

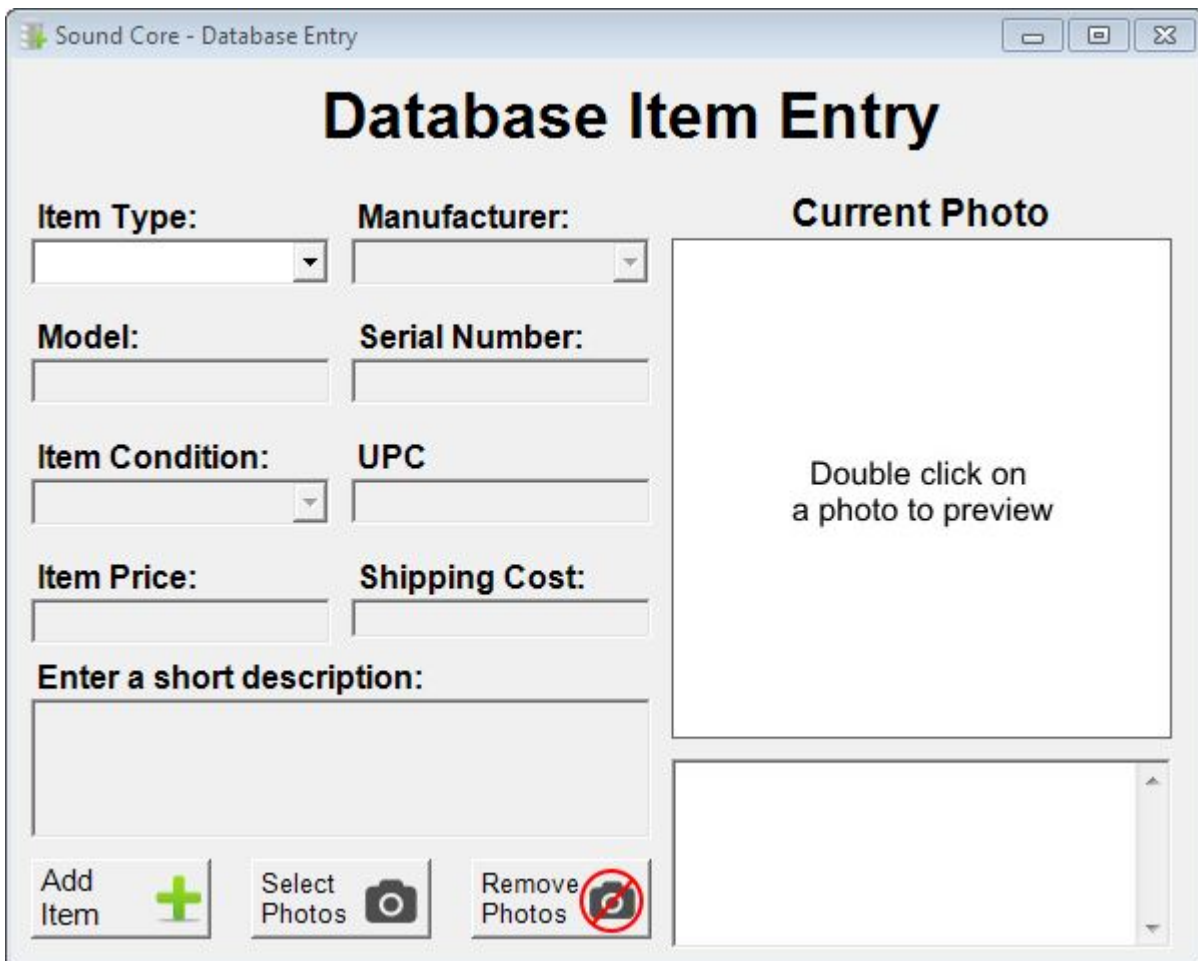


# **Inventory Entry**

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# 1. Introduction

“Inventory Entry” is a tool used for creating XML documents and web pages to be used on Sound Core Music's website. It is a simple program, consisting of a blank form to be filled out with the item's information including: Item Type, Manufacturer, Model Number, UPC, Serial Number, Retail Price, Shipping Cost, Description, and Photos of the item. After the information is entered correctly, the item will be appended to an XML document containing all the previously entered items and a web page will be created that with the items information.



