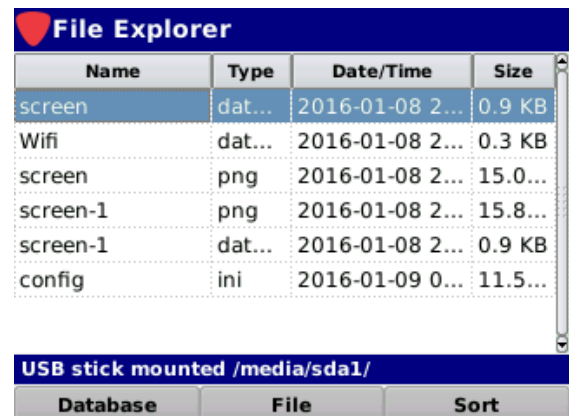
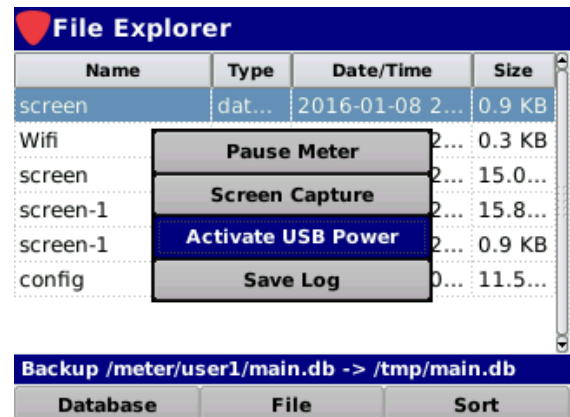
File Explorer			
Name	Type	Date/Time	Size
ACME C	da...	1970-01-0...	0.4 KB
Test	da...	1970-01-0...	0.4 KB
ACME Cable	da...	1970-01-0...	0.4 KB
battery1970...	ba...	2015-03-3...	1.0 KB
Final Check ...	limit	2014-02-1...	1.0 KB
battery1970...	ba...	1970-01-0...	0.1 KB
Backup	png	1970-01-0...	13.4 KB
Restore	da...	1970-01-0...	0.9 KB

Database	File	Sort
----------	------	------

Restore from USB Flash Drive

Perform the following steps to restore the 802 AWE database file from a USB flash drive:

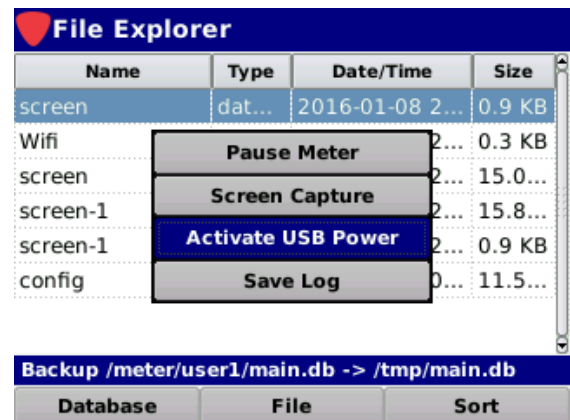
1. Insert the USB flash drive adapter into the USB port of the 802 AWE.
2. Insert a USB flash drive into the USB flash drive adapter.
3. Press the **Function** button and select the **Activate USB Power** function as shown in the image to the right.
4. The power to the USB flash drive is activated and the drive is now mounted to the file system as shown in the image to the right. The 802 AWE is now capable of transferring files to and from the USB flash drive.
5. Select the **Database** softkey.
6. From the **Database** pop-up menu, select the **Restore** button as shown in the image to the right.
7. The entire database will be restored from the USB flash drive.



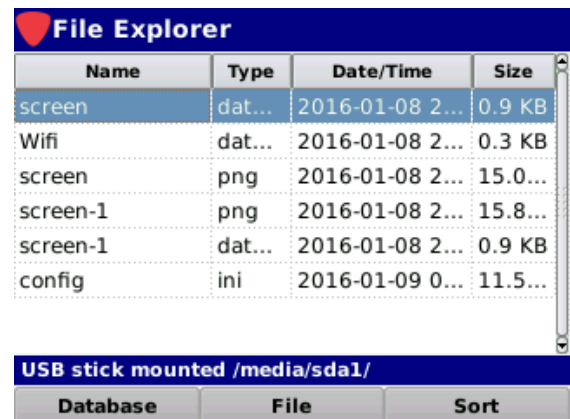
Cloning Meter Settings to a New Meter

Perform the following steps to clone all files from one 802 AWE to another:

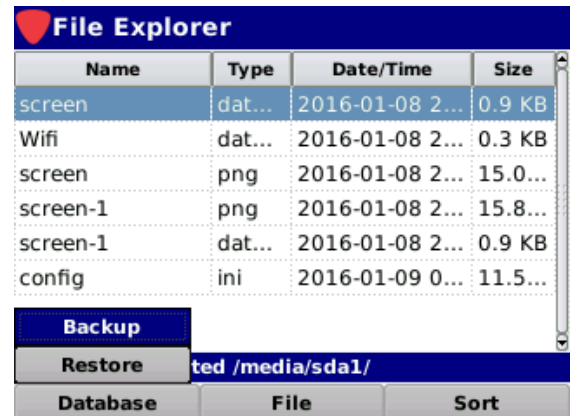
1. Insert the USB flash drive adapter into the USB port of the 802 AWE.
2. Insert a USB flash drive into the USB flash drive adapter.
3. Press the **Function** button and select the **Activate USB Power** function as shown in the image to the right.



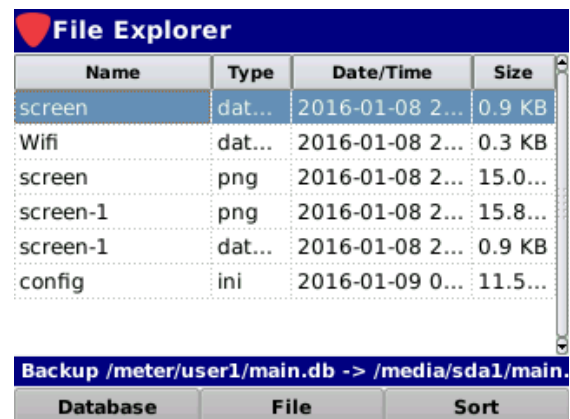
4. The power to the USB flash drive is activated and the drive is now mounted to the file system as shown in the image to the right. The 802 AWE is now capable of transferring files to and from the USB flash drive.



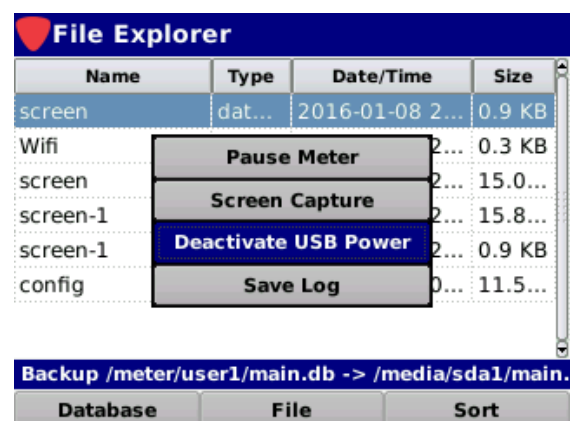
5. Select the **Database** softkey.
6. From the **Database** pop-up menu, select the **Backup** button as shown in the image to the right.



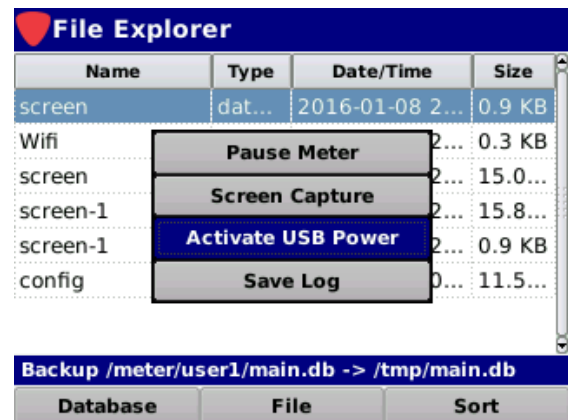
7. The **Message Bar** will indicate a successful backup to the flash drive by displaying the text “-> /media/sda1/main.db” as shown in the image to the right.



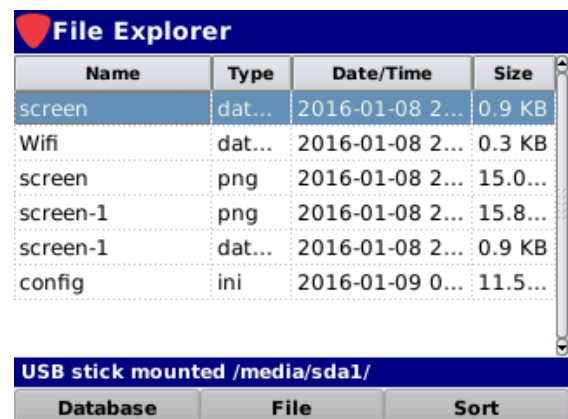
8. Press the **Function** button and select the **Deactivate USB Power** function as shown in the image to the right.
9. Remove the USB flash drive and adapter from the meter to clone.
10. Login to an existing user or create a new user on the new meter to clone to.
11. Insert the USB flash drive adapter and USB flash drive into the USB port of the new meter to clone to.



