



Electronic Postage Computing Scale

OPERATING MANUAL

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INTRODUCTION

The Exceed USA Electronic Postage Computing Scale is an electronic compendium of postal services that incorporates and displays the cost of virtually all basic and supplementary standard USPS mail services. It is graduated in 0.01 oz steps throughout its 192 oz (12 lbs) capacity and displays the weight of any item placed on its weighing platform together with the service(s) selected and total postage cost.

All countries worldwide are programmed into the Exceed's database so that, unlike many other scales, it is not necessary to know which rate group the destination country is located within. Simply key in the country code and the scale will automatically display the postage rates applicable to that country.

Exceed USA has also a zip/zone data programming feature. This is helpful if you are using the scale in another location where your postal zone chart is different from your original location. Zip/zone data programming is made easier and more accurate using Exceed USA PC Program (no need to input values from the keyboard). After successful zip/zone programming, the Exceed USA is able to display the correct rates corresponding to the zone of your zip entry.

You can also program your Exceed USA to accommodate other postal functions and their corresponding rates or any weight values and corresponding rates (prices for commodities with different weights, etc.). Exceed USA has six (6) blank keys that can be customized using the Exceed USA PC Program to display rates for other services that you want to include in the scale.

Specifications:

Capacity	: 12 lbs (including Tare)
Graduation/Resolution	: 0.01 oz
Accuracy	: +/- 0.5% or 0.01 oz (the greater of)
Power Supply	: Mains via 9 or 12 volt Mains Adapter
Power consumption	: Approx. 1.3 watts
Auto switch-off	: After approx. 3 minutes (only in battery mode)
Tare	: 12 lbs

Visit <http://www.elane.net> for further details.

PREPARING THE SCALE FOR USE

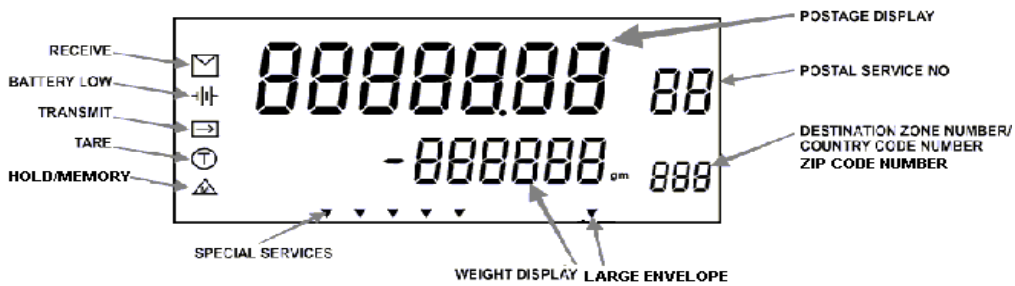
- (i) Fit the weighing platform to the body of the scale via the location points, making sure that the platform opens toward the front (keyboard) end of the scale.
- (ii) Plug the mains adapter supplied with the scale into the mains and connect the adapter's output plug to the input socket at the rear of the scale.
- (iii) Place the scale on a firm level surface, switch on the mains supply and press on the scale the "On/Off/Tare" key. The scale's serial number and its software version will be displayed while the scale is starting up (available for Exceed USA Version 1.1 and up).
- (iv) The display will indicate P(11) (L is lighted on the lower right corner of the LCD) which stands for "1st Class Letter, 0 lb-oz (nil weight)" (when first switched on, the Exceed "wakes up" in USA 1st Class Letter mode).

OPERATING THE EXCEED POSTAL SCALE

The Exceed USA is easy to use and straight-forward in operation. First, establish which basic postal service you wish to use (e.g., 1st Class, Packages, Express Mail International, etc.). The 3-digit zip code, zone, destination country or country code can be set (e.g. local zones, or for international services, set the country code or destination country). Finally, decide whether you wish to utilize any of the supplementary services (e.g., Registered, Insured, Return Receipt, etc.) and simply press the appropriate keys in turn. The display will guide you through displaying the services selected and the total postage cost.

***NOTE: For zip code entries, the scale needs to be programmed with zip/zone data first. Refer to the latter part of this manual on how to program your scale's zip/zone data.**

DISPLAY LAYOUT



KEYBOARD FUNCTIONS

The keyboard features the following functions and labels:

- 1st CLASS PRIORITY (P11)**, **PACKAGES (P12)**, **MEDIA MAIL (P13)**, **HOLD**, **ON / OFF TARE**
- LIBRARY MAIL (P14)**, **EXPRESS MAIL (P15)**, **BOUND PRINTED Matter PARCELS (P16)**, **BOUND PRINTED Matter FLATS (P17)**, **POSTCARD (P18)**
- FIRST CLASS MAIL INTERNATIONAL (P19)**, **EXPRESS MAIL INTERNATIONAL (P20)**, **PRIORITY MAIL INTERNATIONAL (P21)**, **GLOBAL EXPRESS GUARANTEED (P22)**, **LETTERS LARGE ENV PACKAGES (L/E/P)**
- FLAT RATE ENVELOPE (E)**, **FLAT RATE BOX (B)**, **UK 7**, **CHINA 8**, **JAPAN 9**
- P01**, **P02**, **CANADA 4**, **MEXICO 5**, **FRANCE 6**
- P03**, **P04**, **AUSTRALIA 1**, **BRAZIL 2**, **GERMANY 3**
- P05**, **P06**, **ENTER**, **ZIP/ZONE 0 CTRY CODE**, **CE**

At the bottom left, the **ELANE** logo is displayed above a row of indicator lights labeled **1 2 3 4 5 L E P B**. At the bottom right, the text **max=12 lbs, d=0.01 oz** and **www.elane.net** is shown.

