

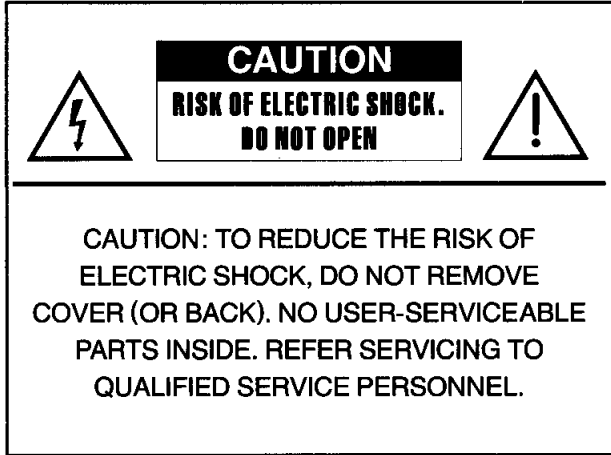
**YAMAHA** Electone®

**EL-25**

OWNER'S MANUAL

# SPECIAL MESSAGE SECTION

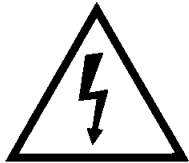
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See bottom of keyboard enclosure for graphic symbol markings.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.

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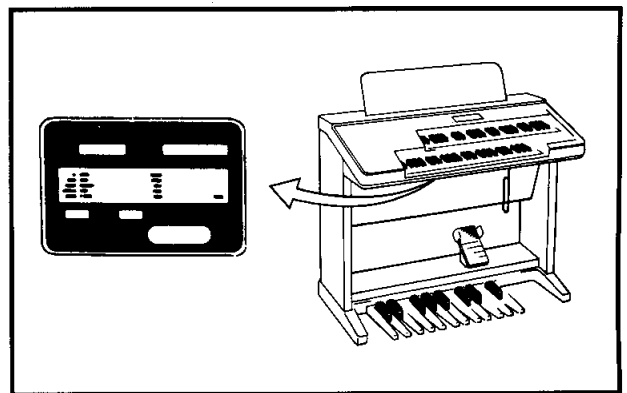
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**NAME PLATE LOCATION:** The graphic below indicates the location of the name plate. The model number, serial number, power requirements, etc., are located on this plate. You should record the model number, serial number, and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase.



Model \_\_\_\_\_

Serial No. \_\_\_\_\_

Purchase Date \_\_\_\_\_

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### 1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

2. IMPORTANT: When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

3. NOTE: This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not

occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA 90620.

The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

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THIS DIGITAL APPARATUS DOES NOT EXCEED THE "CLASS B" LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATION OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS.

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LE PRESENT APPAREIL NUMERIQUE N'EMET PAS DE BRUITS RADIOELECTRIQUES DEPASSANT LES LIMITES APPLICABLES AUX APPAREILS NUMERIQUES DE LA "CLASSE B" PRESCRITES DANS LE REGLEMENT SUR LE BROUILLAGE RADIO ELECTRIQUE EDICTE PAR LE MINISTERE DES COMMUNICATIONS DU CANADA.

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**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

**ATTENTION:** POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

Dette apparat overholder det gældende EF-Direktiv vedrørende radiostøj.

Cet appareil est conforme aux prescriptions de la directive communautaire 87/308/CEE.

Diese Geräte entsprechen der EG-Richtlinie 82/499/EWG und/oder 87/308/EWG.

This product complies with the radio frequency interference requirements of the Council Directive 82/499/EEC and/or 87/308/EEC.

Questo apparecchio è conforme al D.M.13 aprile 1989 (Direttiva CEE/87/308) sulla soppressione dei radiodisturbi.

Este producto está de acuerdo con los requisitos sobre interferencias de radio frecuencia fijados por el Consejo 87/308/CEE.

**YAMAHA CORPORATION**

## Wichtiger Hinweis für die Benutzung in der Bundesrepublik Deutschland.

### Bescheinigung des Importeurs

Hiermit wird bescheinigt daß die Elektronische Orgel Typ: EL-25 in Übereinstimmung mit den Bestimmungen der VERFÜGUNG 1046/84 (Amtsblattverfügung) funkentstört ist.

Der Deutschen Bundespost wurde die Berechtigung zur Überprüfung der Serie auf Einhaltung der Bestimmungen eingeräumt. Das Funksehutzzeichen ist beim VDE beantragt.

Yamaha Europa GmbH: (Name des Importeurs)

\* Dies bezieht sich nur auf die von der YAMAHA EUROPE GmbH vertriebenen Produkte.

## IMPORTANT

THE WIRES IN MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:

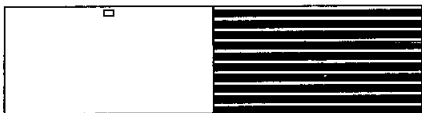
**Blue: NEUTRAL**

**Brown: LIVE**

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Making sure that neither core is connected to the earth terminal of the three pin plug.

# EL-25



**REVERB**

MAX

0 10 20 30 40 50 60 70 80 90 100

MIN

**UPPER KEYBOARD VOICE**

|         |       |          |            |         |           |     |
|---------|-------|----------|------------|---------|-----------|-----|
| STRINGS | BRASS | CLARINET | SAXO-PHONE | CHOIRUS | HARMONICA | MAX |
| ORGAN   | PIANO | OUTRAN   | TRUMPET    | TUTTI   |           | MIN |

**LEAD VOICE**

|       |         |          |
|-------|---------|----------|
| VOLIN | FLUTE   | MAX      |
| VOICE | TRUMPET | TO LOWER |

**REGIST. MEMORY**

1

2

3

4

5

D.

M.

**BASIC REGIST.**

1

2

3

4

5

**SUSTAIN**

UPPER PEDAL

LOWER PEDAL

**LOWER KEYBOARD VOICE**

|         |       |          |            |         |      |     |
|---------|-------|----------|------------|---------|------|-----|
| STRINGS | BRASS | CLARINET | SAXO-PHONE | CHOIRUS | HORN | MAX |
| ORGAN   | PIANO | OUTRAN   | TRUMPET    | TUTTI   |      | MIN |

**PEDAL VOICE**

|             |           |          |
|-------------|-----------|----------|
| CONTR. BASS | ELC. BASS | MAX      |
| ORGAN BASS  | TUBA      | TO LOWER |

**RHYTHM**

|           |           |        |        |         |              |         |     |
|-----------|-----------|--------|--------|---------|--------------|---------|-----|
| MARCH     | WALTZ     | SWING  | BOUNCE | REGGAE  | SLOW ROCK    | 8 BEAT  | MAX |
| ROCK FUNK | DISCO CHA | REVERB | FLAMBA | WARRIOR | ORIENT. BASS | 12 BEAT | MIN |