The screenshot shows a window titled "Sound Core - Database Entry". The main heading is "Database Item Entry". The form is organized into several sections:

- Item Type:** A dropdown menu.
- Manufacturer:** A dropdown menu.
- Model:** A text input field.
- Serial Number:** A text input field.
- Item Condition:** A dropdown menu.
- UPC:** A text input field.
- Item Price:** A text input field.
- Shipping Cost:** A text input field.
- Enter a short description:** A large text area.
- Current Photo:** A large rectangular area with the text "Double click on a photo to preview".

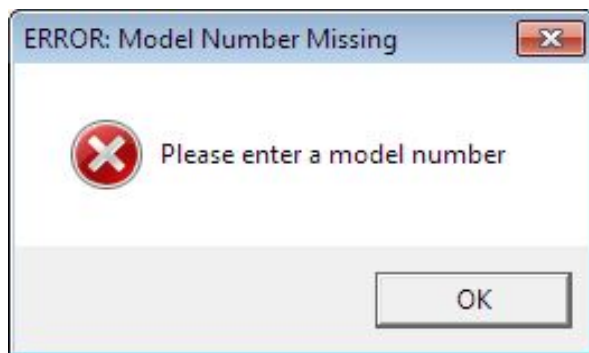
At the bottom, there are three buttons:

- Add Item** with a green plus icon.
- Select Photos** with a camera icon.
- Remove Photos** with a camera icon and a red prohibition sign.

1. Illustration: The empty form created on program start-up.

## 2. Adding Items

Adding items is a simple procedure. As an example, we will fill the form with information about a Casio WK-245 Keyboard. Simply fill out the forms with the items information which can be either be found online or on the item's box. Important form fields **require** to be filled in correctly (e.g. non-negative item price, non-negative shipping cost, model number not empty). If information is entered incorrectly a warning window will appear and the field with the incorrect information will have red colored text. These checks are done in order to create web pages with correct / meaningful information. The error windows are uncommon if the item's information is entered correctly.