BASIC SERVICES

The following services are available in the Exceed USA scale. The two-digit number in the first line on the right side of the display indicates the currently active service. In the keyboard, each service is labeled with this number. The number displayed in the second line on the other hand each represents several locations applicable to some services. The number corresponding to a zone (one digit or 'loc' for local zone), a destination country (abbreviation for selected countries), a 3-digit zip code, or a 3-digit country code will be displayed below the service indicator. The destination display blinks to indicate that the user needs to select a location (zip code, zone, destination country or country code) for the selected service. Pressing the CE key while the destination display is blinking will bring you back to P(11) or 1st Class mail service. For special services that require values to be entered by the user, the postage rate display blinks while the user has not pressed a valid key or has not entered a valid value for that special service. Pressing the CE key while the postage rate display is blinking will cancel out or de-select the current special service.

11) 1ST CLASS MAIL/PRIORITY MAIL

Pressing this key selects and displays the cost of USA 1st Class Letters service (L is displayed on the lower right corner of the LCD). Second press selects and displays the cost of 1st Class Flats (F is displayed on the lower right corner of the LCD) while third press selects and displays the cost of 1st Class Parcels (P is displayed on the lower right corner of the LCD). When in 1st Class Letters and weight exceeds 3.5 ounces, the service will automatically switch to 1st Class Flats. The maximum weight for 1st Class Flats and Parcels is 13 ounces. If mail exceeds this limit, it can be sent as Priority Mail. For Priority Mail, this service is available in several destinations. Enter the first three digits of the destination zip and press Enter key, or to switch to zone entry press 0 key then select the appropriate zone by pressing a number key (0-8). For zip code entries, you need to program your scale's zip/zone data first. When in Priority Mail service, press Flat Rate Envelope key to display the cost of Priority Mail Flat Rate Envelopes (an arrow will point to E on the lower part of the LCD) or Flat Rate Box key to display the cost of Priority Mail Flat Rate Regular Boxes (an arrow will point to B on the lower part of the LCD).

12) PACKAGES/PARCEL POST

Pressing this key selects and displays the cost of USA Package/Parcel Post services. Enter the first three digits of the destination zip and press Enter key, or to switch to zone entry press 0 then select the appropriate zone by pressing a number key (0-8). For zip code entries, you need to program your scale's zip/zone data first.

13) MEDIA MAIL

Pressing this key selects and displays the cost of USA Media Mail services.

14) LIBRARY MAIL

Pressing this key selects and displays the cost of USA Library Mail services.

15) EXPRESS MAIL

Pressing this key selects and displays the cost of USA Express Mail services. Enter the first three digits of the destination zip and press Enter key, or to switch to zone entry press 0 then select the appropriate zone by pressing a number key (0-8). For zip code entries, you need to program your scale's zip/zone data first. Press Flat Rate Envelope key to display the cost of Express Mail International Flat Rate Envelopes (an arrow will point to E on the lower part of the LCD).

16) BOUND PRINTED MATTER (Parcels)

Pressing this key selects and displays the cost of Bound Printed Matter (Parcels) services. This service is available in several destinations. Enter the first three digits of the destination zip and press Enter key, or to switch to zone entry press 0 then select the appropriate zone by pressing a number key (0-8). For zip code entries, you need to program your scale's zip/zone data first.

17) BOUND PRINTED MATTER (Flats)

Pressing this key selects and displays the cost of Bound Printed Matter (Flats) services. This service is available in several destinations. Enter the first three digits of the destination zip and press Enter key, or to switch to zone entry press 0 then select the appropriate zone by pressing a number key (0-8). For zip code entries, you need to program your scale's zip/zone data first.

18) POSTCARD

Pressing this key selects and displays the cost of Postcard services. When in local or domestic services, the rate of local postcard is displayed. When in international services, the rate of international postcard is displayed. Enter the 3-digit country code or the corresponding key of the destination country and press Enter key.

19) FIRST CLASS MAIL INTERNATIONAL

Pressing this key selects and displays the cost of First Class Mail International services (default to First Class Mail International Letters). Enter the 3-digit country code or the corresponding key of the destination country and press Enter key. Press Letters/Large Env/Packages key to switch between rates of First Class Mail Letters (an arrow will point to L on the lower part of the LCD), Large Envelopes or Flats (an arrow will point to E on the lower part of the LCD), and Packages (an arrow will point to P on the lower part of the LCD).

20) EXPRESS MAIL INTERNATIONAL

Pressing this key selects and displays the cost of Express Mail International services. This service is available to selected countries. Enter the 3-digit country code or the corresponding key of the destination country and press Enter key. Press Flat Rate Envelope key to display the cost of Express Mail International Flat Rate Envelopes (an arrow will point to E on the lower part of the LCD).

21) PRIORITY MAIL INTERNATIONAL

Pressing this key selects and displays the cost of Priority Mail International services. This service is available to selected countries. Enter the 3-digit country code or the corresponding key of the destination country and press Enter key. Press Flat Rate Envelope key to display the cost of Priority Mail International Flat Rate Envelopes (an arrow will point to E on the lower part of the LCD) or Flat Rate Box key to display the cost of Priority Mail Int'l Flat Rate Regular Boxes (an arrow will point to B on the lower part of the LCD).

22) GLOBAL EXPRESS GUARANTEED

Pressing this key selects and displays the cost of Global Express Guaranteed services. This service is available to selected countries. Enter the 3-digit country code or the corresponding key of the destination country and press Enter key.