**KEYBOARD PERCUSSION**

LOWER PEDAL

UPPER PEDAL

**BAR/BEAT**

TEMPO

BAR BEAT

**RHYTHM**

INTRO ENDING

PHRASE START

REPEAT START

FILL IN

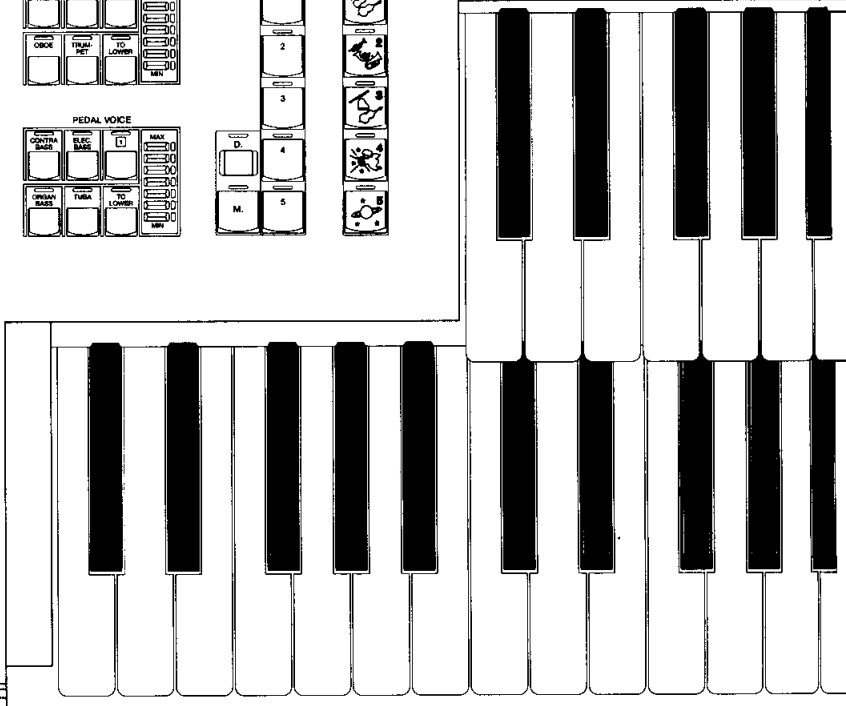
**DATA CONTROL**

Left Arrow

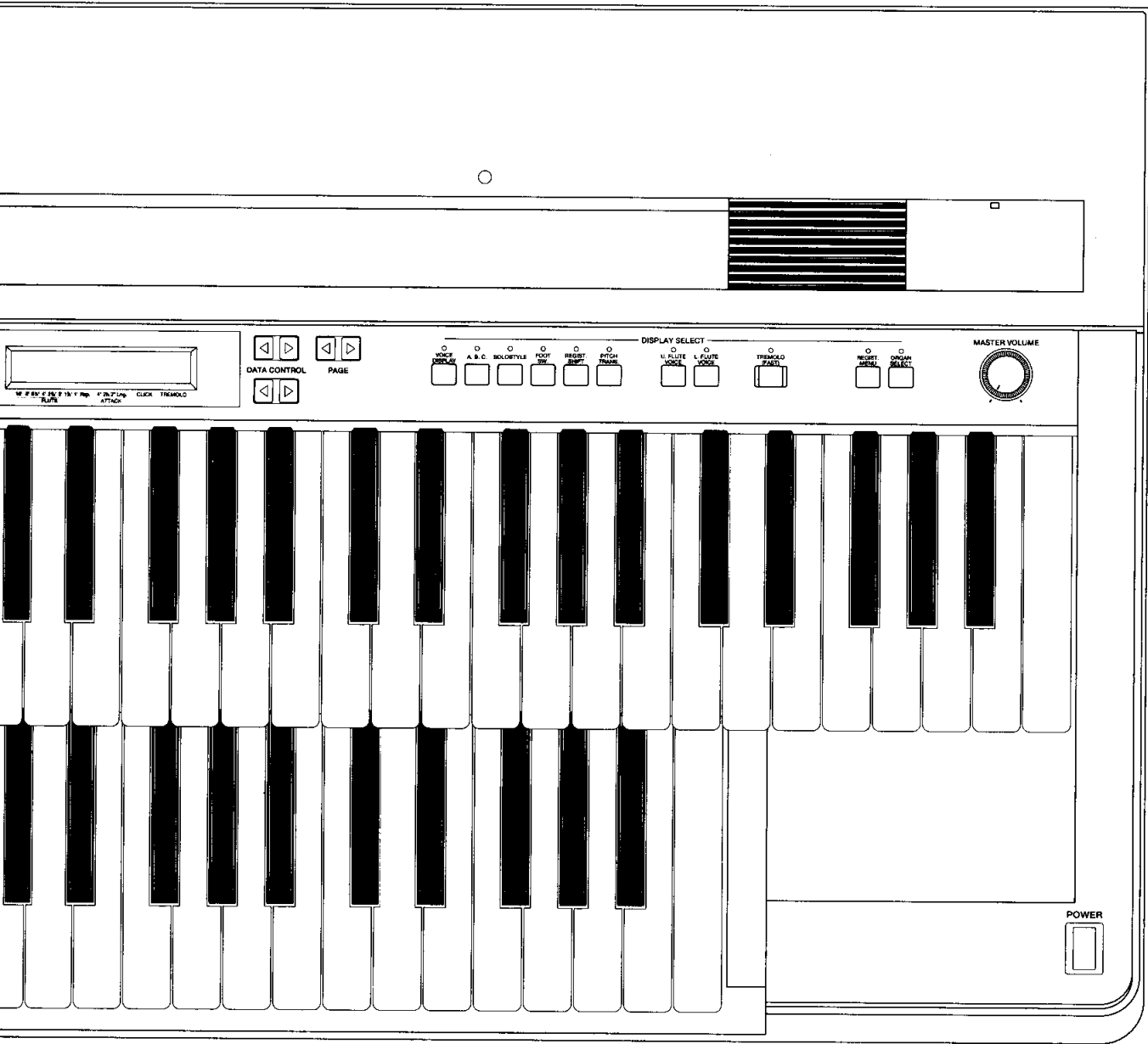
Right Arrow

Left Arrow

Right Arrow



YAMAHA Electone EL-25



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# Main Features

Your Yamaha Electone is packed with many sophisticated functions. Yet it is amazingly easy to use. The main features are described here so that you can quickly understand the capabilities of your Electone.

**Included among the main features are:**

## **Astoundingly True-to-life Sounds**

The new AWM (Advanced Wave Memory) and FM (Frequency Modulation) tone generation technologies, combined with authentic touch response for individual instrument voices, make the EL-25 a truly expressive musical instrument. (See page 14.)

## **Limitless Variety of Organ Sounds**

The EL-25 also has separate voice sections that feature classic organ sounds — from jazz and pop to church and theater — and lets you easily create your own organ sounds by adjusting the volumes of the various flute footages. (See page 20.)

## **Wide Range of Voice Controls and Effects**

Electone voices can also be enhanced with a variety of voice controls and effects, including octave settings, Sustain, Reverb, Tremolo (for reproducing the sound of a rotating speaker) and Vibrato. (See page 23.)

## **Dynamic Rhythm Patterns**

The Rhythm section of the EL-25 features authentic drum and percussion sounds, used by expert rhythm programmers in creating a total of 41 rhythm patterns, ranging across all styles of music. (See page 30.) A Keyboard Percussion function is also provided for playing the realistic percussion sounds from the Lower keyboard and Pedalboard. (See page 40.)

## **Comprehensive Automatic Accompaniment**

The EL-25 is also equipped with various automatic accompaniment functions, including Auto Bass Chord, Accompaniment, Melody On Chord and the exciting SoloStyle feature. Together or individually, they provide entertaining and inspiring instrumental backing and embellishment for your performance. (See pages 36 – 42.)

## **Wide Variety of Registration Menus**

Your Electone also has convenient Registration Menus that allow you to instantly change all settings for the entire instrument in real time, as you play. Each Registration has been specially created by professional Electone artists to match virtually any style of music you play. (See page 8.)

## **MIDI Compatibility**

The Electone is equipped with the worldwide standard Musical Instrument Digital Interface (MIDI), allowing your Electone to control (or be controlled by) other MIDI instruments. (See page 50.)

# Quick Introductory Guide

## Playing Your EL-25 Electone

No matter what your level of playing experience, we recommend that you take the time to go through this basic section. It shows you in the simplest possible manner how to start playing your Electone. The basic operations and functions that you learn in this section will also be important when you later use the Electone's more advanced features.

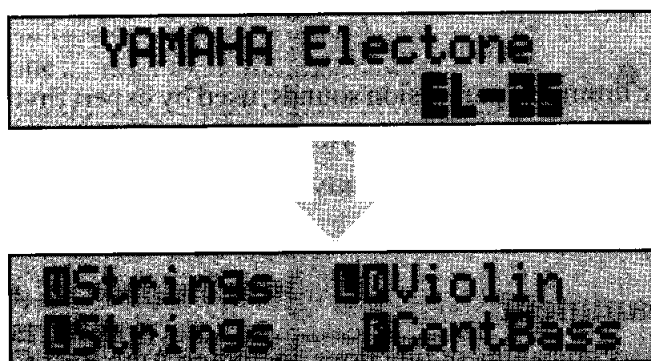
## Getting Started

Once you've set up your Electone and plugged the power cord into an electrical outlet, you're ready to get started and play.

1. Turn on the Electone by pressing the POWER switch.



When you turn on the Electone, the following displays will appear in succession in the LCD:



This last display (Voice Display) shows the currently assigned voice settings for each voice section of the instrument, with the abbreviation for each beside the voice name: Upper ( U ), Lower ( L ), Lead ( LL ), and Pedalboard ( P ).

Turning the Electone off erases all panel settings you have made. When the Electone is turned on, Basic Registration 1 is automatically selected. If you have made panel settings you wish to keep, save them to Registration Memory (see page 43) before turning the Electone off. You can, however, restore the panel settings that were made before the Electone was last turned off. In doing this, first be careful NOT to press any panel buttons (excepting those in Basic Registration) after you turn the Electone back on. Then, to restore the previous settings, hold down the M (Memory) button and press the D (Disable) button.



## 2. Set the MASTER VOLUME control.

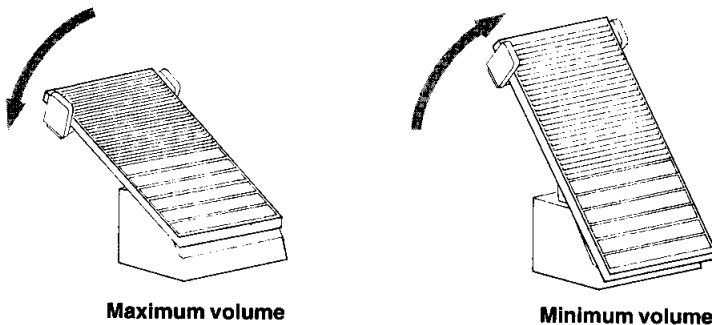
The MASTER VOLUME control is an overall control which affects the volume of the entire instrument.



Set the control to roughly this position. This is the normal playing level.

## 3. Press the Expression pedal down with your foot.

The Expression pedal also controls the entire volume of the Electone. Once you have set the MASTER VOLUME control to a suitable level, you can use the Expression pedal to change the volume with your foot as you play.



For now, press the pedal down slightly beyond the halfway point.

## *Playing Your Electone*

Your new Electone is equipped with an exceptionally wide variety of voices, rhythms, and other convenient functions. Since it may take some time to master the wealth of features available, the Electone includes convenient Registrations that let you completely and instantly change the voices and other settings for all of the keyboards, even as you play. Each registration is pre-programmed to be used for a specific music style or instrumental combination.

### Basic Registrations

The Basic Registration section has five factory preset registrations, each with a different set of voices for the Upper/Lower keyboards and Pedalboard and each specially suited for playing in a different music style.

When you turn the power on, the Electone automatically selects Basic Registration 1. If another registration has been selected (the lamp on the button will be lit), press the button for Basic Registration 1.

Try playing the melody line of the following piece of music on the Upper keyboard, using the indicated registration.

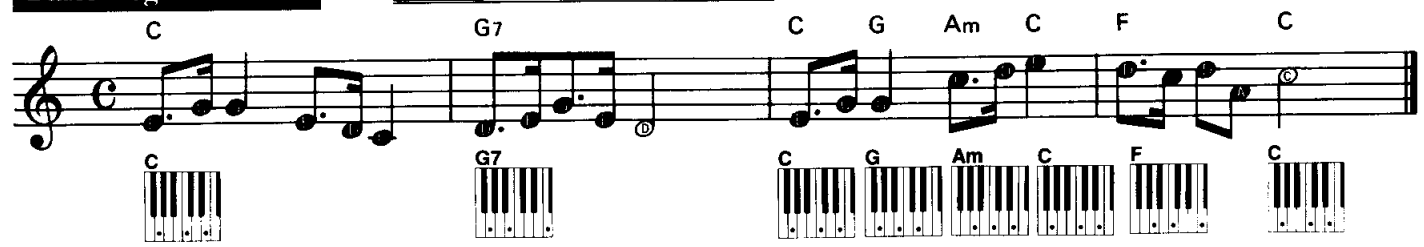


**Basic Registration 1**

From the New World *A. Dvořák*

[32: Pops Orch 1] Tempo ♩ =82

C G7 C G Am C F C



Now, try out the rest of the Basic Registrations with the following music examples. Press the appropriate buttons to select the registrations. Each music example has been chosen to best suit its companion registration.