2. Illustration: Error window when a model number field is blank.



3. Illustration: Error window when a negative price is entered.



4. Illustration: Error window when entering an item without any photos.

**Sound Core - Database Entry**

## Database Item Entry

**Item Type:** Keyboard **Manufacturer:** Casio

**Model:** WK-245 **Serial Number:** K371037189

**Item Condition:** Brand New **UPC:** 079767314545

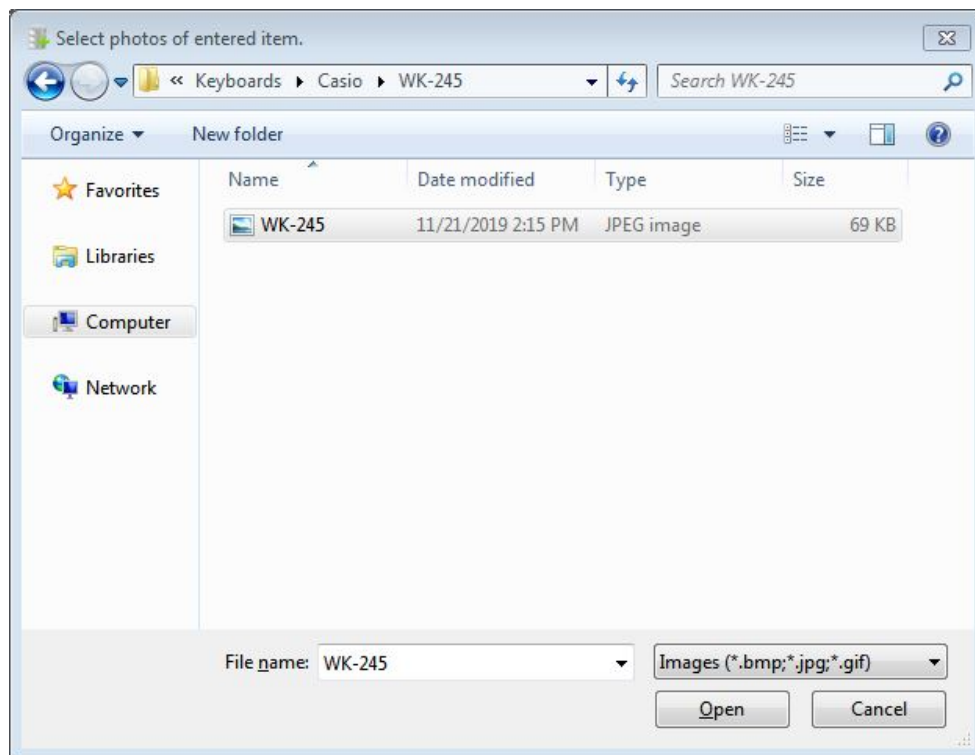
**Item Price:** 199.99 **Shipping Cost:** 0.00

**Enter a short description:**  
 incorporates an on-board 5 song / 6 track recorder so you can capture those jams that turn into instant inspiration, and the WK-245 incorporates a built-in sampling feature so you can keep creating your own unique sounds.

**Current Photo**  
 Double click on a photo to preview

Add Item (+)    Select Photos (camera icon)    Remove Photos (trash icon)


5. Illustration: Form with information about a Casio WK-245. Photos are missing from this form.






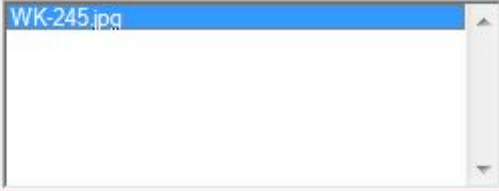
6. Illustration: Selecting a photo for the WK-245

**Sound Core - Database Entry**

## Database Item Entry

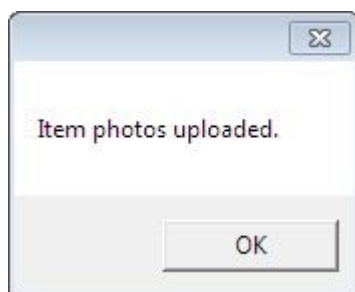
<b>Item Type:</b> Keyboard	<b>Manufacturer:</b> Casio	<b>Current Photo</b> 
<b>Model:</b> WK-245	<b>Serial Number:</b> K371037189	
<b>Item Condition:</b> Brand New	<b>UPC</b> 079767314545	
<b>Item Price:</b> 199.99	<b>Shipping Cost:</b> 0.00	
<b>Enter a short description:</b> incorporates an on-board 5 song / 6 track recorder so you can capture those jams that turn into instant inspiration, and the WK-245 incorporates a built-in sampling feature so you can keep creating your own unique sounds.		

Add Item 
Select Photos 
Remove Photos 



7. Illustration: The completed form with photos and correct information.

After all of the information is entered click on the “Add Item” button to complete adding the item and to create a web page. After the add item button is clicked, two windows will appear indicating the status of upload.