SPECIAL SERVICES

The lower part of the display is labeled with numbers from 1 to 5. When any of the following services are active, an arrow will point to the number corresponding to the specific special service (special services are labeled with numbers 1-5 on the keyboard).

1) REGISTERED MAIL

Press this key when you wish to add on the cost of registered mail service. For 1st Class and Priority Mail, declared value (insurance) is required to calculate the registered mail fee. User should enter a value not greater than US\$50,000 (this is the limit for declared value of registered mail in Exceed USA; USPS allows greater values). If registered without insurance, enter 0 as the value and scale will automatically add on the fee for registered without insurance to the current postal rate. For First Class Mail International services, a single charge applies which will be added on automatically. An arrow will point to 1 at the lower part of the LCD if this special service is selected.

This is available to 1st Class Mail (Letters, Flats, and Parcels), Priority Mail, First Class Mail International, and Priority Mail Flat Rate Envelope services. It may be combined with COD (for domestic services only) and return receipt (for domestic and international services) for additional fees.

2) CERTIFIED MAIL

Press this key when you wish to add on the cost of certified mail service. An arrow will point to 2 at the lower part of the LCD if this special service is selected.

This is available to 1st Class Mail (Letters, Flats, and Parcels) and Priority Mail and maybe combined with return receipt for an additional fee.

3) COLLECT ON DELIVERY (COD)

Press this key when you wish to add on the cost of COD service for local or domestic mail. Enter the amount to be collected from the recipient. This should not exceed US\$1,000. An arrow will point to 3 at the lower part of the LCD if this special service is selected.

This is available to 1st Class Mail, Priority Mail, Packages, Library Mail, Express Mail, and Bound Printed Matter (Parcels and Flats). It may also be combined with registered mail (1st Class and Priority Mail only) and return receipt for additional fees.

4) INSURED MAIL

Press this key when you wish to add on the cost of insured mail service. Enter the insurance value of the item. This should not exceed US\$5,000. For Priority Mail International services, it should not exceed the insurance limit set by USPS for the specified country. The postage display continues to blink if the value exceeds the insurance limit. An arrow will point to 4 at the lower part of the LCD if this special service is selected.

This is applicable to 1st Class Mail, Priority Mail, Packages, Media Mail, Library Mail, Express Mail, Bound Printed Matter (Parcels and Flats), Express Mail International, Priority Mail International (available to selected countries only), and Global Express Guaranteed services. For Parcel Post services, it may be combined with return receipt for additional fee, and for domestic services insurance value must exceed US\$50 for additional fee.

5) RETURN RECEIPT

Press this key when you wish to add on the cost of return receipt for merchandise or return receipt combined with other special services. An arrow will point to 5 at the lower part of the LCD if this special service is selected.

Return receipt for merchandise is available to Priority Mail, Packages, Media Mail, Library Mail and Bound Printed Matter services. Return receipt is available in combination with any of the other special services except for Express Mail services which can be selected without other special services. Return receipt is applicable to all domestic services. For international services, return receipt is available only to registered or insured mail or packages and only to selected countries. Return receipt is also available to Express Mail International to selected countries only at no additional cost.

PROGRAMMABLE FUNCTIONS/SERVICES

01) – 06) The 6 white keys at the lower left of the Exceed USA keyboard can be customized or can be programmed to display rates of other services not present in the scale. Refer to the latter part of this manual on how to program a blank key of the Exceed USA.

OTHER KEYBOARD FUNCTIONS

* ON/OFF/TARE

Pressing this key switches the scale on or off or enables tare function. This key will tare the weight on the platform (i.e. set it to zero) if a weight is displayed. This is useful for weighing items with containers. To turn off scale, first remove any weight on the platform and disable the tare function. The tare display (circle with letter T inside) is shown if tare function is enabled.

* HOLD

Pressing this key freezes the exact display on the LCD at a certain point. This is useful for weighing large items when the LCD can no longer be seen while the object is on the platform. Press this key then put the object on the platform. A triangle with letter M inside will be displayed on the lower left of the LCD to indicate that the scale is in HOLD mode. Two short beeps will indicate that the weight is in memory (if key beep is on). You can remove the item to view the LCD. The hold mode times out in 20 seconds. Press the CE key to reset the timer. Press the hold key again to exit the hold function.

* ENTER

Press this key when you have completed keying in requested information like country code, three-digit zip code, destination country, or a value required for a certain special service. If the postage display or destination display continues to blink after pressing the Enter key, this means that the entered value (zip code, country code or value for special services) is not allowed for the selected service(s).

* **LETTERS/LARGE ENV/PACKAGES**

Press this key when you want to switch the display of rates of First Class Mail Letters, Large Envelopes or Flats, and Packages for the destination selected. An arrow will point to L at the lower part of the LCD if Letters rate is selected, E if Large Envelopes or Flats, and P if Packages rate is selected.

* **FLAT RATE ENVELOPE**

Press this key when you want to display for rates of Flat Rate Envelopes for Priority Mail and Express Mail services (for either domestic or international). An arrow will point to E at the lower part of the LCD if this service is selected.

* **FLAT RATE BOX**

Press this key when you want to display for rates of Flat Rate Regular Boxes for Priority Mail services (for either domestic or international). An arrow will point to B at the lower part of the LCD if this service is selected.