**Basic Registration 2**

Down by the Riverside *Traditional*

[13: Bigband 2] Tempo ♩ =95

C G7 C

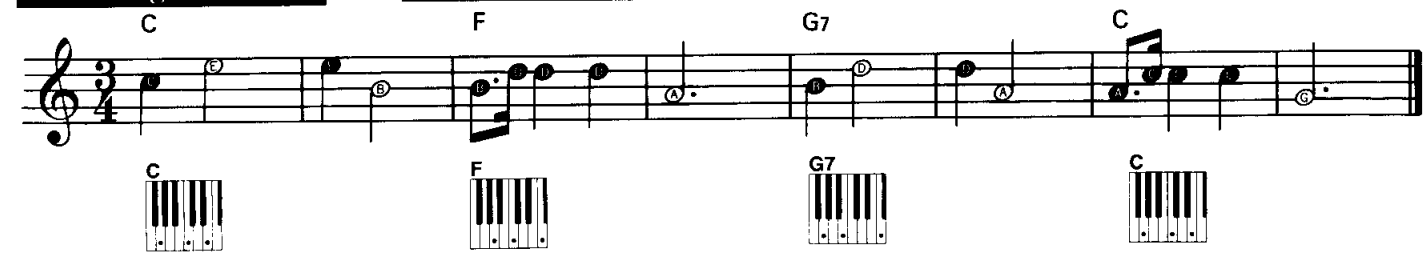


**Basic Registration 3**

Emperor Waltz *J. Strauss*

[9: Vienna Waltz] Tempo ♩ =182

C F G7 C

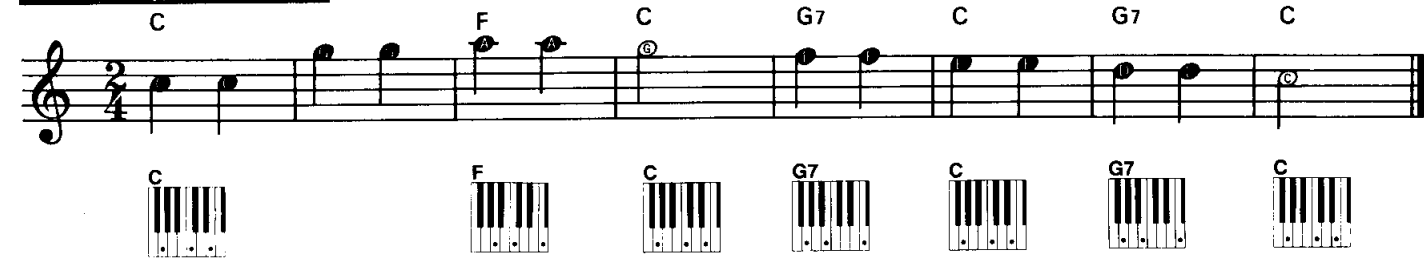


**Basic Registration 4**

Twinkle, Twinkle Little Star *German Folk Song*

[16: Dixieland] Tempo ♩ =108

C F C G7 C G7 C

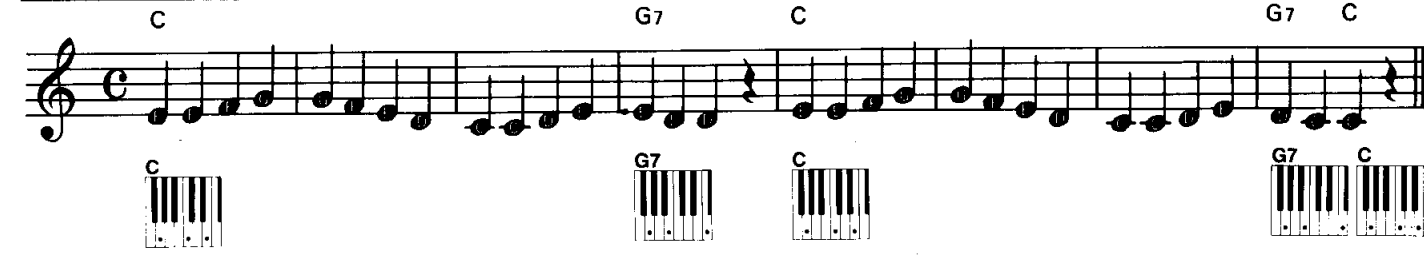


**Basic Registration 5**

Ode to Joy *L. V. Beethoven*

[10: March 1] Tempo ♩ =123

C G7 C G7 C



The chart below lists the voices that have been set for the Upper/Lower keyboards and Pedalboard in each of the five Basic Registrations.

|                      | Basic Registration 1 | Basic Registration 2 | Basic Registration 3 | Basic Registration 4 | Basic Registration 5 |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Upper Keyboard voice | Strings              | Brass                | Flute                | Cosmic 1             | Synth. Brass         |
| Lower Keyboard voice | Strings              | Horn                 | Piano                | Cosmic 2             | Cosmic 3             |
| Pedal voice          | Contra Bass          | Tuba                 | Contra Bass          | Cosmic 2             | Synth. Bass          |

## Registration Menu

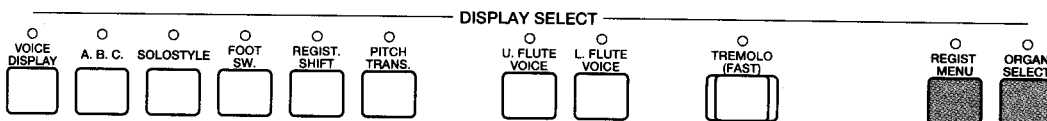
In addition to the Basic Registrations, many more registrations are available on your Electone. These registrations include voice and rhythm/accompaniment selections and have been specially created by professional Electone performers to suit a variety of music styles. With the variety of registrations available, you're certain to find the right registration that perfectly suits any style of music you play.

### Registration Menu / Organ Select

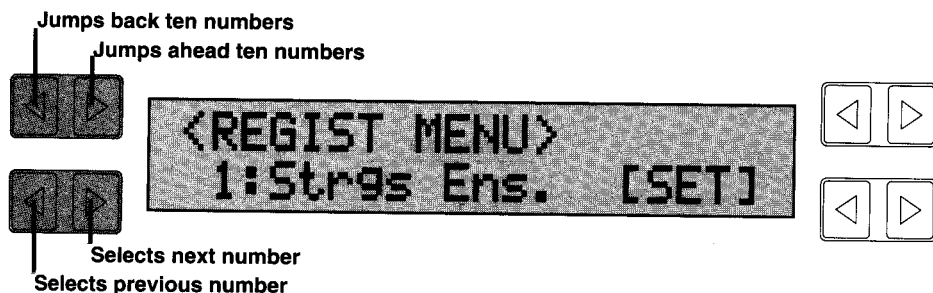
The EL-25 is equipped with a total of 41 specially programmed registrations, selected with the Registration Menu button on the panel. There is also an Organ Select function that lets you call up one of 15 different organ combinations.

To select a registration from Registration Menu, or an organ sound from Organ Select:

1. Press the corresponding button on the panel (REGIST. MENU or ORGAN SELECT).



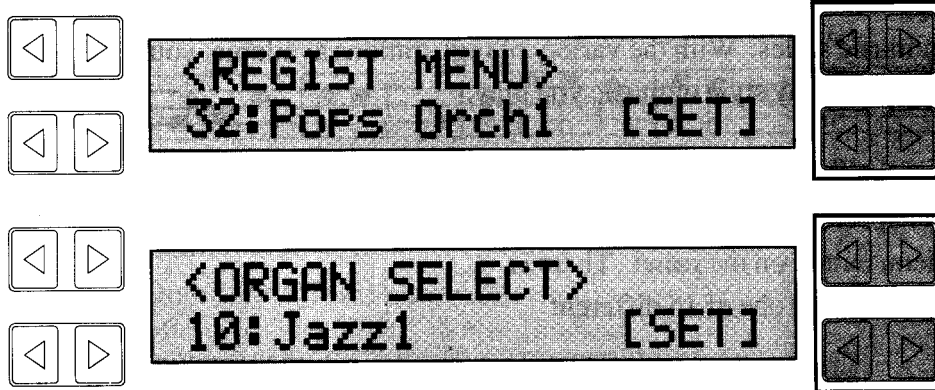
2. From the display that appears, select the desired registration or organ sound.





The bottom left Data Control buttons step through the various selections, while the top left Data Control buttons are used to jump ahead or back by ten selections.

**3.** Finally, call up the selected registration or organ sound by selecting SET in the display. (Pops Orch 1 [No. 32] and Jazz 1 [No. 10] here, for example.)

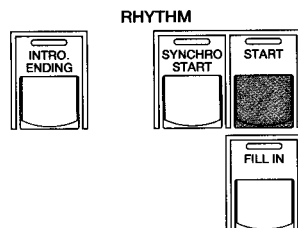


**Note:** The Data Control buttons are generally used to select voice and rhythms, and are also used as described in this section. The left button of a Data Control button pair is usually used in a "negative" fashion — for instance, to decrease a value, or select a previous setting or position. The right button is used in a "positive" fashion — to increase a value, or select the next setting or position.

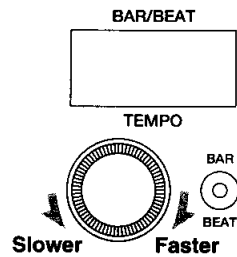
You can now play the registration or organ sound. If you wish, try out some of the other selections by repeating the above steps. Then go on to step #4 and try out the rhythm and accompaniment features of your Electone.

A chart included with this manual provides a list of all the available music styles, along with the rhythm patterns used. (See page 12.)

**4.** Once you've selected a registration, press the START button in the Rhythm section. This step starts up a rhythm pattern appropriate to the music style you have selected. (To turn the pattern off, press the START button again.)



You can also adjust the tempo of the rhythm to your liking by turning the TEMPO dial, as indicated in the illustration below.



Rhythms are an important part of each registration. Each registration's rhythm has been carefully chosen and programmed to best match the particular music style.

**Note:** Some of the registrations in the Registration Menu and Organ Select section may not have assigned rhythm and automatic accompaniment patterns.

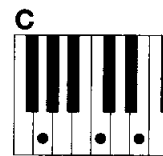
The A.B.C. (Auto Bass Chord) automatic accompaniment feature of the Electone also plays an important role and is used in conjunction with the registrations and rhythm patterns. Like the rhythm patterns, A.B.C. patterns have been programmed to best match the selected registration. They allow you to add sophisticated bass and chord accompaniment patterns that suit the music, simply by playing chords on the Lower keyboard.

**To use the A.B.C. automatic accompaniment feature:**

**5. Press a chord on the Lower keyboard. (Try the chord shown in the illustration on the right.)**

This function provides automatic accompaniment specially tailored for the music style in which you play. Notice that even after you release your fingers from the keyboard, the chord and accompaniment patterns continue to sound. For more details on automatic accompaniment, see page 37.

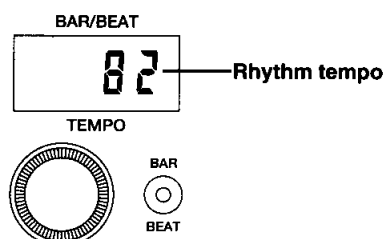
Example:



Play a C chord on the keyboard

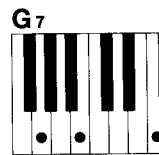
**6. Now return to the first five written music examples in the Basic Registrations section above. (See page 7.) Select the registration indicated at the top right of the score (for example, "Pops Orch 1" in the first song). Refer back to the steps on selecting registrations above (page 8) if necessary.**

**7. Adjust the tempo of the rhythm for each song by turning the Tempo dial until the tempo number indicated in the display matches that shown at the top right of each score.**



**8.** Play the melody line as you did before with your right hand on the Upper keyboard. This time, however, use the A.B.C. automatic accompaniment by pressing the chords with your left hand. The keys you should press are indicated by the small diagrams just below the melody in the score.

Example:



**9.** Now that you've heard what A.B.C. can do, try selecting other registrations from the Registration Menu. Use the A.B.C. function with these newly selected registrations as well, to get a better idea of the wide stylistic range of your Electone.

See how easy it is? And remember, you don't have to hold the key down to use the automatic accompaniment. Just press the key once and the automatic accompaniment will continue until you press the next key.

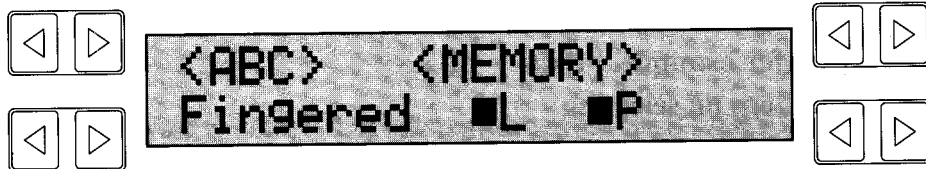
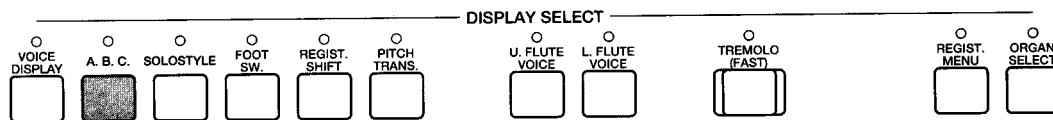
**Note:** If you have unintentionally changed the display by pressing a button on the panel, return to step #1 above (pressing the REGIST. MENU or ORGAN SELECT buttons) to return to the Registration Menu.