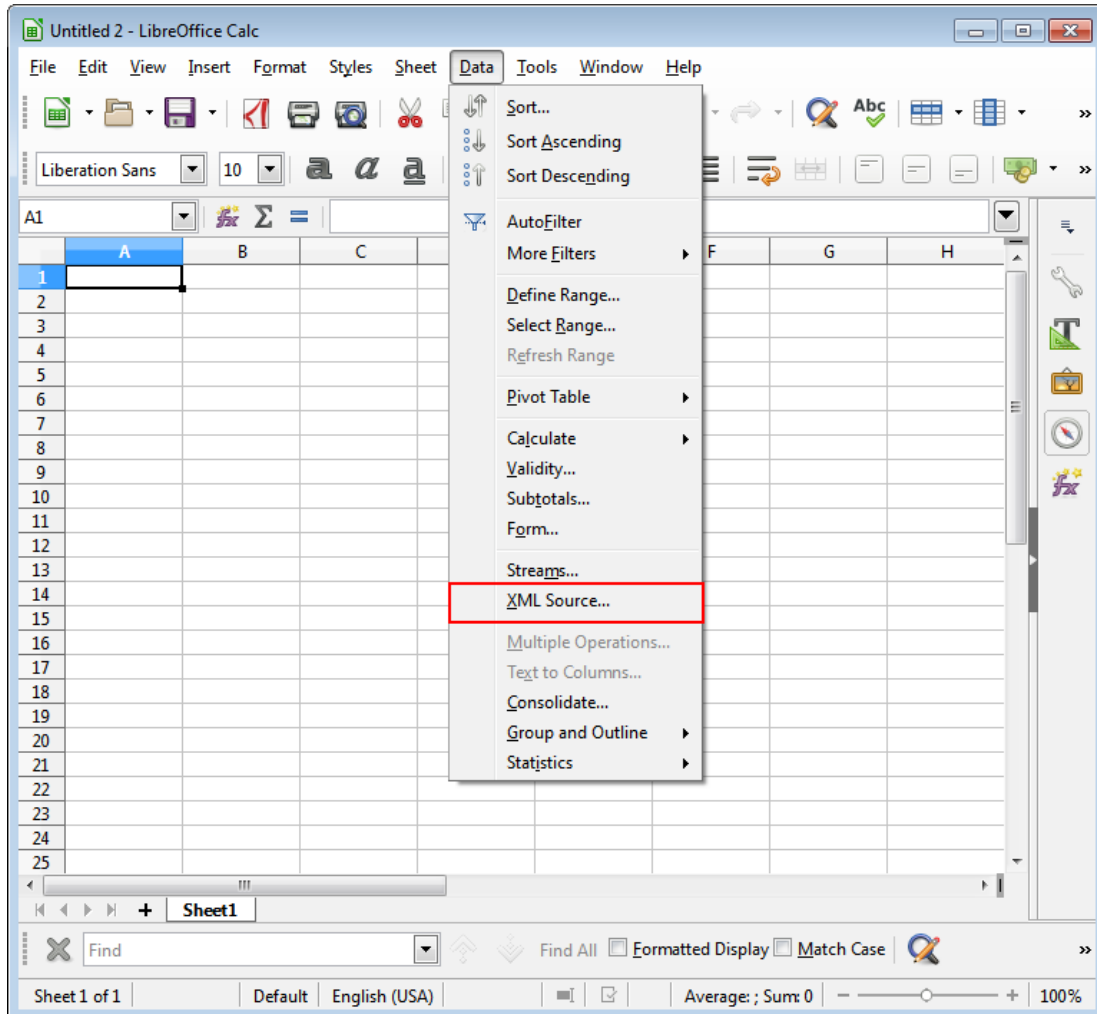
8. Window indicating that the photos have been uploaded.