* **0/ZIP/ZONE/CTRY CODE**

This key serves as the figure "0" when a zone, zip code, country code, or a value is required for postage calculation. Pressing this key enables a zip code, zone, country code, or destination country to be changed directly by enforcing the correct value. This key is also for local zone entry (Zone 0 for domestic services). For zip codes, press a number from 5-999 and press Enter key to confirm entry. For zones, press the number 0 for local (displays loc) or numbers 1 to 8 for any other zone. For country codes, press a three-digit number from 100 to 609 and press Enter key to confirm entry. For destination countries, press the numeric key (1-9) that corresponds to your desired country and press Enter key to confirm entry. When in a domestic postal service that requires zip or zone, the default entry is a 3-digit zip code (3 lines are blinking in the destination display). Pressing this key again will change the entry to zone (1 line is blinking) and you can press keys 0-8 for this. The destination display continues to blink if the entered zip code or country code is invalid or if the current postal service is not allowed in the country corresponding to the country code you entered.

* **CE (Clear Entry)**

Pressing this key will de-select any add-on services already selected (e.g. Registered, Insured, COD, etc.), clear request for input or act as a backspace key when entering information like country code or values for COD or insurance according to the mode the scale is in. Pressing this key while the postage rate display is blinking (asking for a value for Registered, COD, or Insurance) cancels out or deselects the current special service.

* **1/AUSTRALIA**

This key serves as the figure "1" and selects AUSTRALIA as destination country for International services that it is applicable to (AUS is displayed as the destination).

* **2/BRAZIL**

This key serves as the figure "2" and selects BRAZIL as destination country for International services that it is applicable to (brA is displayed as the destination).

* **3/GERMANY**

This key serves as the figure "3" and selects GERMANY as destination country for International services that it is applicable to (GEr is displayed as the destination).

* **4/CANADA**

This key serves as the figure "4" and selects CANADA as destination country for International services that it is applicable to (CAN is displayed as the destination).

* **5/MEXICO**

This key serves as the figure "5" and selects MEXICO as destination country for International services that it is applicable to (ICO is displayed as the destination).

* **6/FRANCE**

This key serves as the figure "6" and selects FRANCE as destination country for International services that it is applicable to (FrA is displayed as the destination).

* **7/UK**

This key serves as the figure "7" and selects UK as destination country for International services that it is applicable to (UK is displayed as the destination).

* **8/CHINA**

This key serves as the figure "8" and selects CHINA as destination country for International services that it is applicable to (CHN is displayed as the destination).

* **9/JAPAN**

This key serves as the figure "9" and selects JAPAN as destination country for International services that it is applicable to (JPN is displayed as the destination).

* **KEY BEEP**

To turn on or turn off key beep or key sound, press the following keys in succession: 0, 7, 9.

OTHER DISPLAY

* **OVERLOAD "OL"**

This appears when the weight on the platform exceeds the scale's maximum capacity. Maximum capacity also includes tared weight.

* **EXCESS WEIGHT "EE"**

There are some postal services whose weight limit is less than the limit of the scale. EE appears to indicate that the weight on the platform exceeds the weight allowed for that specific service. This also applies to weight limits of programmable keys. EE appears to indicate that the weight on the platform exceeds the maximum weight that is programmed for that certain key.

ZIP/ZONE DATA PROGRAMMING

This feature enables the user to program the "location" of the Exceed USA scale so that it can apply appropriate zones for domestic services. To program three-digit zip and its corresponding zone, you need to download and install in your computer the latest version of Exceed USA PC Program. This application program will guide you how to do zip/zone data programming into your Exceed USA scale.

The following steps summarize how to program zip/zone data (zone chart) into your Exceed USA scale.

1. Run Exceed USA PC Program. Connect your scale to any available serial port of your computer and turn it on.
2. PC Program will automatically detect which serial port in your computer your scale is connected to. Click the Continue button.
3. You may proceed to program blank keys of your scale by clicking Program Zip-Zone/Blank Key button and choosing Zip/Zone to program.
4. Follow these instructions on the Program Zip/Zone window (you can also find more specific instructions in the PC Program).
Go to the [USPS Postal Zone Chart page](http://postcalc.usps.gov/Zonecharts/default.asp) (<http://postcalc.usps.gov/Zonecharts/default.asp>) and enter the first three digits of the zip that you want to program into your Exceed USA scale.

Wait for the entire page to be displayed. You should see the complete postal zone chart of your selected zip code.

Copy the entire contents of the web page and paste it in the textbox of the Program Zip/Zone window.

You may proceed with zip/zone programming.

Wait for a confirmation that the zip/zone data you entered has been successfully programmed. The scale will automatically restart after a successful programming of zip/zone data. Zip code entries can now be used for domestic postal services.

Note: Updating Exceed USA with its latest software will erase the zip/zone data that were previously programmed. After a software update, you can program the zip/zone data again.

PROGRAMMABLE KEYS

Exceed USA provides a very convenient way to program services and their corresponding rates. To program blank keys of your Exceed scale, you need to download and install in your computer the latest version of Exceed USA PC Program. This application program will guide you how to program rates into your Exceed scale.

The following steps summarize how to program a blank key of your Exceed USA scale.

1. Run Exceed USA PC Program. Connect your scale to any available serial port of your computer and turn it on.
2. PC Program will automatically detect which serial port in your computer your scale is connected to. Click the Continue button.
3. You may proceed to program blank keys of your scale by clicking Program Zip-Zone/Blank Key button and choosing Blank Key to program.
4. Follow these instructions on the Program Keys window (you can also find more specific instructions in the PC Program).
 - 4.1. Choose which blank key of the scale you want to program.
 - 4.2. Choose the unit of weight measurement that you will be using to enter weight values (choose from ounces, pounds, or grams).
 - 4.3. Supply data in the Weight and Rate Table by entering the weight limit or interval and the corresponding rate. You can enter up to a maximum of 128 weight and rate intervals or ranges.
 - 4.4. After you have entered all the data that you want to program, check the Weight and Rate Table and make any revisions if necessary.
 - 4.5. If the data on the Weight and Rate Table are correct and final, you may continue programming the blank key that you selected.
 - 4.6. Wait for a confirmation that the data you entered has been successfully programmed. The scale will automatically restart after a successful programming of a blank key. The data that you programmed is now available in the scale. You may program another blank key or exit Program Keys window and go back to the main window. You may label the blank key that you programmed for easier reference.