## Canceling the A.B.C. Automatic Accompaniment Function

You can, of course, cancel the automatic accompaniment patterns (Fingered mode) if you want and play the accompaniment by yourself on the Lower keyboard and Pedalboard.

To cancel the A.B.C. Automatic Accompaniment:

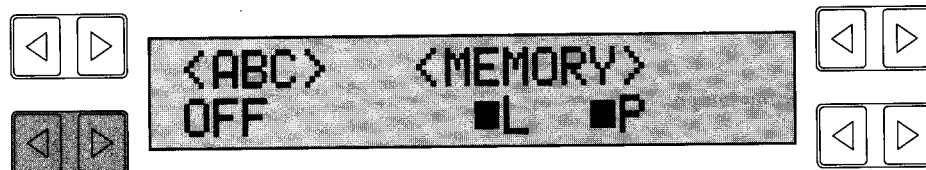
**1.** Press the A.B.C. button in the DISPLAY SELECT section, to the right of the LCD Display.



This display shows the current A.B.C. mode and Memory settings.

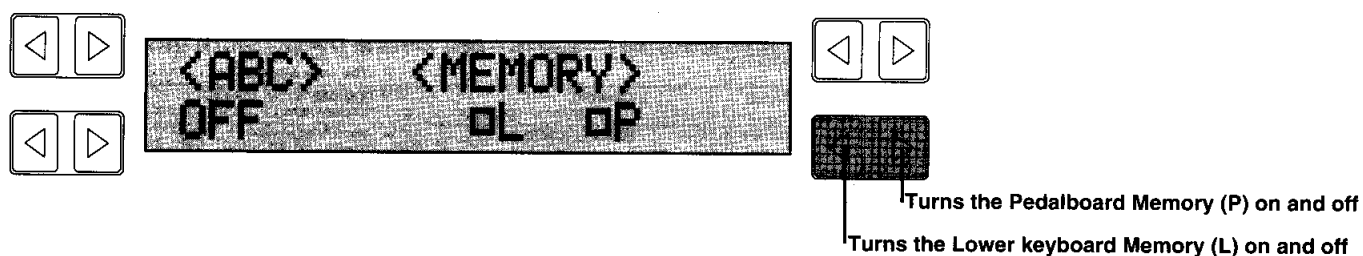
**Note:** There are two ways to call up LCD displays: One is by pressing the panel's voice/rhythm buttons or the sustain controls; the other is by pressing the DISPLAY SELECT buttons.

**2.** Press one of the bottom left Data Control buttons repeatedly until "OFF" appears below ABC in the LCD.



These buttons correspond to the bottom left of the LCD and let you step through the various A.B.C. modes.

### 3. Turn the Memory function off as well by using the bottom right Data Control buttons.



A solid or dark box in the LCD indicates that the function is on; an empty or outlined box indicates that the function is off. Make sure the boxes next to L (Lower) and P (Pedal) are both off, as shown in the example LCD above.

**Note:** As in the operation described above, the Data Control buttons are also used simply to turn functions on and off.

This short introductory section has shown you just a small portion of the vast potential of your Electone. Now that you know how to select among the Basic Registrations and use the A.B.C. Automatic Accompaniment, take some time to explore the other registrations and their rhythm patterns. There's a great wealth of realistic voices, authentic orchestration and stylistically varied rhythms — all instantly available from the Registration Menus and Organ Select features.

**Note:** Before going on to explore the remaining sections of this manual, we suggest that you turn the A.B.C. automatic accompaniment and memory functions off. Otherwise, single notes played on the Lower keyboard will sound as full chords, and the Pedal voices will not sound when playing the Pedalboard. To do this, return to the section "Canceling the A.B.C. Automatic Accompaniment Function" above and select the OFF setting in A.B.C. and press the buttons that correspond to LOWER and PEDAL in the display to turn memory off.

## Registration Menu/Organ Select List

### Regist. Menu

#### Classic

| STYLE                 | LCD DISPLAY | RHYTHM  | TEMPO   | SoloStyle/MOC | FEATURED VOICE(S)     | SONG EXAMPLES   |
|-----------------------|-------------|---------|---------|---------------|-----------------------|---|
| 1 String Ensemble     | Strgs Ens.  |         |         |               | Strings               | Serenade, C major, str. orch., op 48 (Tchaikovsky)<br>Symphony No.40 (Mozart) |
| 2 Pizzicato Ensemble  | Pizz. Ens.  |         |         |               | Pizzicato Strings     | Pizzicato Polka (J. Strauss)  |
| 3 Orchestra 1         | Orchestra 1 |         |         |               | Strings & Brass       | The mastersingers of nuremberg (Wagner)<br>Symphony No. 1 (Brahms)            |
| 4 Orchestra 2         | Orchestra 2 |         |         |               | Wood winds & Strings  | The marriage of Figaro (Mozart)   |
| 5 Flute & Harp        | Flute/Harp  |         |         |               | Flute & Harp          | Scillienne (Fauré)<br>Menuet, L'Arlésienne (Bizet)                            |
| 6 Wood Winds Ensemble | Wood Winds  |         |         |               | Oboe, Flute & Bassoon | Happy birthday to you<br>Four Swans, The Swan Lake                            |
| 7 Piano & Strings     | Piano/Strg  |         |         |               | Piano & Strings       | Piano Concerto (Mozart)<br>Piano Concerto (Tchaikovsky)                       |
| 8 Choir Ensemble      | Choir Ens.  |         |         |               | Chorus                | Swanee River (Foster)<br>Sacred songs   |
| 9 Vienna Waltz        | Wien. Waltz | Waltz 2 | ♩ = 190 | MOC TYPE 1    | Flute & Strings       | Story of the Vienna forest (J. Strauss)<br>Spring feeling (J. Strauss)        |
| 10 March 1            | March 1     | March 1 | ♩ = 123 | MOC TYPE 1    | Brass & Trumpet       | The Star & Stripes forever<br>Under the double eagle march (Wagner)           |
| 11 March 2            | March 2     | March 2 | ♩ = 128 | SoloStyle     | Horn                  | The Washington post<br>El capitán   |

## Jazz/Contemporary

| STYLE          | LCD DISPLAY | RHYTHM      | TEMPO   | SoloStyle/MOC | FEATURED VOICE(S) | SONG EXAMPLES                       |
|----------------|-------------|-------------|---------|---------------|-------------------|-------------------------------------|
| 12 Big Band 1  | Big Band 1  | Swing 1     | ♩ = 182 | SoloStyle     | Brass             | Take the A train<br>Just friends    |
| 13 Big Band 2  | Big Band 2  | Bounce 2    | ♩ = 95  | MOC TYPE 1    | Clarinet & Sax    | Moonlight serenade                  |
| 14 Jazz Waltz  | Jazz Waltz  | Jazz Waltz  | ♩ = 168 | SoloStyle     | Flute             | Bluesette                           |
| 15 Jazz Ballad | Ballad      | Jazz Ballad | ♩ = 60  |               | Saxophone         | Misty<br>What's new                 |
| 16 Dixieland   | Dixie       | Dixie       | ♩ = 112 | SoloStyle     | Clarinet & Piano  | 12th street rag<br>The easy winners |
| 17 Euro. Beat  | Euro. Beat  | Dance Pop   | ♩ = 120 |               | Cosmic            | Toy boy<br>Locomotion               |
| 18 Crossover 1 | Crossover 1 | 16 Beat 1   | ♩ = 85  |               | Electric Piano    | We are all alone<br>Tomorrow        |
| 19 Crossover 2 | Crossover 2 | Samba 3     | ♩ = 112 |               | Jazz Guitar       | Copacabana<br>Captain caribe        |

## Latin

| STYLE                    | LCD DISPLAY | RHYTHM      | TEMPO   | SoloStyle/MOC | FEATURED VOICE(S) | SONG EXAMPLES                           |
|--------------------------|-------------|-------------|---------|---------------|-------------------|---|
| 20 Samba 1               | Samba 1     | Samba 2     | ♩ = 110 |               | Marimba & Flute   | Samba de Orfeu<br>Copacabana            |
| 21 Samba 2               | Samba 2     | Samba 1     | ♩ = 110 |               | Piano             | Brasil<br>Tico tico                     |
| 22 Bossanova             | Bossanova   | Bossanova 1 | ♩ = 126 | SoloStyle     | Flute             | The girl from Ipanema<br>Desafinado     |
| 23 Bossanova 66          | Bossa 66    | Bossanova 3 | ♩ = 164 |               | Piano             | Mas que nada<br>Joker                   |
| 24 Mambo                 | Mambo       | Mambo       | ♩ = 98  | SoloStyle     | Trumpet           | Mambo No. 5<br>Mambo jumbo              |
| 25 Chacha                | Cha-cha     | Chacha      | ♩ = 132 | SoloStyle     | Flute & Piano     | Tea for two                             |
| 26 Rhumba                | Rumba       | Rhumba      | ♩ = 122 | SoloStyle     | Marimba           | Bésame mucho<br>Miami beach rhumba      |
| 27 Beguine               | Beguine     | Beguine     | ♩ = 118 | SoloStyle     | Piano             | Begin the beguine<br>Andalucia          |
| 28 Tango 1 (Argentine)   | Tango 1     | Tango 1     | ♩ = 120 | MOC TYPE 1    | Accordion         | Kiss of fire<br>Caminito                |
| 29 Tango 2 (Continental) | Tango 2     | Tango 2     | ♩ = 120 |               | Strings           | The song of pearl fisher<br>Blue tango  |
| 30 Bolero                | Bolero      | Bolero      | ♩ = 132 | SoloStyle     | Trumpet           | Granada<br>Malagueña                    |
| 31 Caribbean             | Carib       | Reggae 2    | ♩ = 132 |               | Whistle           | Don't worry, be happy<br>Master blaster |