9. Window indicating that the item has been added and the web page has been created.

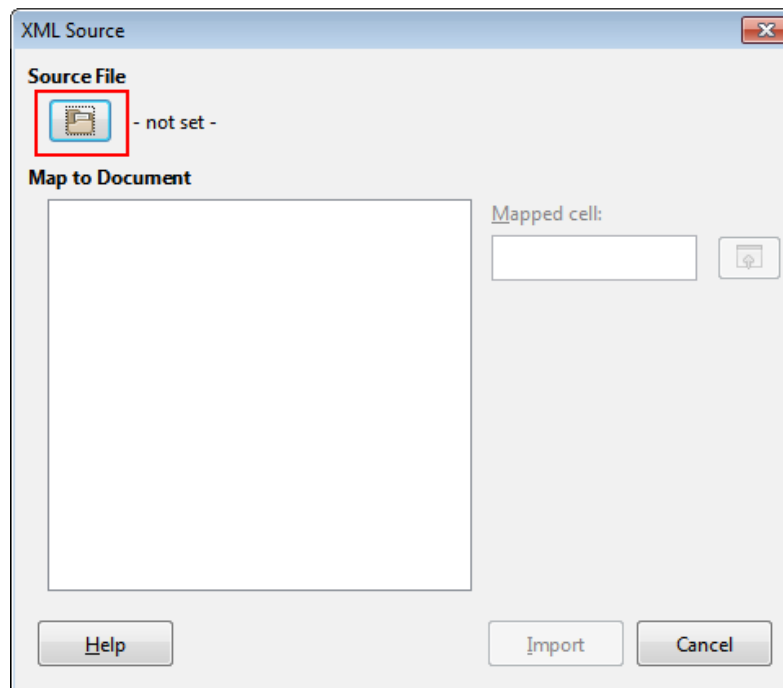
### 3. Viewing entered information in LibreOffice Calc

To view previously entered items the user will need to open the XML files with LibreOffice Calc. To do this start up LibreOffice Calc and then go to “Data > Xml Source...”



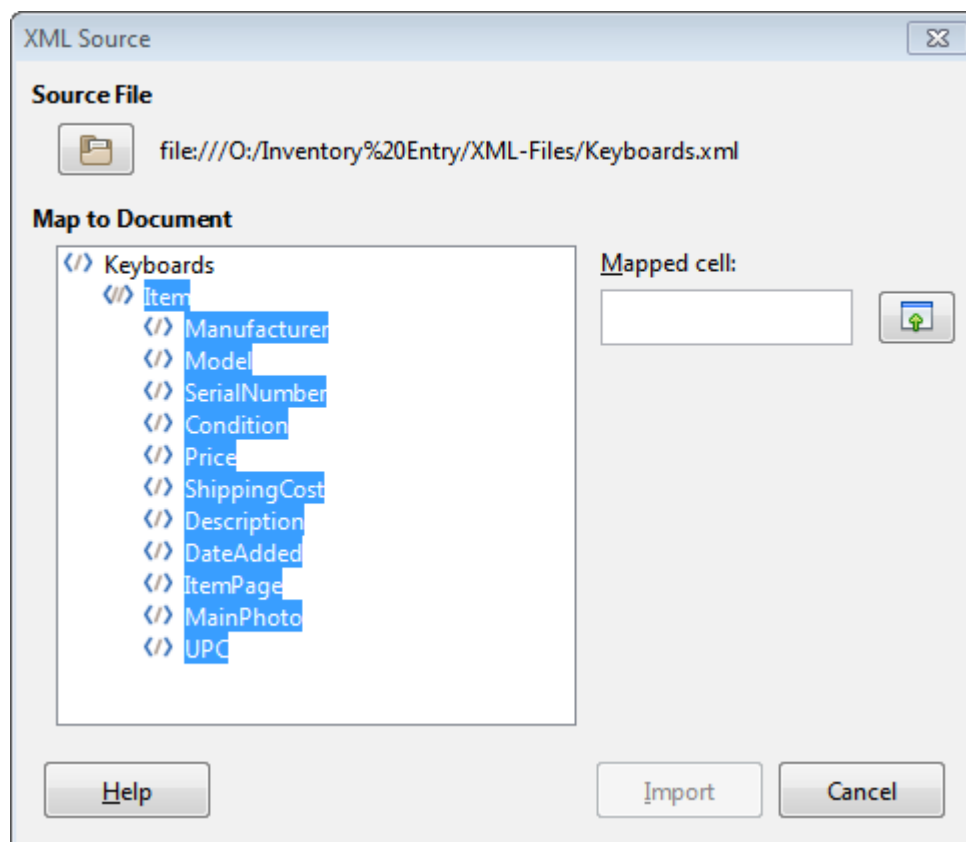
10. Illustration: Where to find the sub-menu to load XML files

After clicking “XML Source...” a new window will appear. Click on the button with the folder on it to select an XML file to load into the spreadsheet document.