Note: Updating Exceed USA with its latest software will erase the data that were previously programmed. After a software update, you can program the blank keys of the scale again.

ERROR DISPLAY

Err will display if the scale is started without the platform or with items placed on the platform.

If the scale keeps displaying "Err" even if the scale has been started without anything on the platform, please follow these instructions to fix the problem.

Turn off your scale and try putting the platform back to the scale or try removing the items placed on the scale's platform. Turn on your scale again. If this does not solve the **Err** display problem, you need to perform Auto Zero-Point calibration on your Exceed USA scale. Please follow these steps:

1. Remove any item placed on your scale's platform and turn on your scale.
2. When **Err** is displayed on the LCD, press **HOLD** key on the keyboard. A cursor will blink on the scale's LCD.
3. Press **0** key and then press **Enter** key on the keyboard.
4. At this point, the scale is adjusting its zero point value. Wait for the scale to finish this process. After this, it will restart by itself. Exceed USA scale is now ready to use.

Note: This Auto Zero-Point calibration is only available to Exceed USA with software version 1.1 or higher. If the Err problem is not fixed by the above procedures, you need to update your scale with its latest software which can be found at: <http://www.elane.net/exceedpc/usa/exceedusa.htm>

Please read the following section for online software update procedures.

CHANGES IN POSTAL RATES

The Exceed USA scale is equipped with a RS-232 interface cable to let you connect it to your personal computer and update the software easily whenever there is a postal rate changes, service changes, software.

Any changes in postal rates, as well as in the services, can be easily implemented by purchasing the latest software update for the scale. This contains the latest postal rates and/or new postal services. You also need to download the Exceed USA PC Program which you can use to update your scale. This software is downloadable for free.

You can register your scale and get the latest Exceed USA PC Program at http://www.elane.net/product_registration.php.

Connecting the Scale to your PC

Connect the Exceed USA scale to your PC by using the RS-232 interface cable that comes with the scale. You can use any available serial port of your computer.

Using the PC Program to Update the Scale

The following is a summarized instruction on how to update your scale using the PC Program:

1. Make sure that you are connected to the Internet before running the PC Program. Close all other windows or programs until your scale is successfully updated.
2. Run PC Program and connect your scale to your computer via the RS-232 cable using any available serial port and turn it on.
3. PC Program will automatically detect which serial port in your computer your scale is connected to. Click the Continue button.
4. You may proceed updating your scale. If you purchased a software update, proceed to step 4.1. If you are updating using a discount code (for scales that are under warranty), proceed to step 4.2. You may also download the latest manual for your Exceed scale or view the help file or simulate some of the services that the scale offers.

Click the Update Scale button. You will be asked to copy the link that was given after your successful payment for a scale update. Paste this link in the text box provided and click Continue. This link is important so that the PC Program can download the file necessary to update your scale. Proceed to step 5.

Click Use Discount Code button. Enter the discount code on the textbox provided. If the code is correct, PC Program will download the file necessary to update your scale. Proceed to the next step.

5. After a successful file download, continue updating your scale.
6. Wait for a confirmation that your scale has been successfully updated with latest postage rates and/or services. Exceed USA scale will automatically restart after the update and is now ready to use with its latest postage rates and/or services.

Get the latest models of high quality scales at <http://www.elane.net>.

NOTE: You can download the PC Program and try some of the scale's functions even if you do not need to update the scale. It also has useful links for the maintenance of the scale.

CALIBRATING THE EXCEED USA SCALE – FOR ADVANCED USERS ONLY

In case the scale loses its accuracy, then remote calibration of the scale may be needed. The load cell of this precision scale is normally protected against overloaded weight applied slowly, but overload caused by dropping the scale or dropping something heavy on the scale may require re-calibration.

Remote Calibration of Scale

To run remote calibration on your scale, you need the following:

Remote Calibration Program – this is the application program that will help you perform remote calibration of your scale. You can download it from www.elane.net.

Remote Calibration Code – this is the code that is given after your payment for remote calibration service. This is important to continue with the remote calibration process.

Weight (if doing remote calibration using weights) – this will be used as a standard measure of weight during remote calibration. You may use one of the following:

1. A STANDARD WEIGHT between **1,250-5,000 grams** that is available on the market. This option requires you to enter the exact weight.
2. ANY WEIGHT between **1,250-5,000 grams**. This option requires you to enter the exact weight.
3. A WEIGHT using one of the PREDEFINED objects. Select an object from our list that you will be using for remote calibration. This option does not require you to enter the exact weight of the object.

Gravity Factor (if doing remote calibration by gravity factor adjustment) – we have listed major countries and locations for you to choose from. For best results, you can consult your local metrological station for your local gravity factor.

Exceed Scale – check that your scale is capable of remote calibration. Visit <http://www.elane.net/exceedpc/remotescales.htm> to view the list of scales that are capable of remote calibration.

These are the steps for remote calibration of your scale. It is important that you follow each instruction carefully to guarantee better and more precise calibration results.