## Pops/Folk

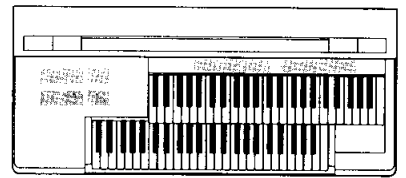
| STYLE               | LCD DISPLAY | RHYTHM      | TEMPO   | SoloStyle/MOC | FEATURED VOICE(S)   | SONG EXAMPLES   |
|---------------------|-------------|-------------|---------|---------------|---------------------|---|
| 32 Pops Orchestra 1 | Pops Orch 1 | 8 Beat 1    | ♩ = 82  | MOC TYPE 1    | Oboe & Strings      | Sun flower<br>The way we were                           |
| 33 Pops Orchestra 2 | Pops Orch 2 | Slow Rock 1 | ♩ = 80  | SoloStyle     | Flute               | The end of the world<br>Can't help falling in love      |
| 34 Rock'n'Roll      | Rock & Roll | 8 Beat 3    | ♩ = 160 |               | Saxophone & Trumpet | Diana<br>Rock and roll music                            |
| 35 60's Pop         | 60's Pop    | Slow Rock 2 | ♩ = 74  |               | Elec. Guitar        | Where the boys are<br>Blue Hawaii                       |
| 36 Musical          | Musical     | Broadway    | ♩ = 132 |               | Marimba & Tutti     | There's no business like show business                  |
| 37 Popular Standard | Standard    | Waltz 1     | ♩ = 106 | MOC TYPE 1    | Violin & Strings    | Fascination<br>La-la-lu                                 |
| 38 Bounce           | Bounce      | Bounce 1    | ♩ = 136 |               | Whistle             | Les champs-elysées<br>Get out and get under the moon    |
| 39 Country          | Country     | Country     | ♩ = 120 | SoloStyle     | Harmonica & Piano   | Oh, bury me not on the lone prairie<br>The five pennies |
| 40 Folklore         | Folklore    | Tango 3     | ♩ = 97  |               | Pan Flute           | El condor pasa  |
| 41 Hawaiian         | Hawaiian    | Jazz Ballad | ♩ = 84  |               | Hawaiian Guitar     | Blue Hawaii<br>Hawaiian Wedding Song                    |

## Organ Select

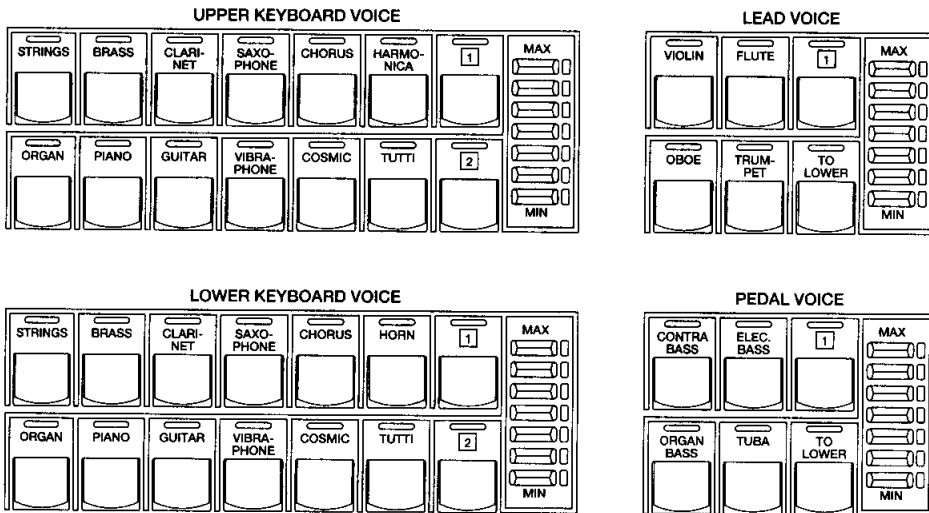
| STYLE             | LCD DISPLAY | RHYTHM      | TEMPO   | SoloStyle/MOC | FEATURED VOICE(S) | SONG EXAMPLES  |
|-------------------|-------------|-------------|---------|---------------|-------------------|--|
| 1 Classic Organ 1 | Classic 1   |             |         |               |                   | Wedding march (Mendelssohn)<br>Gothic suite op.25-1      |
| 2 Classic Organ 2 | Classic 2   |             |         |               |                   | Toccata in D minor BWV565<br>Wedding march (Wagner)      |
| 3 Classic Organ 3 | Classic 3   |             |         |               |                   | Silent night<br>Vater unser Himmelreich                  |
| 4 Classic Organ 4 | Classic 4   |             |         |               |                   | Fugue in Gm<br>Jesus bleibet meine Freude                |
| 5 Classic Organ 5 | Classic 5   |             |         |               |                   | Sheep may safely graze<br>Choral No.1 in E               |
| 6 Theatre Organ 1 | Theatre 1   | Swing 1     | ♩ = 100 |               |                   | My romance<br>Love is a many-splendored thing            |
| 7 Theatre Organ 2 | Theatre 2   | Broadway    | ♩ = 130 |               |                   | Start of somethin' big<br>I could have a dance all night |
| 8 Theatre Organ 3 | Theatre 3   | Swing 1     | ♩ = 80  |               |                   | As long as he needs me<br>Alley cat                      |
| 9 Theatre Organ 4 | Theatre 4   | Bounce 2    | ♩ = 125 |               |                   | Starlight serenade<br>Try to remember                    |
| 10 Jazz Organ 1   | Jazz 1      | Swing 1     | ♩ = 150 |               |                   | Satin doll<br>Softly, as in a morning sunrise            |
| 11 Jazz Organ 2   | Jazz 2      | Samba 2     | ♩ = 105 |               |                   | A night in Tunisia<br>The cat                            |
| 12 Jazz Organ 3   | Jazz 3      | Swing 1     | ♩ = 80  |               |                   | What's new<br>Here's that rainy day                      |
| 13 Jazz Organ 4   | Jazz 4      | Bossanova 2 | ♩ = 180 |               |                   | Summer samba<br>Days of wine and roses                   |
| 14 Pop Organ 1    | Pop 1       | Jazz Ballad | ♩ = 68  |               |                   | Ebb tide<br>I left my heart in San Francisco             |
| 15 Pop Organ 2    | Pop 2       | 8 Beat 3    | ♩ = 80  |               |                   | A whiter shade of pale<br>Yesterday                      |



# 1 Voice Sections



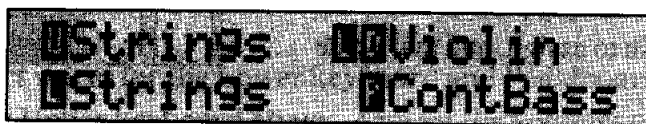
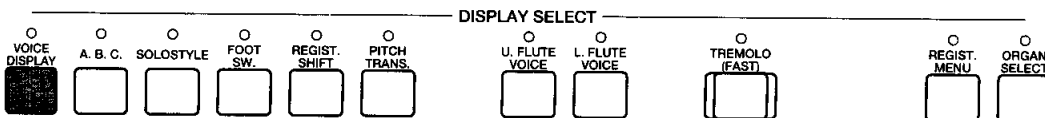
The following illustration shows the various available voice sections.



The Electone has four voice sections: Upper Keyboard Voice, Lead Voice, Lower Keyboard Voice, and Pedal Voice. All voices are playable from the Upper or Lower keyboards or Pedalboard, allowing you to create richly textured voice layers on a single keyboard.

## Voice Display

You can see at-a-glance which voices are currently selected for each of the voice sections by calling up the Voice Display. To do this, press the VOICE DISPLAY button in the DISPLAY SELECT section.

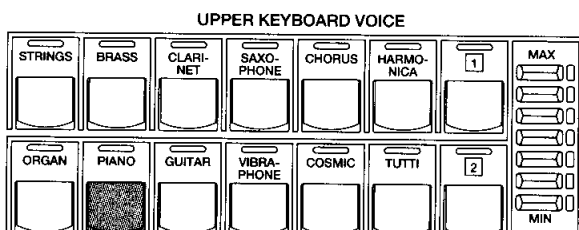


## Selecting Voices from the Panel

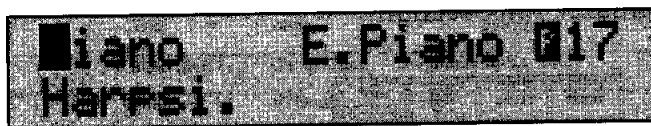
Since selection of panel voices follows the same procedure throughout the various voice sections, instructions for only the Upper Keyboard Voice section are given here.

1. Select a voice from the Upper Keyboard Voice section by pressing one of the Voice buttons in that section.

**Note:** Voices of the Upper and Lower Flute Voice sections are selected by a different procedure. Refer to the Flute Voices section below for details.



If, for example, you have selected the PIANO voice, the following display will appear:



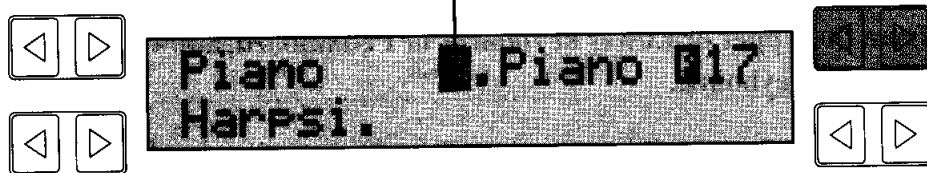
**Note:** Some voice buttons have only one voice.

Notice that several different voice names are shown on this display. These are variations of the basic Piano voice category.

To select one of these voice variations:

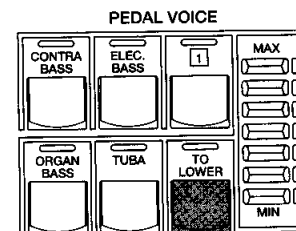
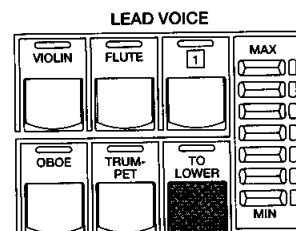
2. Press one of the Data Control buttons that corresponds to the voice you wish to select.

The first character flashes to indicate the selected voice.



### PLAYING LEAD AND PEDAL VOICES FROM THE LOWER KEYBOARD:

The Electone has a special "To Lower" function that lets you assign Lead or Pedal voices to the Lower keyboard. Simply press the TO LOWER button on the voice section you wish to assign, and that voice will be playable from the Lower keyboard.



### 3. Set the volume for each voice section. There are two volume controls: Coarse and Fine.

1. Press one of the dotted buttons in any of the voice sections.

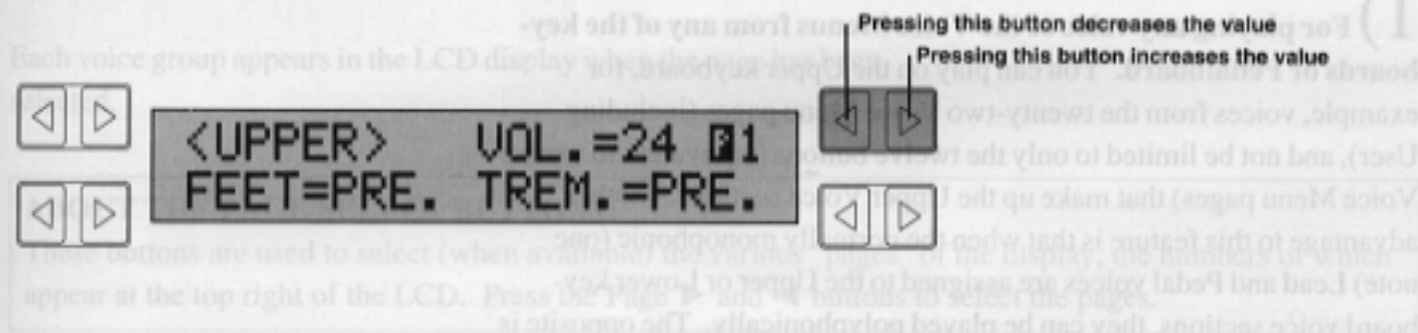
#### Coarse:

Use the VOLUME controls of each voice section on the panel to set the desired level for each voice. The controls have seven volume settings, from a minimum of 0, or no sound, to a maximum of full volume.