11. Illustration: Button to click on for loading XML Files into spreadsheet document.

Load XML files from the location “**O:\Inventory Entry\XML-Files\**” and select one of the Item categories. We will load the file “**Keyboards.xml**” to view the Casio WK-245 that we previously entered.



12. Illustration: Selecting the "Item" tree and mapping to a cell.

Select the “Item” and map the cell into “\$Sheet2.\$A\$1”. This will load the XML information into the spreadsheet document.

	A	B	C	D	E	F	G	H	I	J
	Manufacturer	Model	SerialNumber	Condition	Price	ShippingCost	Description	DateAdded	ItemPage	MainPic
1	Casio	CT-X 700	ADC381004716	Brand New	174.99	0	The CT-X 700	###	/Item/Casio	/Picture
2	Casio	WK-7600	WKADC381002117	Brand New	449	0	Creating the	###	/Item/Casio	/Picture
3	Casio	LK-280	827ADC398018184	Brand New	199.99	0	The Casio LK	###	/Item/Casio	/Picture
4	Casio	PX-160BK	ADC381036475	Brand New	499.99	0	The success	###	/Item/Casio	/Picture
5	Casio	CTK-3500	ADC37J055786	Brand New	129.99	0	Casio's CTK	###	/Item/Casio	/Picture
6	Casio	CTK-2550	BDC378100663	Brand New	99.99	0	No matter wh	###	/Item/Casio	/Picture
7	Casio	CGP-700BK	DC357003649	Excellent	799.99	0	Known as the	###	/Item/Casio	/Picture
8	Casio	XW-P1	356005842	Excellent	449.99	0	Designed with	###	/Item/Casio	/Picture
9	Casio	XW-G1	852ADK327001916	Excellent	550	0	The XW-G1	###	/Item/Casio	/Picture
10	Casio	PX-760	DC371159895	Brand New	699.99	0	With its expr	###	/Item/Casio	/Picture
11	Casio	PX-780	DC372007624	Brand New	899.99	0	The PX-780	###	/Item/Casio	/Picture
12	Casio	PX-5S	933ADC34L007365	Brand New	999	0	The PX-5S is	###	/Item/Casio	/Picture
13	Casio	PX-360	364005057	Brand New	899.99	0	PX 360 is a li	###	/Item/Casio	/Picture
14	Casio	CT-X 3000	ADC387002075	Brand New	299.99	0	Wherever you	###	/Item/Casio	/Picture
15	Casio	CT-X 5000	ADC387001222	Brand New	449	0	Wherever you	###	/Item/Casio	/Picture
16	Roland	FP-10BK	Z7J5337	Brand New	499.99	0	When inspira	###	/Item/Roland	/Picture
17	Roland	RD-2000	21Z5H1197	Brand New	2499	0	Equipped with	###	/Item/Roland	/Picture
18	Roland	RP-102	A4I2251	Excellent	999.99	0	When choosi	###	/Item/Roland	/Picture
19	Casio	WK-245	K371037189	Brand New	199.99	0	76-key portab	###	/Item/Casio	/Picture
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13. Illustration: The spreadsheet after loading the XML information

After you have loaded the information, you can style it however you’d like or remove any columns or rows.

Web Pages can be found in the “Item” directory where the executable is located.

Run the “Add-To-Store” batch file to copy the item pages to the web server and view the web pages in google chrome.