1. Pay for the remote calibration service. Visit <http://www.elane.net/exceedpc/ordercalibration.htm>. After successful payment, copy the calibration code that is given. This code is also sent in the email you provided during payment and is valid for 48 hours after its first use.

2. Download and install Remote Calibration Program.
3. Run Remote Calibration Program and select your scale model. Connect the scale to any available serial port in your computer using the RS-232 cable. Turn on the scale and remove any object on it.
4. Enter your calibration code.
5. Select calibration method. You can choose remote calibration using weights or remote calibration by adjusting gravity factor. If using weights, make sure that you have the necessary weights, then proceed to step 6. If using gravity factor adjustment, proceed to step 7.
6. Give details about the object or weight that you will be using. You may enter the exact weight (in grams) of the object or choose from the list a predefined set of objects that you will be using as a standard weight. Proceed to step 8.
7. Give details of your current geographical location by selecting your country and city or location from the list. If your location is not on the list, select the country and location that is closest to yours. This process lets your scale "identify" the gravity factor associated with your present location. If you know this value, you may also choose to provide it in the program. You may contact your metrological station and ask for your local gravity factor. WARNING: Do not provide a value that you are not sure of as this may cause weight reading errors of your Exceed Scale.
8. Scale will be calibrated according to the value(s) that you provided. If you are using weights for remote calibration, wait for the step-by-step instruction on when to place weight on the scale. Check also the calibration status that is being displayed.
9. Wait for a confirmation of a successful remote calibration of your scale. After this, your scale will restart automatically and it is now calibrated according to the method that you chose.

For more information about remote calibration, please visit <http://www.elane.net/exceedpc/remotecalibration.htm>.

CITY/COUNTRY CODES

The following pages enumerate the countries and cities that are in the Exceed USA's database. These are used in all international services where a rate group is needed. Just use the change country key to be able to enter the country code associated with the destination and the scale will automatically fetch the rates from the rate group. If the destination display continues to blink after you have entered a country code, it either means an invalid country code entry (check that it ranges from 100-609 or one of the destination countries) or the country corresponding to the code you entered is not allowed for that postal service (ex. IRAN whose country code is 297 is not allowed for Express Mail International services).

CODE	COUNTRY/CITY
100	ABU DHABI
101	ADEN
102	ADMIRALTY ISLANDS
103	AFARS, FRENCH TERR
104	AFGHANISTAN
105	AGELEGA ISLANDS
106	AITUTAKI
107	AJMAN
108	ALAND
109	ALASKA
110	ALBANIA
111	ALDERNEY
112	ALEUTIAN ISLANDS
113	ALGERIA
114	ALHUCEMAS
115	ALL SAINTS
116	AMERICAN SAMOA
117	AMIRANTES
118	ANDAMAN ISLANDS
119	ANDORRA
120	ANEGADA
121	ANGOLA
122	ANGUILLA
123	ANJOUAN
124	ANTIGUA
125	ARGENTINA
126	ARMENIA
127	ARUBA
128	ASCENSION
129	ATIU ISLAND
130	AUSTRALIA
131	AUSTRALIAN ANTARCTIC TER
132	AUSTRIA
133	AVARUA
134	AZERBAYDZHAN
135	AZORES
136	BAHAMAS
137	BAHRAIN
138	BALEARIC ISLANDS
139	BALI ISLAND
140	BANGLADESH
141	BANKS ISLANDS
142	BARBADOS
143	BARBUDA
144	BARREW ISLANDS
145	BASSAS DA INDIA
146	BELARUS
147	BELEP ISLAND
148	BELGIUM
149	BELIZE
150	BENIN
151	BERMUDA
152	BHUTAN
153	BISMARCK ARCHIPELAGO
154	BISSAGOS ISLANDS
155	BOLIVIA
156	BONAIRE
157	BORNEO
158	BOSNIA-HERZEGOVINA
159	BOTSWANA
160	BOUGAINVILLE
161	BRAZIL
162	BRECHOU
163	BRITISH ANTARCTIC TERR
164	BRITISH GUIANA
165	BRITISH HONDURAS
166	BRITISH SOLOMON ISLANDS
167	BRITISH VIRGIN ISLANDS
168	BRUNEI
169	BUKA
170	BULGARIA
171	BURKINA FASO
172	BURMA

CODE	COUNTRY/CITY
173	BURUNDI
174	BYELORUSSIA
175	CABINDA
176	CAICOS ISLANDS
177	CAMBODIA
178	CAMEROON
179	CAMPBELL ISLANDS
180	CANADA
181	CANARY ISLANDS
182	CANTON
183	CAPE VERDE
184	CAROLINE ISLANDS
185	CAYMAN ISLANDS
186	CELEBES
187	CENTRAL AFRICAN REP
188	CEUTA
189	CEYLON
190	CHAD
191	CHAFARINAS
192	CHAGOS ARCHIPELAGO
193	CHANNEL ISLANDS
194	CHATHAM ISLANDS
195	CHESTERFIELD ISLANDS
196	CHILE
197	CHINA PRC
198	CHINA TAIWAN
199	CHRISTMAS ISL, IND OCN
200	CHRISTMAS ISL, PAC OCN
201	COCOS ISLANDS
202	COLOMBIA
203	COMORO ISLANDS
204	COMOROS
205	CONGO
206	CONGO, DEM REP OF
207	COOK ISLANDS
208	CORFU
209	CORSICA
210	COSTA RICA
211	COTE D'IVOIRE
212	CRETE
213	CROATIA
214	CUBA
215	CURACAO
216	CYPRUS
217	CZECH REPUBLIC
218	D'ENTRECASTEAUX ISLANDS
219	DAHOMEY
220	DAITO ISLANDS
221	DANGER ISLANDS
222	DENMARK
223	DESIRADE
224	DJIBOUTI
225	DOMINICA
226	DOMINICAN REP
227	DUBAI
228	EASTER ISLAND
229	ECUADOR
230	EGYPT
231	EL SALVADOR
232	ELLICE ISLANDS
233	ENDERBURY
234	ENGLAND
235	EQUATORIAL GUINEA
236	ERITREA
237	ESTONIA
238	ETHIOPIA
239	EUROPE ISLAND
240	FALKLAND ISLANDS
241	FANNING ISLAND
242	FAROE ISLANDS
243	FERNANDO PO
244	FIJI
245	FINLAND