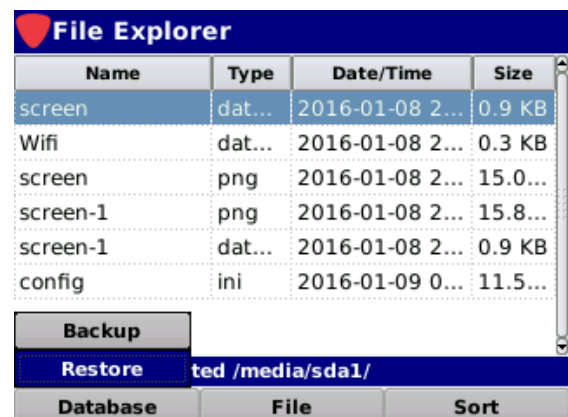
12. Press the **Function** button and select the **Activate USB Power** function as shown in the image to the right.



13. The power to the USB flash drive is activated and the drive is now mounted to the file system as shown in the image to the right. The 802 AWE is now capable of transferring files to and from the USB flash drive.



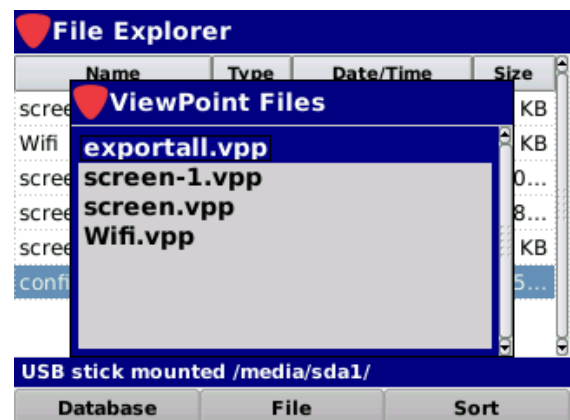
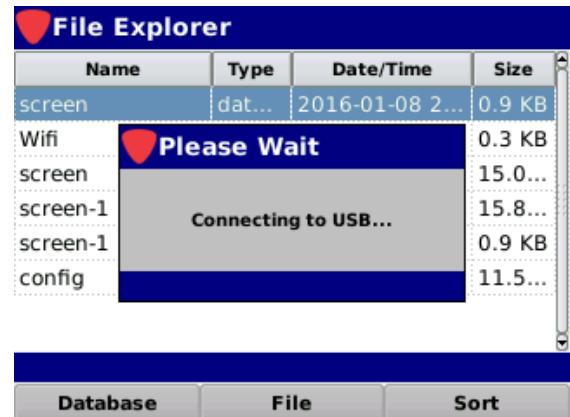
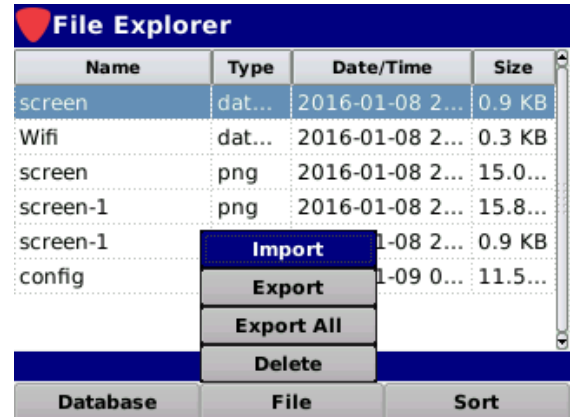
14. Select the **Database** softkey.
15. From the **Database** pop-up menu, select the **Restore** button.
16. The clone process is now complete. To continue with additional meters, return to step 8, as the database file on your memory stick may be used for all your meters. You will not have to export another database file unless there are additional files you want to move.



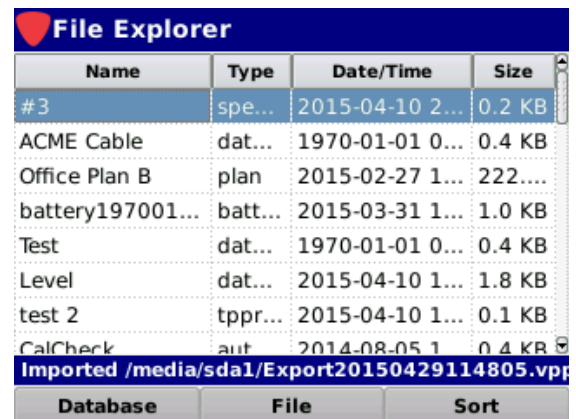
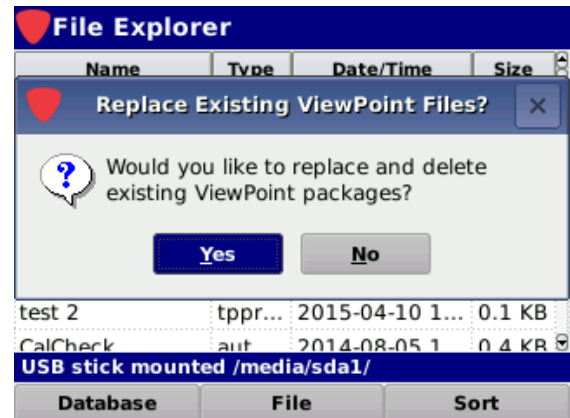
Import ViewPoint Files from a USB Flash Drive