#### Fine:

Pressing the same panel voice button again calls up the Voice Condition display.



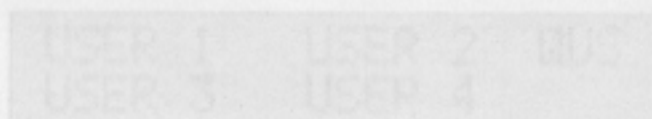
Use the Data Control buttons that correspond to the Volume setting to change the level of the desired voice. The relative level is indicated by a numeric value (from 0 - 24).

**Note:** Pressing a voice button once calls up that voice's Voice Menu display. Pressing it a second time calls up the Voice Condition display (as shown at left). Successive presses alternate between the two displays.

### 4. Now select voices for the Lower keyboard and Pedalboard as you did for the Upper keyboard above. Also set the volumes of the voices.

Follow steps #1 - #3 above, now using the controls of the Lower Keyboard and Pedal Voices.

**Note:** The Lead Voice and Pedal Voice sounds one note at a time; when you simultaneously press two or more keys, only the highest note will sound.



# *Selecting Additional Voices — Dotted Buttons and User Voices*

---

The EL-25 Electone has a variety of voices from which you can choose — far greater than what is immediately apparent from the front panel controls. You've already learned in the section above how to select the different voices that are available in the Voice Menu display of each panel voice. The Electone also has dotted buttons in each voice section, giving you convenient access to any voice.

## Selecting Voices From the Dotted Buttons

Each voice section has one or two dotted buttons, found on the right side of each voice section. These dotted buttons function as "wild card" Voice Menu selectors; any internal voices can be selected from these buttons.

**The dotted buttons have the following basic uses:**

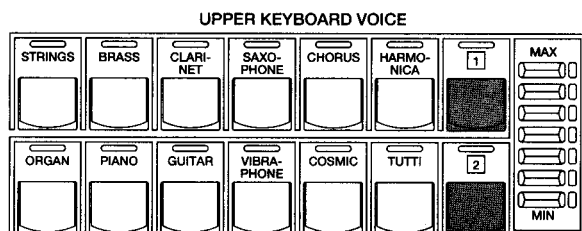
**1) For playing any voice of the Voice Menus from any of the keyboards or Pedalboard.** You can play on the Upper keyboard, for example, voices from the twenty-two Voice Menu pages (including User), and not be limited to only the twelve buttons (equivalent to twelve Voice Menu pages) that make up the Upper Voice section. Another advantage to this feature is that when the normally monophonic (one note) Lead and Pedal voices are assigned to the Upper or Lower keyboard voice sections, they can be played polyphonically. The opposite is also the case: Upper or Lower voices assigned to the Lead or Pedal sections will be monophonic.

**2) For having three different voices from the same Voice Menu page available for selection in the same song.** For example, you can assign one of the voices to a dotted button in the Upper Keyboard Voice section, the second voice to the other dotted button in the same section, and the third one on the Voice Menu.

**3) For storing voices from a Voice Disk (when equipped with an optional Yamaha Music Disk Recorder, exclusive for use with the EL-25).**

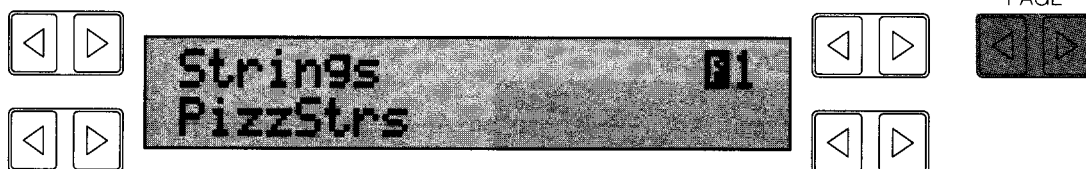
To select a voice from a dotted button:

## 1. Press one of the dotted buttons in any of the voice sections.



**Note:** You can directly view and select Voice Menu pages by holding down one of the dotted buttons and simultaneously pressing the desired voice buttons in succession.

## 2. Select one of the pages with the Page Select buttons.

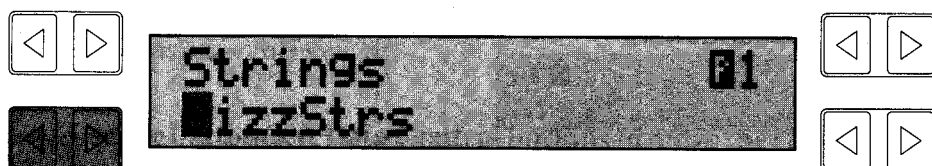


Each voice group appears in the LCD display when the page has been selected.

### ABOUT THE PAGE SELECT BUTTONS:

These buttons are used to select (when available) the various "pages" of the display, the numbers of which appear at the top right of the LCD. Press the Page ► and ◀ buttons to select the pages.

## 3. Select a voice from the display (PizzStrs, for example).



Select the USER page when you wish to use a voice from a Voice Disk (when equipped with an optional Yamaha Music Disk Recorder, exclusive for use with the EL-25).

**Note:** The first character of the selected voice's name flashes to indicate that the voice has been selected. As long as you do not select a voice, this indication will not appear.



## Voice Menus

The following chart lists the voices available and their button/page assignment. The numbers shown in the list correspond to the page numbers shown in the display.

### STRINGS (Upper/Lower)

|          |   |
|----------|---|
| Strings  | 1 |
| PizzStrs |   |

### TUTTI (Upper/Lower)

|       |    |
|-------|----|
| Tutti | 12 |
|-------|----|

### VIOLIN (Lead)

|        |   |
|--------|---|
| Violin | 2 |
|--------|---|

### CHORUS (Upper/Lower)

|        |    |
|--------|----|
| Chorus | 13 |
|--------|----|

### CONTRA BASS (Pedal)

|          |          |   |
|----------|----------|---|
| ContBass | PizzBass | 3 |
|----------|----------|---|

### HARMONICA (Upper)

|          |    |
|----------|----|
| Harmonic | 14 |
|----------|----|

### BRASS (Upper/Lower)

|       |          |   |
|-------|----------|---|
| Brass | SynBrass | 4 |
|-------|----------|---|

### ORGAN (Upper/Lower)

|       |          |    |
|-------|----------|----|
| Organ | JazzOrgn | 15 |
|-------|----------|----|

### HORN (Lower)

|      |   |
|------|---|
| Horn | 5 |
|------|---|

### ORGAN BASS (Pedal)

|         |    |
|---------|----|
| OrgBass | 16 |
|---------|----|

### TRUMPET (Lead)

|          |   |
|----------|---|
| Trumpet  | 6 |
| Trombone |   |

### PIANO (Upper/Lower)

|         |          |    |
|---------|----------|----|
| Piano   | E. Piano | 17 |
| Harpsi. |          |    |

### TUBA (Pedal)

|      |   |
|------|---|
| Tuba | 7 |
|------|---|

### GUITAR (Upper/Lower)

|           |    |
|-----------|----|
| Guitar    | 18 |
| E. Guitar |    |

### FLUTE (Lead)

|         |   |
|---------|---|
| Flute   | 8 |
| Whistle |   |

### VIBRAPHONE (Upper/Lower)

|          |         |    |
|----------|---------|----|
| Vibrphon | Glocken | 19 |
| Marimba  |         |    |

### OBOE (Lead)

|      |         |   |
|------|---------|---|
| Oboe | Bassoon | 9 |
|------|---------|---|

### ELECTRIC BASS (Pedal)

|         |    |
|---------|----|
| E. Bass | 20 |
| SynBass |    |

### CLARINET (Upper/Lower)

|          |    |
|----------|----|
| Clarinet | 10 |
|----------|----|

### COSMIC (Upper/Lower)

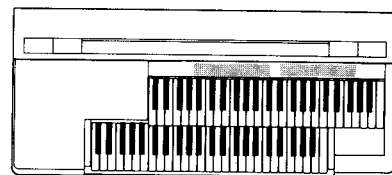
|         |         |    |
|---------|---------|----|
| Cosmic1 | Cosmic2 | 21 |
| Cosmic3 |         |    |

### SAXOPHONE (Upper/Lower)

|          |    |
|----------|----|
| Saxophon | 11 |
|----------|----|

|        |        |    |
|--------|--------|----|
| USER 1 | USER 2 | US |
| USER 3 | USER 4 |    |

# 2 Flute Voices



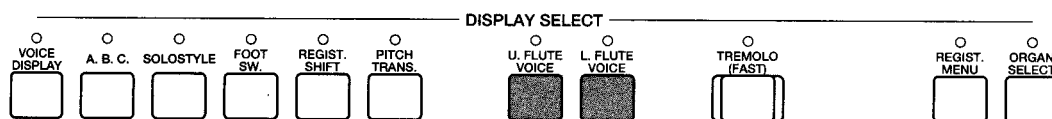
The Flute Voice feature allows you to create your own organ voices, giving you access to an unlimited combination of organ sounds. With this function, you can recreate all of the classic organ sounds by adjusting the flute footage levels and the percussive sound, just like on conventional organs.

There are eight flute footage settings, with three additional footage settings for the attack sound. You can select specially programmed Preset Flute Voices, or create your own by adjusting the footage settings.

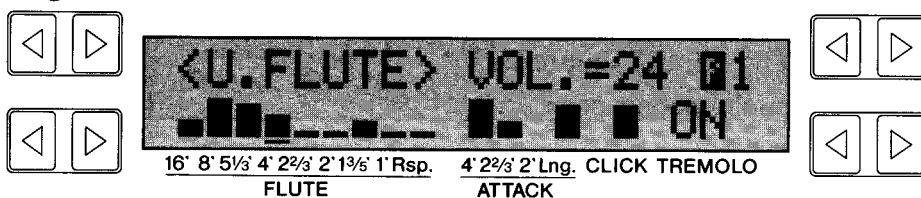
There are two Flute Voice pages.