CODE	COUNTRY/CITY
246	FORMOSA
247	FRANCE
248	FRENCH GUIANA
249	FRENCH OCEANIA
250	FRENCH POLYNESIA
251	FRIENDLY ISLANDS
252	FUJAIRAH
253	FUTUNA ISLAND
254	GABON
255	GALAPAGOS ISLANDS
256	GAMBIA
257	GAMBIER ISLANDS
258	GAZA
259	GEORGIA
260	GERMANY
261	GHANA
262	GIBRALTAR
263	GILBERT ISLANDS
264	GLORIEUSES ISLANDS
265	GOZO
266	GRAHAM LAND
267	GRANDE COMORE ISLAND
268	GREAT BRITAIN
269	GREECE
270	GREENLAND
271	GRENADA
272	GUADELOUPE
273	GUAM
274	GUANTANAMO BAY
275	GUATEMALA
276	GUERNSEY
277	GUINEA
278	GUINEA BISSAU
279	GUYANA
280	HADRAMAUT
281	HAINAN
282	HAITI
283	HAWAII
284	HEARD ISLAND
285	HERM
286	HERVEY ISLANDS
287	HOKKAIDO
288	HONDURAS
289	HONG KONG
290	HONSHU
291	HUNGARY
292	HUON ISLAND
293	ICELAND
294	IFNI
295	INDIA
296	INDONESIA
297	IRAN
298	IRAQ
299	IRELAND
300	IRIAN JAYA
301	IRISH REP
302	ISLE OF MAN
303	ISRAEL
304	ISSAS, FRENCH TERR
305	ITALY
306	IVORY COAST
307	JAMAICA
308	JAMMU
309	JAN MAYEN
310	JAPAN
311	JAPEN ISLAND
312	JAVA
313	JERSEY
314	JETHOU ISLAND
315	JOHORE
316	JORDAN
317	JUNAGADH
318	KALIMANTAN

CODE	COUNTRY/CITY
319	KAMARAN ISLAND
320	KASHMIR
321	KAZAKH
322	KEDAH
323	KELANTAN
324	KENYA
325	KERMADEC ISLANDS
326	KHAN YUNIS
327	KHMER REP
328	KIRIBATI
329	KOREA, DEM REP OF
330	KOREA, REP OF KOREA
331	KURIA MURIA ISLANDS
332	KUWAIT
333	KYRGYZ
334	KYUSCHU
335	LABRADOR
336	LABUAN
337	LACCADIVES
338	LAOS, DEM REP OF
339	LAS PALMAS
340	LATVIA
341	LEBANON
342	LES SAINTES
343	LESOTHO
344	LIBERIA
345	LIBYA
346	LIECHTENSTEIN
347	LIHOU
348	LITHUANIA
349	LORD HOWE ISLAND
350	LOUISIADE ARCHIPELAGO
351	LOYALTY ISLANDS
352	LUXEMBOURG
353	MACAO
354	MACEDONIA
355	MACIAS NGUEMA BIYOGO ISL
356	MADAGASCAR
357	MADEIRA
358	MALACCA
359	MALAWI
360	MALAYSIA
361	MALDIVES
362	MALI
363	MALTA
364	MALVINAS
365	MANAHIKI
366	MANCHURIA
367	MANGAIA
368	MANUA
369	MANUAE ISLAND
370	MARCUS ISLAND
371	MARIANA ISLANDS
372	MARIE GALANTE
373	MARQUESAS ISLANDS
374	MARSHALL ISLANDS
375	MARTINIQUE
376	MATSU
377	MAUKE ISLAND
378	MAURITANIA
379	MAURITIUS
380	MAYOTTE ISLAND
381	MCDONALD ISLAND
382	MELILLA
383	MEXICO
384	MIDWAY
385	MITIARO
386	MOHELI ISLAND
387	MOLDOVA
388	MOLUCCAS
389	MONACO
390	MONGOLIA
391	MONTSERRAT