Perform the following steps to import a ViewPoint package file from a USB flash drive:

1. Insert the USB flash drive adapter into the USB port of the 802 AWE.
2. Then insert a USB flash drive into the USB flash drive adapter.
3. Press the **Function** button and select the **Activate USB Power** function as shown in the image to the right.
4. Select the **File** softkey.
5. From the **File** pop-up menu, select the **Import** button as shown in the image to the right.
6. The 802 AWE will automatically connect to the attached USB flash drive as shown in the image to the right.
7. From the **ViewPoint Files** window, use the arrow buttons to highlight the file you would like to import.



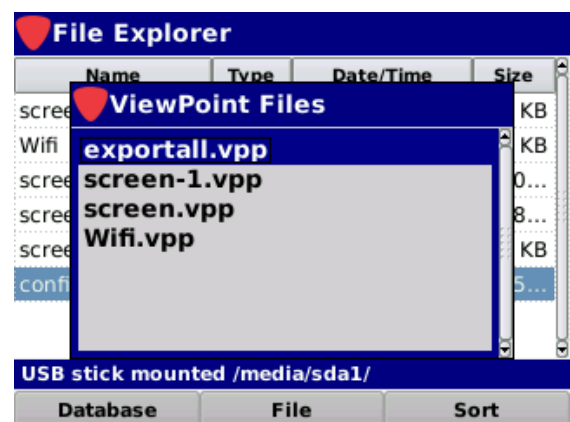
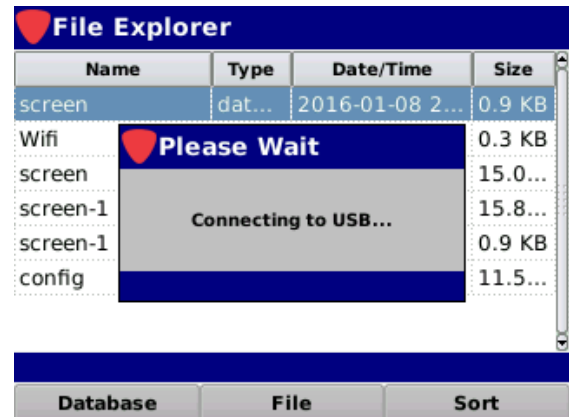
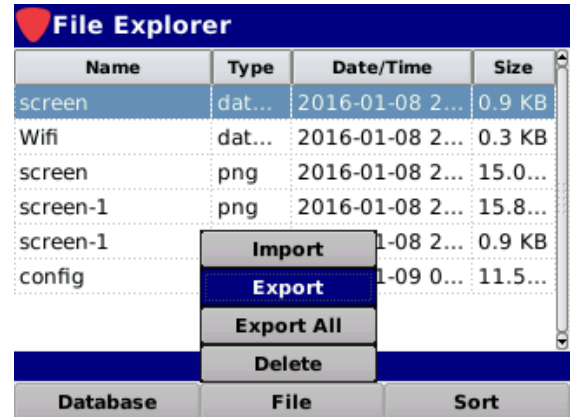
8. A confirmation window will be displayed as shown in the image to the right. If you have existing ViewPoint files on the meter, it will ask if you want to replace them.
9. Select the **Yes** button to import the file and replace existing files or select **No** to keep the existing package files and import the new package.
10. The **Message Bar** will indicate a successful import from the flash drive by displaying the text "**Imported /media/sda1/<file_name>**" as shown in the image to the right.