To use the Flute Voice function and select Page 1 (Edit page):

1. Press one of the Flute Voice buttons (UPPER or LOWER) in the DISPLAY SELECT section. The LED above the button lights.

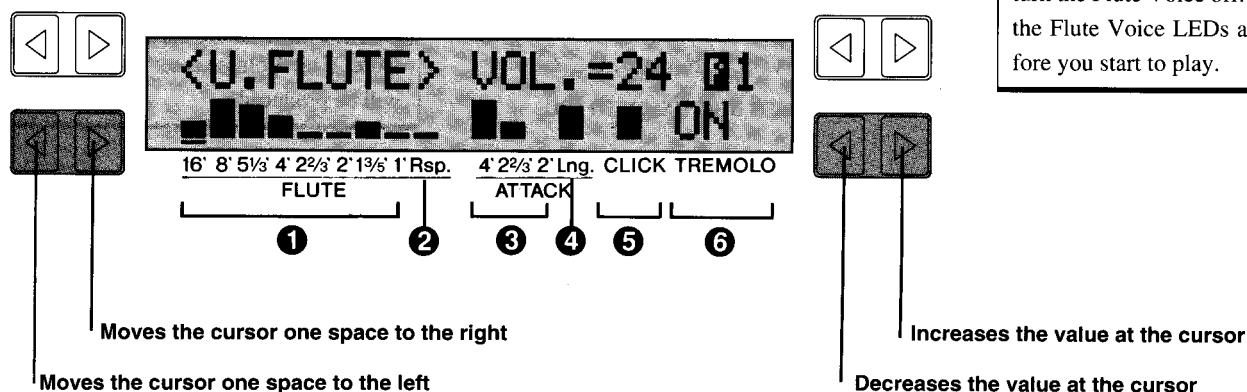


## Page 1



Pressing the button again turns the Flute Voice function off (the LED also turns off), and changes the LCD to the Voice Display. Each of the buttons acts as an on/off switch.

2. Use the bottom left Data Control buttons to move the cursor to the setting you wish to change, then use the bottom right Data Control buttons to change the value.



**Note:** When you use the Upper/Lower Flute Voice sections and/or other voices at the same time, only one of the voices can be shown in the LCD at one time -- even though all voices may be operative and both of the Upper and Lower Flute Voice LEDs are lit.

**Note:** Remember that the UPPER and LOWER FLUTE VOICE buttons are on/off switches. In the process of turning on a Flute Voice, then switching to another function and returning to the Flute Voice, you may unintentionally turn the Flute Voice off. Check whether the Flute Voice LEDs are on or off before you start to play.

### 1 Footages

Determines the level of each flute footage. The level of each footage is indicated by a dark bar in the LCD. Whole number footages are in octaves; for example, 16' has the lowest pitch, 8' is one octave above 16', 4' is one octave above 8', and so on. The fractional footages (5-1/3', 2-2/3', etc.) are intermediate pitches.

### 2 Response

Determines the overall response speed of the sound. Higher settings make the keyboard response slower, creating a pipe organ effect.

### 3 Attack Footages

Determines the level of each sound in the percussive portion of the voice. Footage settings are 4', 2-2/3' and 2'.

### 4 Attack Length

Determines the duration of the attack sound.

### 5 Click

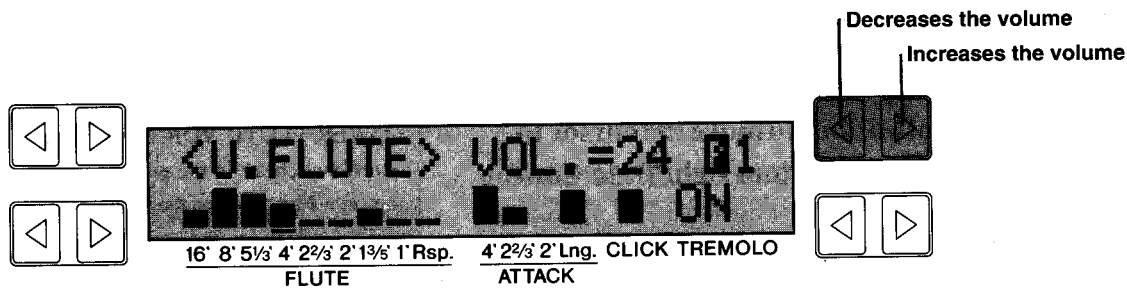
Determines the volume of the key click sound. Click is independent of the Attack Footage sounds described above.

### 6 Tremolo

Turns the Tremolo effect for the Flute Voice on or off. This is the primary on/off switch for the Flute Voice's Tremolo/Chorus effect. After this has been set to ON, you can turn the effect on and off during your performance by using the TREMOLO (FAST) button in the DISPLAY SELECT section. (See the Tremolo section, page 27, for more information.)

**Note:** When you play and hold several notes, only the first note played will have attack; all other notes played while the first is held have no attack.

## 3. Adjust the volume by using the top right Data Control buttons.



### Volume

Determines the overall volume of the Flute Voice voice Range: 0 - 24  
Try adjusting these settings as you play the keyboard and listen to the changes in the sound.

**Note:** If the Volume is set to 0, no sound will be produced.

### SAVING FLUTE VOICES:

You can save the original organ voices that you create with the Flute Voice feature for future use. After creating a voice, save it by storing it to a Registration Memory button. (Refer to the Registration Memory section, page 43.)

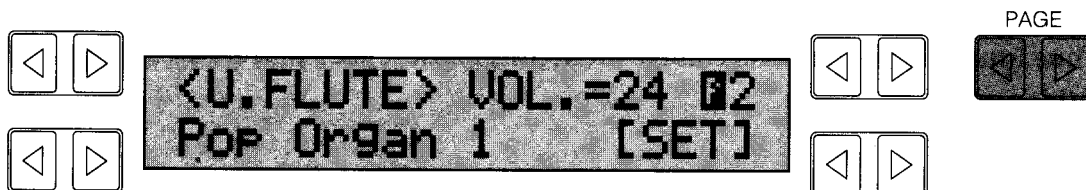


# Selecting Preset Flute Voices

To select preset voices:

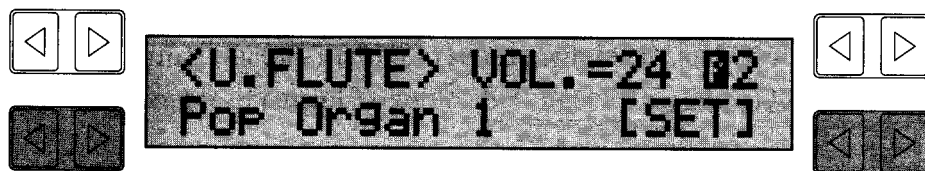
1. From Page 1, press the Page▶ button.

Page 2



This page allows you to select Preset Flute Voice voices. Eight factory-preset voices (four Jazz Organ and four Pop Organ voices) are provided.

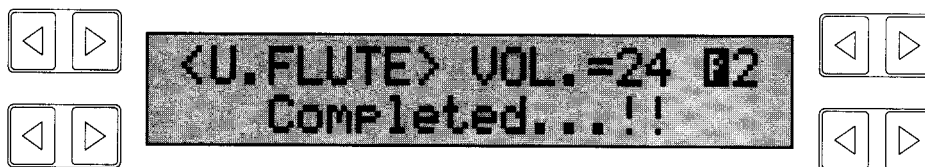
2. Select the desired voice with the bottom left Data Control buttons and use the bottom right Data Control buttons to actually call up the selected voice for playing.



Use these buttons to select the previous or next Preset Flute Voice.

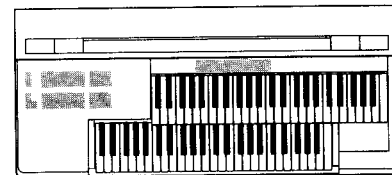
Press either of these buttons to actually call up the selected Preset Flute Voice. These correspond to "SET" in the LCD.

3. Once you select "SET" to actually call up a voice, the following display momentarily appears in the LCD.



**Note:** When you switch between Upper and Lower Flute Voices, the preset Flute Voice name shown in the LCD may not be the one actually selected.

# 3 Voice Controls and Effects



The Electone is equipped with two general kinds of functions that can be used to change the sound of the voices: **Voice Controls** and **Effects**.

These are used to change various aspects of the voices, such as the volume or octave (footage) settings, or enhance the sound of the voices, such as with **Reverb** or **Tremolo**.

Each voice has been given certain factory-preset settings to best enhance its sound. However, with the exception of the **Touch Tone** function, you can also change the settings to suit your preferences by using the controls described in this section.

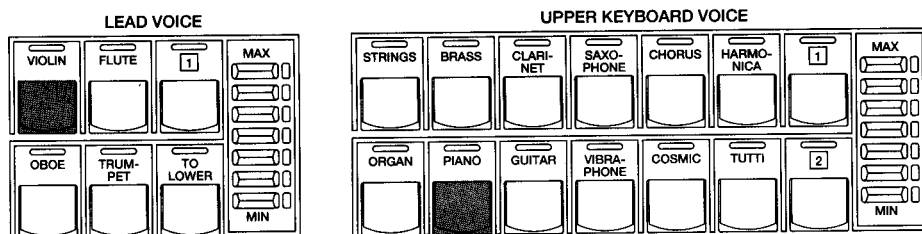
## Voice Condition Pages

To select the Voice Condition pages for changing the settings: Choose a voice on the panel, then press that voice's panel button twice. Use the Page Select buttons to change the pages.

**Note:** The Pedal Condition display has only one page.

For the Lead Voice example shown below, press the **VIOLIN** button in the Lead Voice section twice. To call up the corresponding Upper Voice example, press the **PIANO** button in the Upper Keyboard Voice section twice.

**Note:** There are some differences between the functions in the Lead and Upper/Lower voices. Where appropriate, the different displays are shown.

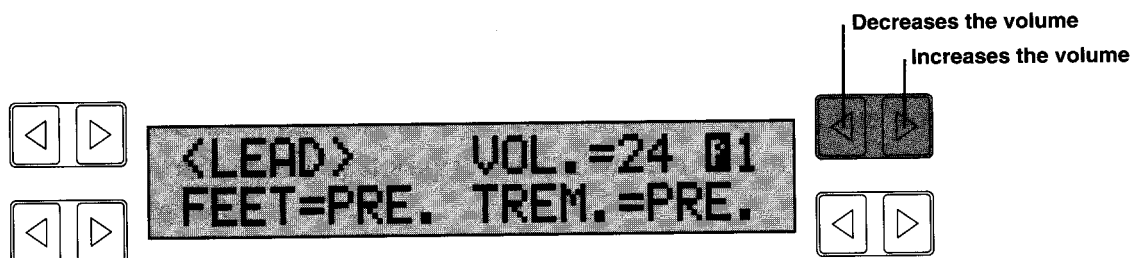


### Voice Condition — Page 1



#### 1 Volume

Fine adjustment of the voice volume. (Coarse volume settings are made with the front panel **VOLUME** controls.) Range: 0 - 24

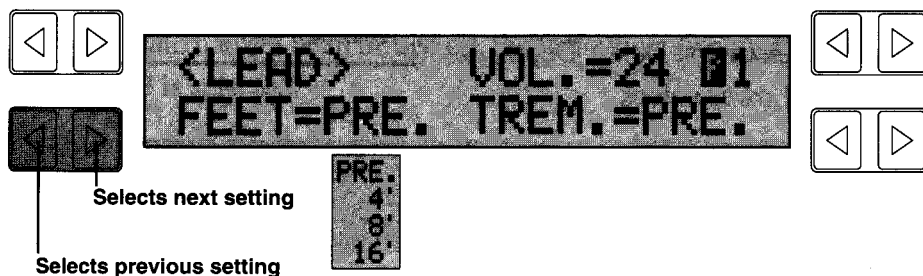


## 2 Feet

Determines the octave setting of the voice. PRE. (Preset) is the original (factory) setting; 4' is the highest and 16' is the lowest.

