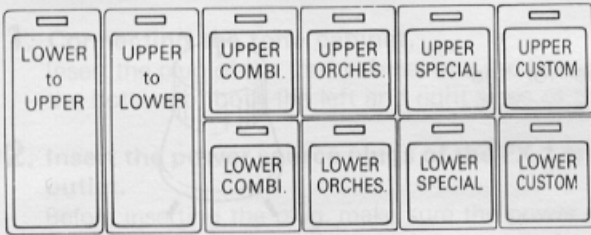


## II. Understanding the various functions

### Ensemble Section



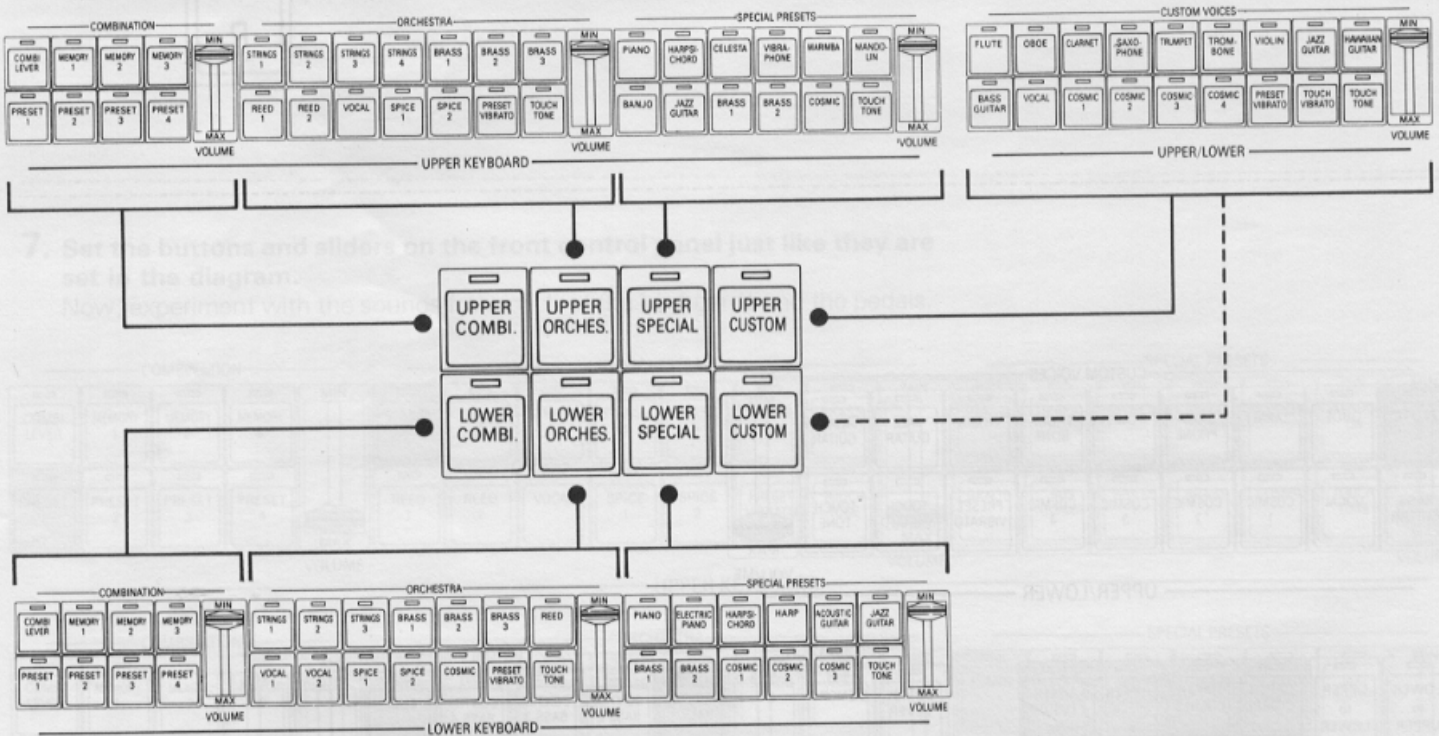
#### ENSEMBLE

The ENSEMBLE is the section that centrally controls the tone groups of the upper and lower keyboards. Among these, the 8 buttons at the right side enables you to create tone groups, and various tones can be mixed with ease by depressing only those buttons that are necessary. If you wish to cancel any of these, simply depress the buttons once again.