Export a File

Perform the following steps to export a single file to a USB flash drive:

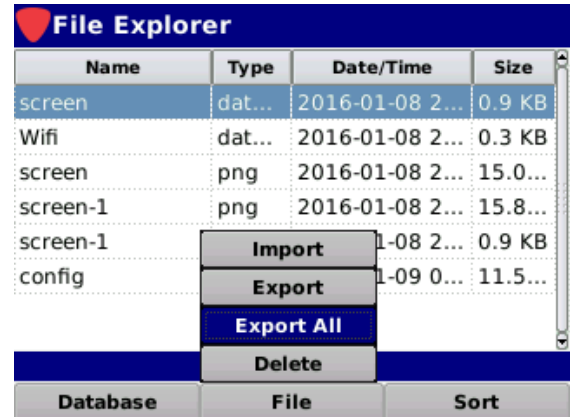
1. Insert the USB flash drive adapter into the USB port of the 802 AWE
2. Then insert a USB flash drive into the USB flash drive adapter.
3. Use the arrow buttons to highlight the file that you would like to export.
4. Select the **File** softkey.
5. From the **File** pop-up menu, select the **Export** button as shown in the image to the right.
6. The 802 AWE will automatically connect to the attached USB flash drive as shown in the image to the right.
7. Later when you are ready to import, you will see the file listed in the ViewPoint files on the USB flash drive, as shown here.



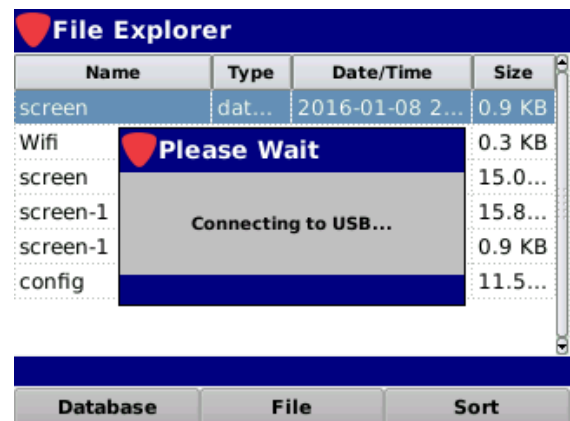
Export All Files

Perform the following steps to export all files to a USB flash drive:

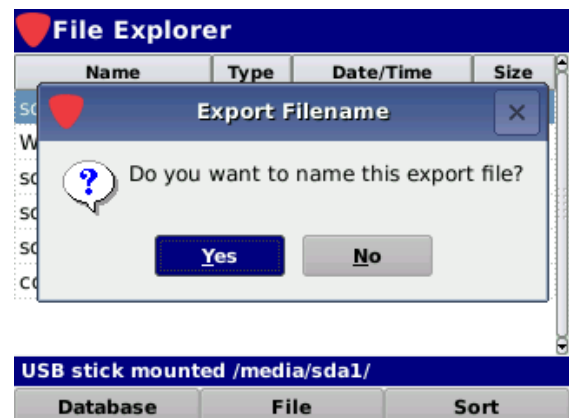
1. Insert the USB flash drive adapter into the USB port of the 802 AWE
2. Then insert a USB flash drive into the USB flash drive adapter.
3. Select the **File** softkey.
4. From the **File** pop-up menu, select the **Export All** button as shown in the image to the right.



5. The 802 AWE will automatically connect to the attached USB flash drive as shown in the image to the right.



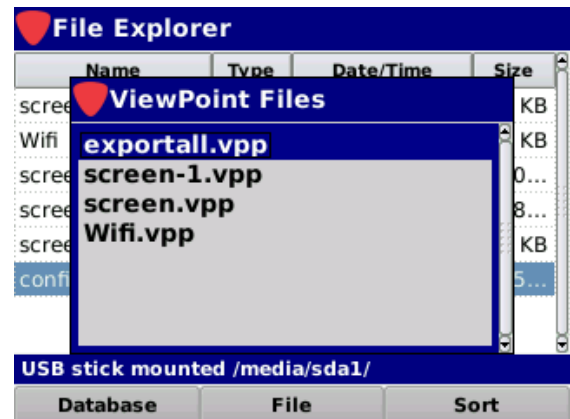
6. The **Export Filename** window will be displayed as shown in the image to the right.
7. Select the **Yes** button to name the export file or select **No** to use the date for the filename.