CODE	COUNTRY/CITY
392	MOROCCO
393	MOZAMBIQUE
394	MUSCAT
395	MYANMAR
396	NAMIBIA
397	NAURU
398	NEGRI SEMBILAN
399	NEPAL
400	NETHERLANDS
401	NETHERLANDS ANTILLES
402	NETHERLANDS GUIANA
403	NEVIS
404	NEW CALEDONIA
405	NEW GUINEA, INDONESIA
406	NEW GUINEA, PAPUA
407	NEW HEBRIDES
408	NEW ZEALAND
409	NEWFOUNDLAND
410	NICARAGUA
411	NIGER
412	NIGERIA
413	NIUE ISLAND
414	NOCOBAR ISLANDS
415	NORFOLK ISLAND
416	NORTH KOREA
417	NORTH VIETNAM
418	NORTHERN IRELAND
419	NORWAY
420	NOSSI BE ISLANDS
421	OCEAN ISLAND
422	OKINAWA
423	OMAN
424	PAGO PAGO
425	PAHANG
426	PAKISTAN
427	PALAU ISLANDS
428	PALMERSTON
429	PANAMA
430	PANAMA CANAL ZONE
431	PAPUA NEW GUINEA
432	PARAGUAY
433	PAUMOTU ISLANDS
434	PEMBA
435	PENANG
436	PENGHU LIEHTAO ISLAND
437	PENRHYN
438	PERAK
439	PERIM
440	PERLIS
441	PERSIA
442	PERU
443	PESCADORES ISLANDS
444	PETER I ISLAND
445	PHILIPPINES
446	PHOENIX ISLANDS
447	PINE ISLAND
448	PITCAIRN
449	POLAND
450	PORTUGAL
451	PORTUGUESE GUINEA
452	PORTUGUESE TIMOR
453	PRINCE EDWARD ISLAND
454	PRINCIPE
455	PUERTO RICO
456	PUKAPUKA
457	QATAR
458	QUEEN MAUD LAND
459	QUEMOY
460	RAKAHANGA
461	RAOUL
462	RAROTANGA ISLAND
463	RAS AL KHAIMAH
464	REUNION

CODE	COUNTRY/CITY
465	RHODESIA
466	RHODOS
467	RIO MUNI
468	ROMANIA
469	ROSS DEPENDENCY
470	RUSSIA
471	RWANDA
472	RYUKYU ISLANDS
473	SABA
474	SABAH
475	SAINT BARTHOLOMEW
476	SAINT CHRISTOPHER, NEVIS
477	SAINT CROIX
478	SAINT EUSTATIUS
479	SAINT HELENA
480	SAINT JOHN
481	SAINT KITTS
482	SAINT LUCIA
483	SAINT MARIE
484	SAINT MARTIN
485	SAINT PIERRE, MIQUELON
486	SAINT THOMAS
487	SAINT VINCENT, GRENADINE
488	SAMOA, WESTERN
489	SAN MARINO
490	SANTA CRUZ ISLANDS
491	SAO TOME
492	SARAWAK
493	SARDINIA
494	SARK
495	SAUDI ARABIA
496	SAVAGE
497	SAWAI
498	SCHOUTEN ISLANDS
499	SCOTLAND
500	SELANGOR
501	SENEGAL
502	SERBIA-MONTENEGRO
503	SEYCHELLES
504	SHARJAH
505	SHIKOKU
506	SHORTLAND ISLAND
507	SIAM
508	SICILY
509	SIERRA LEONE
510	SIKKIM
511	SINGAPORE
512	SLOVAK REPUBLIC
513	SLOVENIA
514	SOCIETY ISLANDS
515	SOCOTRA
516	SOLOMON ISL, NEW GUINEA
517	SOLOMON ISLANDS BRITISH
518	SOMALIA
519	SOUTH AFRICA
520	SOUTH GEORGIA ISLANDS
521	SOUTH KOREA
522	SOUTH ORKNEYS
523	SOUTH SANDWICH ISLANDS
524	SOUTH SHETLANDS
525	SOUTH VIETNAM
526	SOUTH WEST AFRICA
527	SOUTHERN RHODESIA
528	SOUTHERN YEMEN
529	SOVIET UNION, FORMER
530	SPAIN
531	SPANISH GUINEA
532	SPANISH SAHARA
533	SPANISH SOV IN N AFRICA
534	SPITZBERGEN
535	SPORADES
536	SRI LANKA
537	SUDAN

CODE	COUNTRY/CITY
538	SULAWESI
539	SUMATRA
540	SURINAME
541	SURPRIS ISLANDS
542	SUWARROW
543	SVALBARD
544	SWAZILAND
545	SWEDEN
546	SWITZERLAND
547	SYRIA
548	TAHITI
549	TAIWAN
550	TAJIK
551	TANGANYIKA
552	TANGIER
553	TANZANIA
554	TASMANIA
555	TENERIFE
556	THAILAND
557	TIBET
558	TIMOR
559	TOBAGO
560	TOGO
561	TOKELAU ISLANDS
562	TONGA
563	TONGAREWA
564	TORRES ISLANDS
565	TORTOLA
566	TRENGGANU
567	TRINIDAD
568	TRISTAN DA CUNHA
569	TROBRIAND ISLANDS
570	TUAMOTU ISLANDS
571	TUBAI ISLANDS
572	TUNISIA
573	TURKEY
574	TURKMEN
575	TURKS ISLAND
576	TUTUILA
577	TUVALU
578	UGANDA
579	UKRAINIA
580	UMM AL QAIWAIN
581	UNION ISLANDS
582	UNITED ARAB EMIRATES
583	UNITED ARAB REP
584	UNITED KINGDOM
585	UPOLU
586	UPPER VOLTA
587	URUGUAY
588	USSR, FORMER
589	UZBEK
590	VANCOUVER ISLAND
591	VANUATU
592	VATICAN CITY
593	VENEZUELA
594	VIETNAM, SOCIALIST REP
595	VIRGIN GORDA
596	VIRGIN ISLANDS USA
597	VOLCANO ISLANDS
598	WAKE
599	WALLIS
600	WALPOLE ISLANDS
601	WALVIS BAY
602	WASHINGTON ISLANDS
603	WESTERN SAMOA
604	YEMEN, ARABIC REP
605	YEMEN, REP OF DEM
606	ZAIRE
607	ZAMBIA
608	ZANZIBAR
609	ZIMBABWE