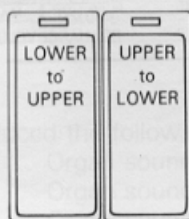
As the diagram below illustrates, the upper row of buttons corresponds to the tone group of the upper keyboard, while the lower row corresponds to the lower keyboard. It is possible to create from 1 up to a maximum of 4 tone

groups on each of the keyboards. When using the Upper/Lower Custom Voice, make a choice between creating tones on the upper or the lower keyboard. This is how tone groups of the upper and lower keyboards can be controlled simultaneously, thus enabling changing of the registration with ease during play.

★ An explanation for each of the tone groups which can be used with the Ensemble section will begin on the next page. Be sure to press the RESET button before beginning any of these operations.



#### ■ COUPLER

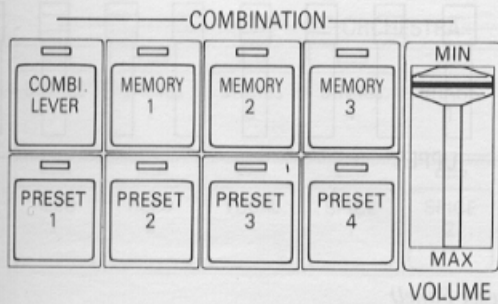


The 2 buttons on the left side are Couplers for the two keyboards. It is possible to produce the selected tone groups by transferring from one keyboard to another. Therefore, tone groups can be freely combined.

**LOWER to UPPER:** When this button is on, tone groups selected on the lower keyboard can be obtained on the upper keyboard as well. Some groups from both keyboards can be combined on the upper keyboard, creating a more massive sound.

**UPPER to LOWER:** When this button is on, tone groups selected on the upper keyboard can be obtained on the lower keyboard, and tone groups from both keyboards can be combined on the lower keyboard. It is possible to use the LOWER to UPPER and UPPER to LOWER simultaneously.

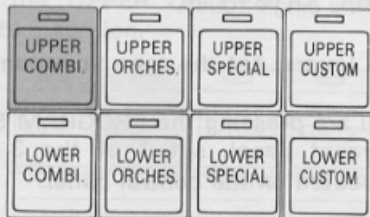
# Tone Groups for the Upper Keyboard



## Combination

In this tone group various organ sounds can be obtained by using a single button. First, try the organ sound which is preset in the Electone. There are eight tone select buttons. Select one of them and set it on.

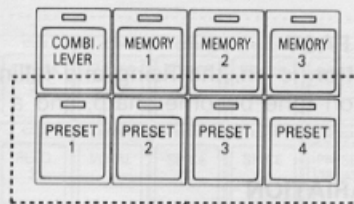
- 1) Push the **UPPER COMBINATION** button in the **ENSEMBLE** section to the **ON** position.



## ENSEMBLE

Now, the Upper Combination will be called.

- 2) Select one of the 4 **PRESET** buttons by depressing it.



Select one of these.

- 3) Move the **VOLUME** slider down.



When it is set at the top, the volume is zero. As you move the slider down the volume will increase.

Having set the Electone like this, when you play the upper keyboard, the tone group you selected in Step 2 will be produced. Now change the **PRESET** tone and compare the sound difference.

## [Tones obtained from the various buttons]

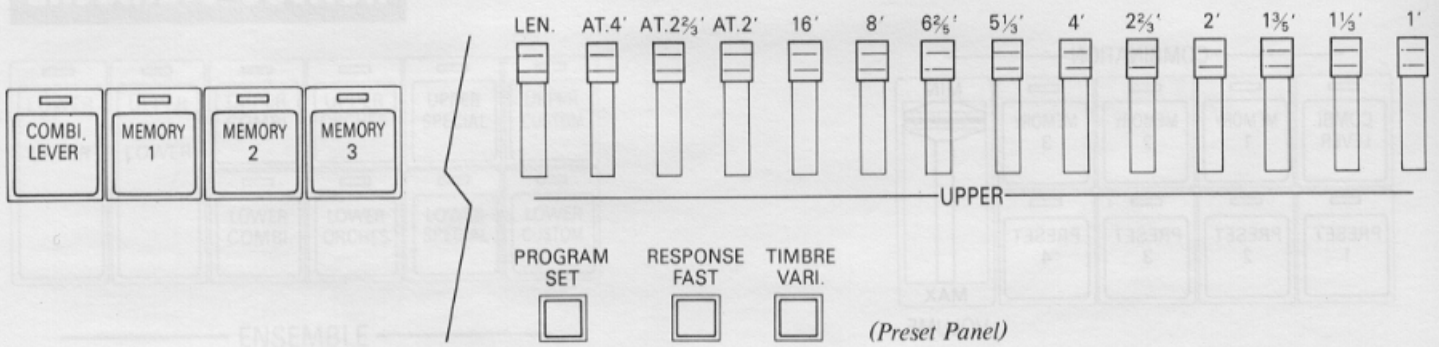
In the Combination section there are buttons for producing predetermined tones and buttons for producing the tone which you have set. These are respectively located on the lower and upper rows. The tones which can be obtained with these 8 buttons are as follows:

**COMBI. LEVER:** During a performance, by using this Combination Lever button you can obtain the tone which is set with the levers on the preset panel. (Refer to the next page.)