8. Use the **Virtual Keyboard** to enter the name of the new export file as shown in the image to the right.



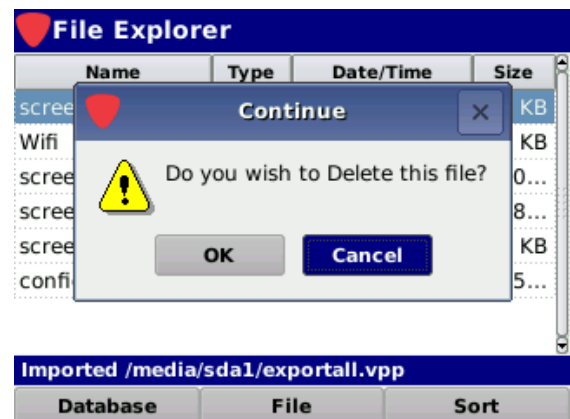
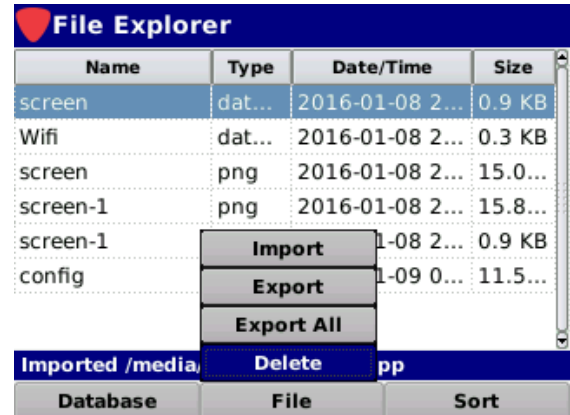
9. Later when you are ready to import, you will see the file listed in the ViewPoint files on the USB flash drive, as shown here.



Delete Files

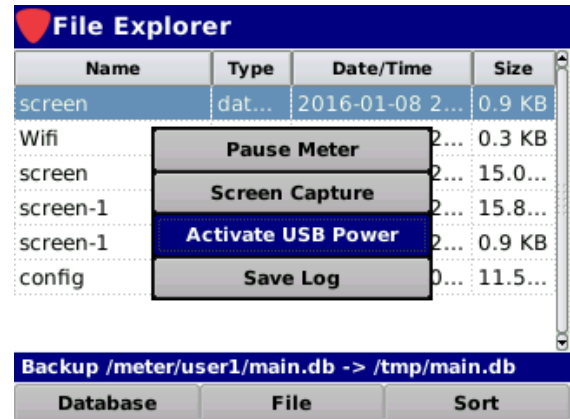
Perform the following steps to delete files from the internal memory of the 802 AWE:

1. Use the arrow buttons to highlight the file you want to delete.
2. Select the **File** softkey.
3. From the **File** pop-up menu, select the **Delete** button as shown in the image to the right.
4. The **Continue** window will be displayed as shown in the image to the right.
5. Select the **OK** button to delete the file or select the **Cancel** button to exit without deleting the file.



Function Menu Options

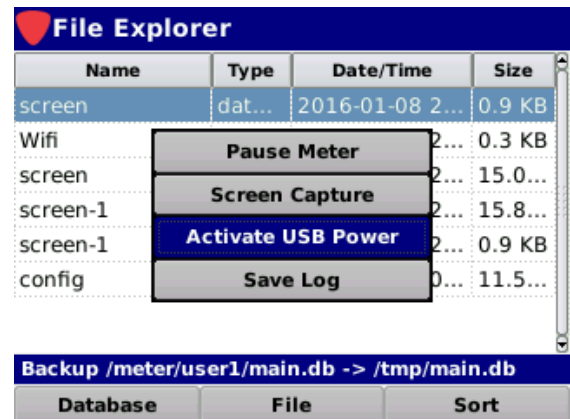
Additional functions can be accessed from within the **File Explorer** screen by pressing the **Function** button. The **Function** menu will be displayed as shown in the image to the right and includes the following functions specifically for the **File Explorer** screen.



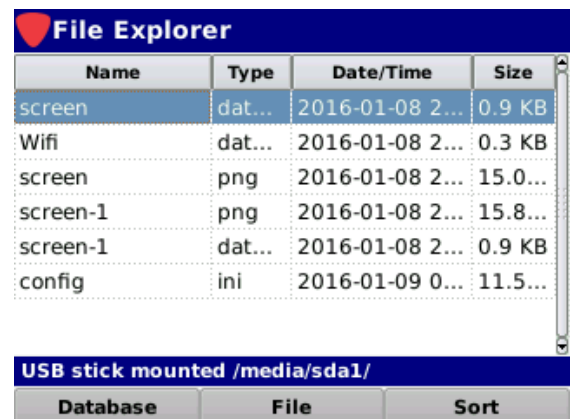
Activate USB Power

This function is used to activate power to the USB flash drive inserted into the USB port of the 802 AWE. The USB flash drive must be enabled before being able to be used.

Select the **Activate USB Power** button from the **Function** menu.



The power to the USB flash drive is activated and the drive is now mounted to the file system as shown in the image to the right. The 802 AWE is now capable of transferring files to and from the USB flash drive.

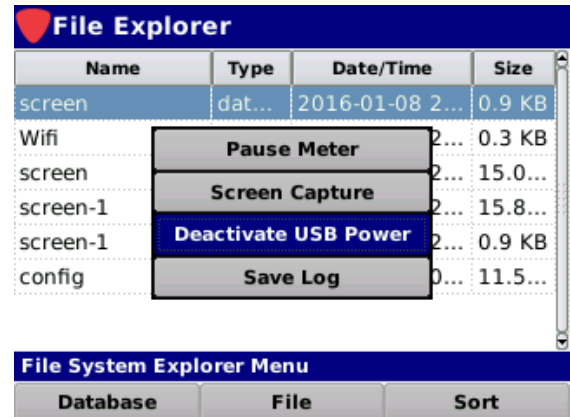


Deactivate USB Power

This function is used to deactivate power to the USB flash drive inserted into the USB port of the 802 AWE. The USB flash drive should be deactivated before removing.

Select the **Deactivate USB Power** button from the **Function** menu. The USB flash drive can now be removed.

The 802 AWE automatically deactivates the power to the USB flash drive when you exit the **File Explorer** screen.



Save Log File

This function is used when experiencing unexpected operation of the 802 AWE.

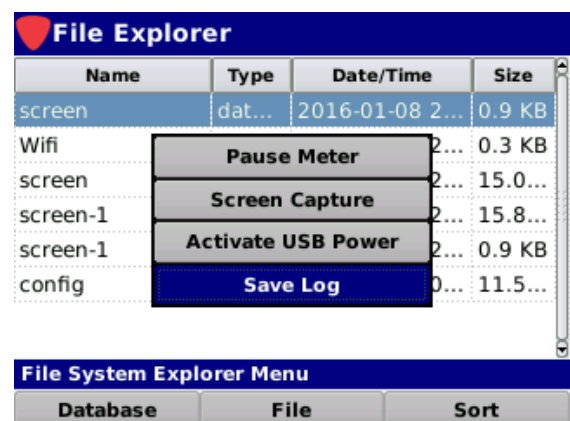


To save a log file, the Operating Level setting must be set to Logging, see Section II: Setup, Chapter 3: Meter Configuration, Global Settings.

Save to Internal Memory

This function is used primarily for hands-on factory and repair center troubleshooting. Perform the following steps to save the 802 AWE log file to the internal memory of the 802 AWE:

1. Select the **Save Log** button from the **Function** menu.



- The **Message Bar** will indicate a successful save to the internal memory of the 802 AWE by displaying the text “-> /tmp/slm360log.txt” as shown in the image to the right.

File Explorer			
Name	Type	Date/Time	Size
screen	dat...	2016-01-08 2...	0.9 KB
Wifi	dat...	2016-01-08 2...	0.3 KB
screen	png	2016-01-08 2...	15.0...
screen-1	png	2016-01-08 2...	15.8...
screen-1	dat...	2016-01-08 2...	0.9 KB
config	ini	2016-01-09 0...	11.5...

Save Log /tmp/slmlog.txt -> /tmp/slm360log.txt			
Database	File	Sort	

Save to a USB Flash Drive

This function is used primarily for remote troubleshooting with the Trilithic Applications Support Department. This file can be emailed to Trilithic for advanced troubleshooting.

Perform the following steps to save the 802 AWE log file to a USB flash drive:

- Insert the USB flash drive adapter into the USB port of the 802 AWE
- Then insert a USB flash drive into the USB flash drive adapter.
- Press the **Function** button and select the **Activate USB Power** function as shown in the image to the right.

File Explorer			
Name	Type	Date/Time	Size
screen	dat...	2016-01-08 2...	0.9 KB
Wifi	dat...	2016-01-08 2...	0.3 KB
screen	png	2016-01-08 2...	15.0...
screen-1	png	2016-01-08 2...	15.8...
screen-1	dat...	2016-01-08 2...	0.9 KB
config	ini	2016-01-09 0...	11.5...

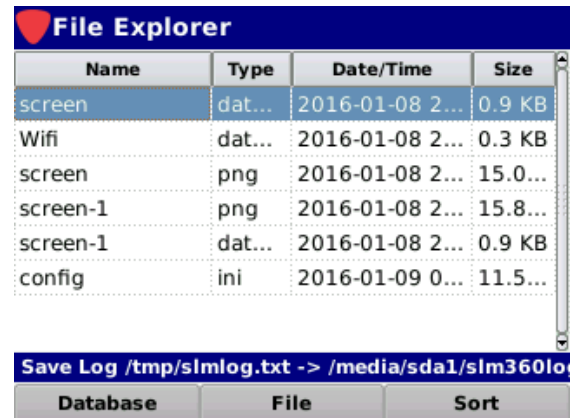
Backup /meter/user1/main.db -> /tmp/main.db			
Database	File	Sort	

- The power to the USB flash drive is activated and the drive is now mounted to the file system as shown in the image to the right. The 802 AWE is now capable of transferring files to and from the USB flash drive.