**MEMORY 1.2.3:** With these buttons you can store the tone you set using the levers on the preset panel into memory. (Refer to the next page.)

**PRESET 1.2.3.4:** Frequently used organ sounds are preset with these buttons.

## Ensemble Section

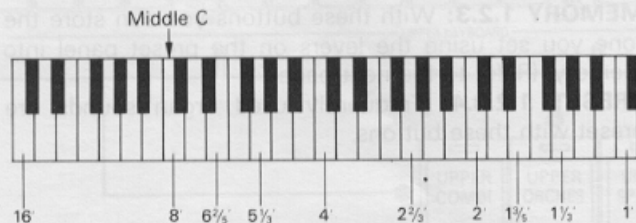


### [Setting Tones with the Levers]

When you select the COMBI.LEVER button, you can obtain the tone which is set by the UPPER FLUTE and UPPER ATTACK levers on the preset panel. Click stops are provided for each of these levers. The further you pull them forward, the louder you can set the volume. This enables you to finely set the volume for each of the levers. With these levers it is possible to produce subtle shades of volume just the way you want.

**FLUTE levers:** You can create various organ sounds by combining the optional levers. The numbers above the levers indicate the respective sound intervals, and ten possibilities are available for the Upper Flute.

(Sound intervals for the levers when middle C is pressed.)



**ATTACK and ATTACK LENGTH levers:** Attack tones are short notes with a rapid rising of sound. When they are set together with the Flute tones, a crisp sound can be produced.

The time length of the Attack tones can be controlled with the LENGTH lever.

### [Storing the Setting for the Levers in Memory]

Using the 3 MEMORY buttons, you can store the tone which was set with the FLUTE and ATTACK levers into memory before a performance. Then without having to set the levers while performing, you can create the tone you want with a single touch.

- 1) Using the levers, set the tone you want stored in memory.
- 2) While you are pressing the PROGRAM SET button on the preset panel, set 1 of the 3 MEMORY buttons located on the control panel.

When the indicator light for the on MEMORY button flashes, it indicates that the tone has been stored in memory.

★ Once a tone has been stored in memory, it will not be erased until a new tone is set using the same button, even if the power is turned off.

#### ■ RESPONSE FAST

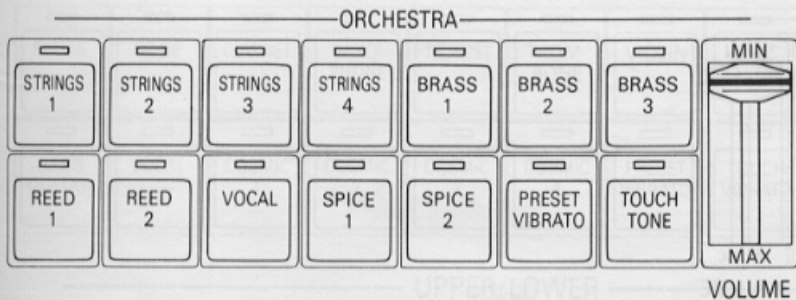
When this button is on, the rising and falling sound of the Combination tone become sharp, and a hard sound is produced.

#### ■ TIMBRE VARIATION

When this button is on, the Combination tone changes and a sparkling full sound can be produced. The timbre of Upper and Lower flute 16'. 8'. 4'. is changed.

★ Both RESPONSE FAST and TIMBRE VARIATION can be stored in memory using PROGRAM SET and 3 MEMORY buttons.

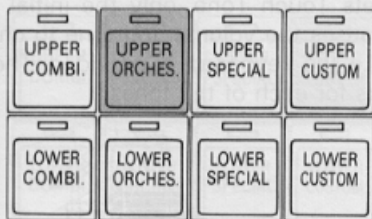




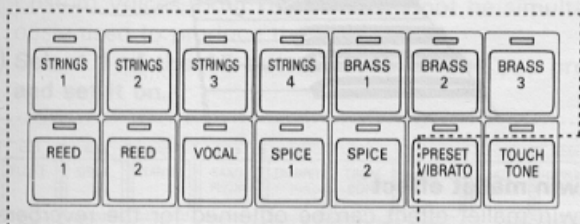
## Orchestra

With this tone group a rich orchestral ensemble can be obtained. The buttons which are set represent strings, brass, and the sounds of other major instruments of an orchestra. An appropriate effect for each of these color-tones can be combined before a performance. Now, experiment with these sounds.