File Explorer			
Name	Type	Date/Time	Size
screen	dat...	2016-01-08 2...	0.9 KB
Wifi	dat...	2016-01-08 2...	0.3 KB
screen	png	2016-01-08 2...	15.0...
screen-1	png	2016-01-08 2...	15.8...
screen-1	dat...	2016-01-08 2...	0.9 KB
config	ini	2016-01-09 0...	11.5...

USB stick mounted /media/sda1/			
Database	File	Sort	

5. Select the **Save Log** softkey.
6. The **Message Bar** will indicate a successful save to the flash drive by displaying the text
“-> /media/sda1/slm360log.txt” as shown in the image to the right.

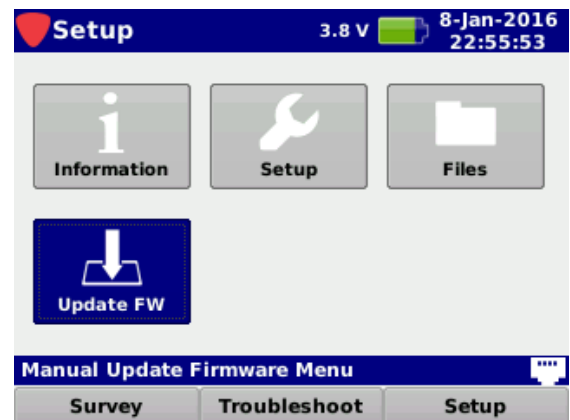


Overview

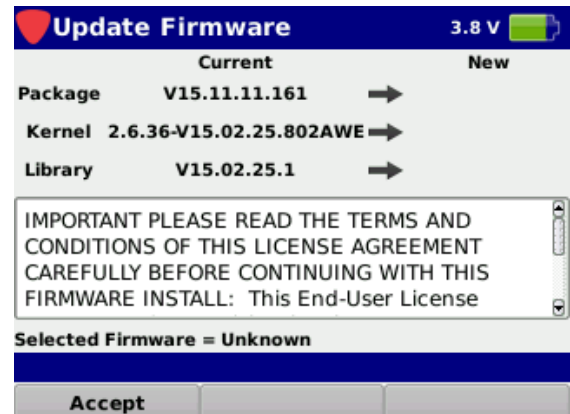


Before updating the firmware, make sure the battery is fully charged or the meter is powered via the AC to DC Power Adapter & Battery Charger.

Select the **Update FW** icon as shown in the image to the right to update the firmware of the 802 AWE.



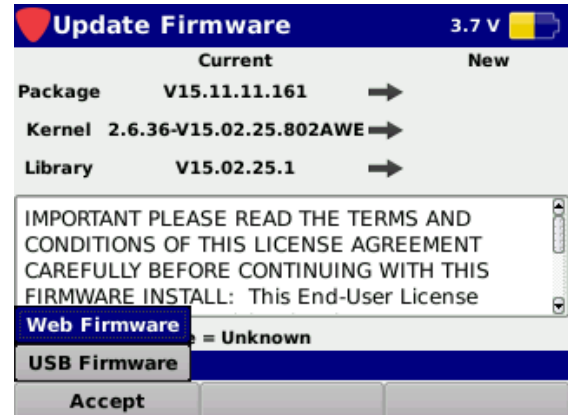
The **Update Firmware** screen will be displayed as shown in the image to the right. This screen allows you to perform a firmware update. Before performing a firmware update, you must accept the End User License Agreement (EULA) by selecting the **Accept** softkey.



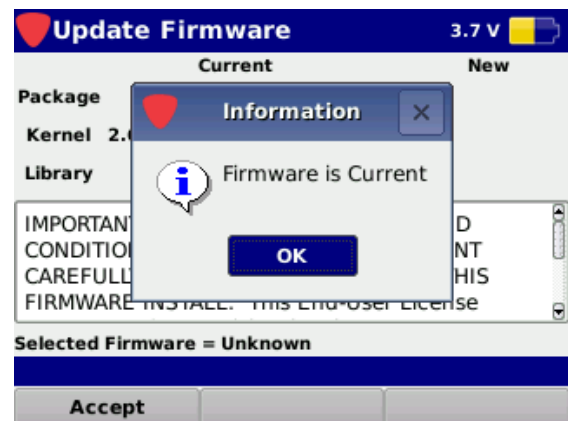
Update Firmware from Website

Perform the following steps to update the 802 AWE firmware from a website:

1. Select the **Accept** softkey.
2. From the **Accept** pop-up menu, select the **Web Firmware** button as shown in the image to the right.



3. If the firmware installed in the 802 AWE is current, the **Information** window will be displayed as shown in the image to the right. Select the **OK** button to return to the previous screen.



4. If the firmware installed in the 802 AWE is not current, select the **Download** softkey as shown in the image to the right to download the firmware file.