- 1) Set on the **UPPER ORCHESTRA** button in the **ENSEMBLE** section.



- 2) Select 1 of the 12 buttons whose tone you prefer and set it on.



- 3) Move the volume slider down.

Having set the Electone like this, when you play the upper keyboard, the tone you selected in Step 2 will be produced. Now depress the other buttons and compare the sounds.

- ★ When you set the Orchestra button on, the SYMPHONIC effect will automatically be produced for the STRINGS 2 and VOCAL tones.

### PRESET VIBRATO



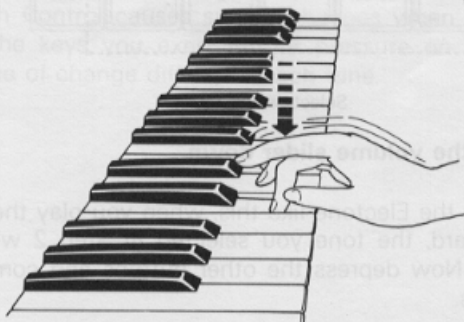
When this button is on, a Vibrato effect, causing minute alterations in pitch for the selected tone, will be produced. The Vibrato depth, speed and delay timing, appropriate for the individual tones, are all preset.

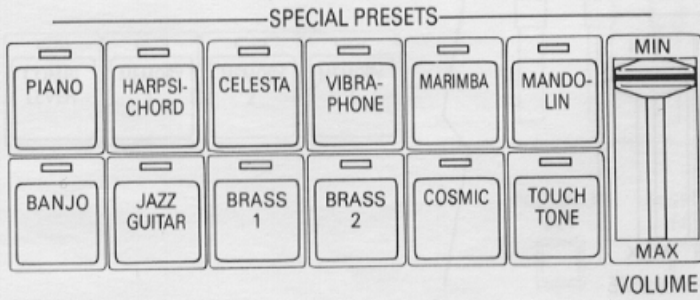
- ★ You can also preset the Vibrato yourself. (Refer to Page 14.)

### TOUCH TONE



When this button is on, the volume and tone can be subtly controlled by the pressure of your touch. Two types of touch control are possible according to how you strike the keyboard. Initial Touch Control causes the volume and tone to change when you first strike the keyboard. After Touch Control causes similar changes when after striking the keys you exert further pressure on them. These controls can be used to create even more expressive performances. The degree of change differs for each of the tones.

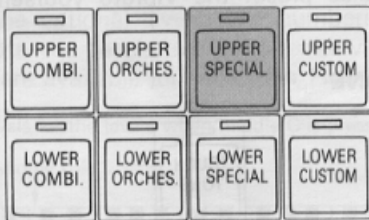




## Special Presets

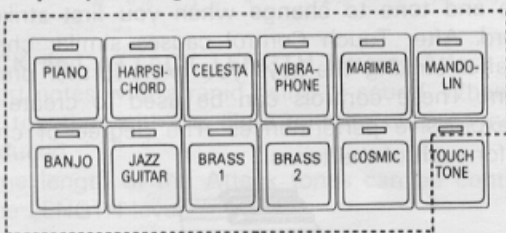
This is a tone group in which the piano, vibraphone and other instrumental sounds are preset. With this group you can recreate the clear sound which is the distinguishing quality of a particular musical instrument, such as the rapid diminuendo of the piano and harpsichord or the repeating effect of a marimba and mandolin. Now, experiment with one of these sounds.

- 1) Push the **UPPER SPECIAL** button in the **ENSEMBLE** section to the **ON** position.



— ENSEMBLE —

- 2) Select 1 of the 11 buttons whose tone you prefer and by depressing it.



Select one of these

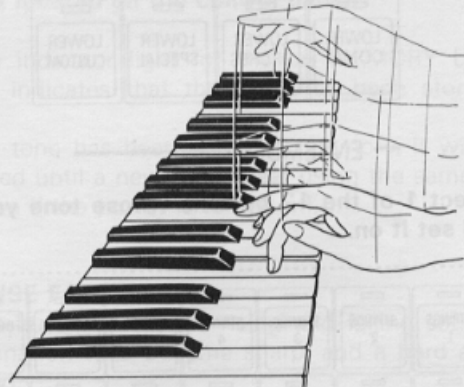
- 3) Move the volume slider down.

Having set the Electone like this, when you play the Upper Keyboard, the tone you selected in Step 2 will be produced. Now depress the other buttons and compare the sounds.

### TOUCH TONE

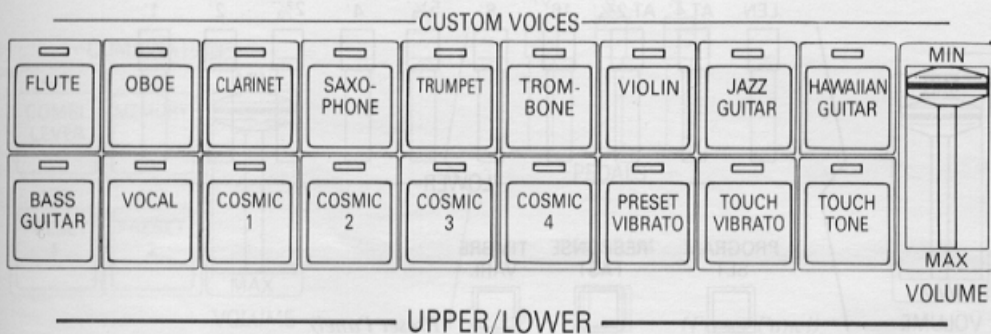


When this button is on, the volume and tone can be subtly controlled by the pressure of your touch, making an even more expressive performance possible. In the Special Presets Touch Tone, only the initial touch control, which causes the volume and tone to change when you first strike the keyboard, is provided. The degree of change differs for each of the tones.



### Twin mallet effect

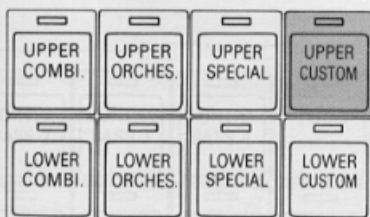
A twin mallet effect can be obtained for the reverberating sound of the MARIMBA. With this effect, by simultaneously pressing 2 or more keys, a sound will be produced where the highest and lowest tones are finely interrelated.



## Custom Voices

With this tone group various instrumental sounds are obtained one tone at a time. Since the tones and volume can be subtly altered, extremely realistic sounds can be produced. Besides a variety of wind instrumental sounds, the fantastic COSMIC sound can be produced. Now, create one of these sounds.

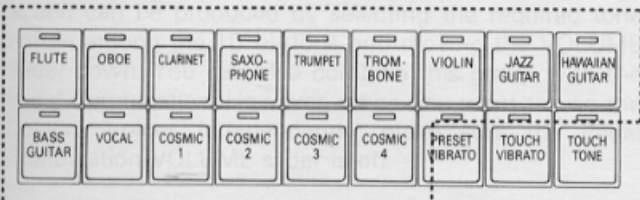
- 1) Push the UPPER CUSTOM button in the ENSEMBLE section to the ON position.**



— ENSEMBLE —

You have your choice of using either the upper or lower keyboard for producing the Upper/Lower Custom Voices. Both keyboards cannot be simultaneously used to produce them.

- 2) Select 1 of the 15 buttons whose tone you prefer and set it on.**



Select one of these.

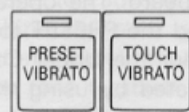
- 3) Move the volume slider down.**

Having set the Electone like this, when you play the upper keyboard, the tone you selected in Step 2 will be produced. Now set the other buttons and compare each of the different tones.

★ With the Custom Voices only one note at a time can be produced. When it is combined with other tone groups and two keys or more are played simultaneously, only the highest pitch will be heard. When it is not combined with other tone groups, the note which was pressed last will be heard.

★ The slide effect is already incorporated in the tones.

### PRESET VIBRATO and TOUCH VIBRATO



When the PRESET VIBRATO button is on, Vibrato will be produced for the tone which is selected. The Vibrato depth, speed and delay timing, appropriate for the individual tones, are all preset.

When the TOUCH VIBRATO button is on, the PRESET VIBRATO button goes off. By increasing or decreasing touch pressure while playing the keyboards, the Vibrato Depth can be controlled. The Vibrato speed is preset.

★ You can also preset the Vibrato yourself. (Refer to Page 14.)

### TOUCH TONE



When this button is on, the volume and tone can be subtly controlled by the pressure of your touch. With the Upper/Lower Custom Voices, two types of touch control are possible according to how you strike the keyboard. Initial Touch Control causes the volume and tone to change when you first strike the keyboard. After Touch Control causes similar changes when after striking the keys you exert further pressure on them. The degree of change differs for each tone.