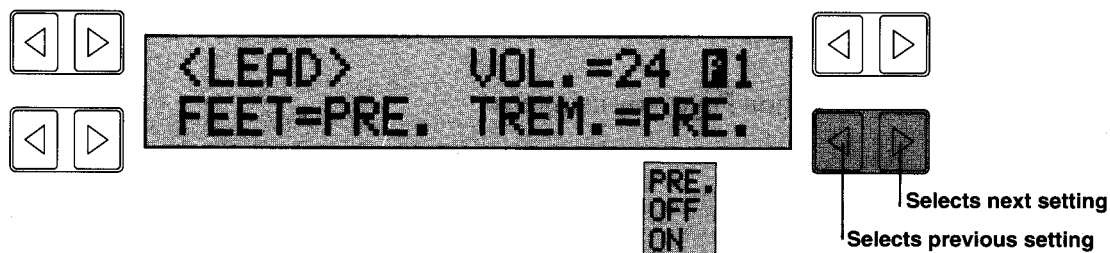
Settings: PRE., 4', 8', 16'

By using different Feet settings in the Lower and Upper keyboards, you can duplicate the wide octave range of many instruments. For example, with both the Lower and Upper keyboards set to the Piano voice and Feet set to appropriate values, you can play the voice nearly over the full range of a grand piano.



## 3 Tremolo

Determines the Tremolo setting of the voice. PRE. (Preset) selects the original (factory) Tremolo setting, while ON and OFF respectively enable or cancel Tremolo. Settings: PRE., OFF, ON.



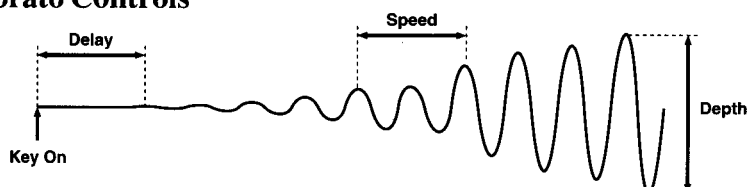
In order to actually apply the Tremolo effect, one more step is necessary. Refer to the section on Tremolo (page 27).

## Vibrato

Vibrato is an effect that periodically, or regularly, varies the pitch of a voice for a quavering sound. Used properly, it can make a voice sound richer and more natural.

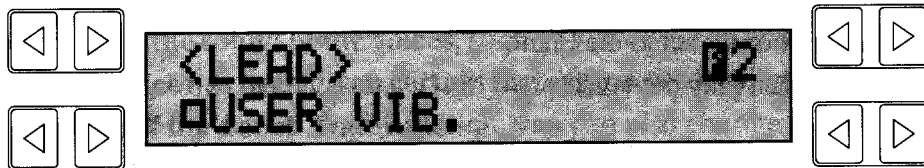
The following diagram graphically shows the vibrato effect and its related controls.

### Vibrato Controls



Call up the Vibrato setting on Voice Condition Page 2 by using the Page Select buttons.

### Voice Condition — Page 2

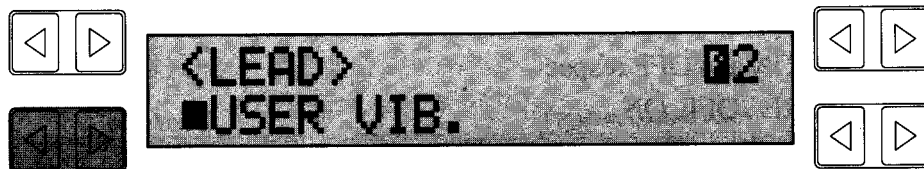


#### User Vibrato (USER VIB.)

When this is turned on, you can adjust the vibrato settings: Delay, Depth and Speed for Lead voices, and Depth for Upper/Lower voices.

**Note:** Vibrato cannot be applied to the Pedalboard voices.

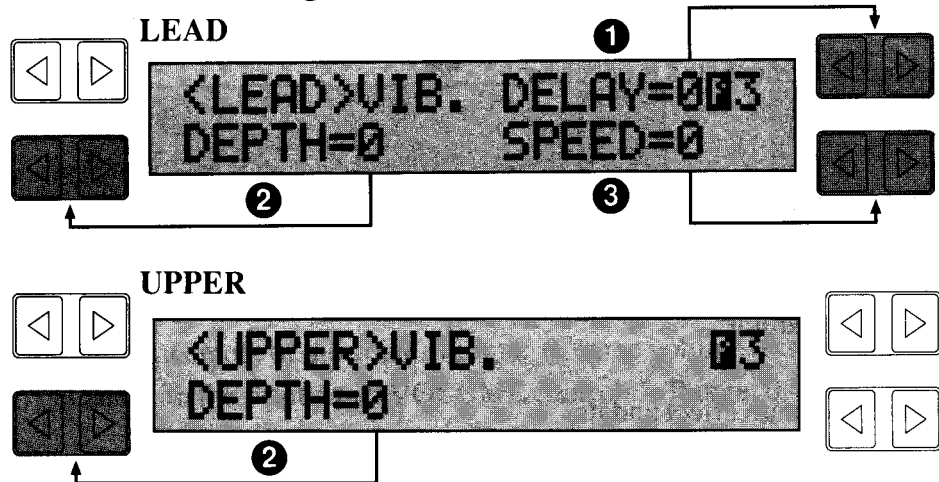
The Delay, Depth and Speed settings are set in the next page, Voice Condition Page 3. The Delay, Depth and Speed settings are not displayed and cannot be adjusted unless USER VIB. has been turned on in this setting.



Press either of these buttons to turn on User Vibrato.

Call up the User Vibrato settings on Voice Condition Page 3 by using the Page Select buttons.

### Voice Condition — Page 3



**① Delay (Lead Voice only)**

Determines the amount of time that elapses between the playing of a key and the start of the vibrato effect (see Vibrato Controls diagram on page 24). Higher settings increase the delay of the vibrato onset. Range: 0 - 7

**② Depth**

Determines the intensity of the vibrato effect (see diagram). Higher settings result in a more pronounced vibrato. Range: 0 - 7

**③ Speed (Lead Voice only)**

Determines the speed of the vibrato effect (see diagram). Range: 0 - 7

If User Vibrato has not been turned on, the following display appears when Page 3 is selected.



## *Touch Tone*

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The Touch Tone function gives you expressive control over the volume and timbre of a voice. Specifically, it provides initial touch response over the voices, controlling volume and timbre according to the velocity at which you strike the keys. The harder you strike the keys, the greater the volume and the brighter the timbre will become.

**Note:** The Touch Tone function is provided as a factory preset for each voice and cannot be adjusted.

## *Reverb*

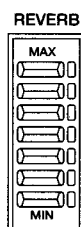
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Reverb adds an echo-like effect to the sound, giving the impression of a performance in a large room or concert hall. The effect is applied equally and simultaneously to all voice sections.

**To adjust the reverb effect:**

Press one of the REVERB buttons, located at the far left of the panel.

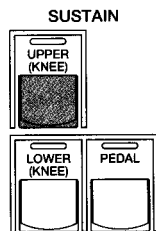
These controls determine the depth of the reverb effect. There are seven settings, from a minimum of 0, or no reverb, to the maximum.



# Sustain

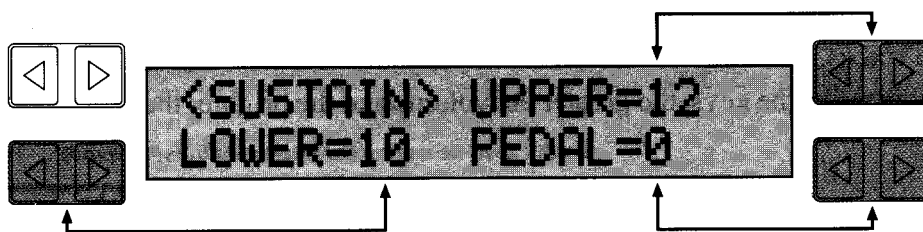
Sustain is selectable for the Upper, Lower and Pedal voices and makes the sound gradually fade out when the keys are released. The sustain on/off and sustain length settings are independent for each keyboard, providing maximum expressive control.

**To add sustain to the voices and call up the Sustain Length page:  
Press the UPPER button in the SUSTAIN section.**



The lamp of the button lights up to indicate that sustain is on. Press the button again to turn sustain off.

## Sustain Length Page



### Upper, Lower, Pedal

Determines the length of sustain applied to each voice section. The display shows the current sustain length values for each voice section. Range: 0 - 12.

**Note:** Sustain cannot be applied to the Lead voices.

**Note:** If knee lever control of the Upper or Lower sustain has been turned on, pressing the Upper or Lower buttons here will not add sustain unless the knee lever is pushed. (See page 47.)

**Note:** The values here must be set high enough for the sustain effect to be noticeable.

**Note:** Remember that the SUSTAIN buttons are on/off switches. If you use them to simply check the sustain length values, you may unintentionally change the on/off status of the effect. Remember to check whether the sustain button lamps are on or off before you start to play.

# Tremolo/Chorus

Tremolo recreates the rich, swirling sound of the popular rotating speaker effect. Just as with a conventional rotating speaker, you can switch the effect on and off as you play. And like a motor-driven speaker, the characteristic tremolo effect gradually changes speed after it is switched. Tremolo can be switched in real time as you play with the TREMOLO (FAST) button on the panel.

### Tremolo Operation

- 1) **For Panel Voices (Voice Menu):** Turn on Tremolo effect in each Voice Condition display
- 2) **For Upper/Lower Flute Voices:** Turn on Tremolo effect in Page 1 of Flute Voice
- 3) Turn on Tremolo as you play with the panel Tremolo button.

**Note:** All voices of the Electone are given a preset Tremolo setting; this can be overridden by using the ON/OFF control in the Voice Condition page. (See page 24.)

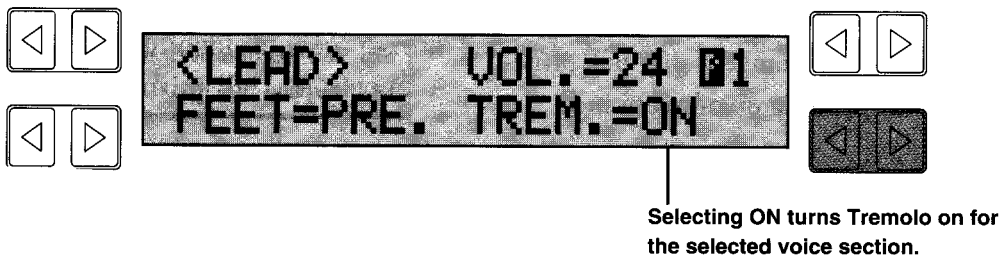
## Turning On The Tremolo Effect

Before you can switch Tremolo on and off in real time, you must first turn the effect on in the various voice sections. This doesn't actually start the effect, but merely puts Tremolo in a "standby" condition. Tremolo can be applied selectively to the voice sections.

**To turn on the Tremolo effect (set to standby):**

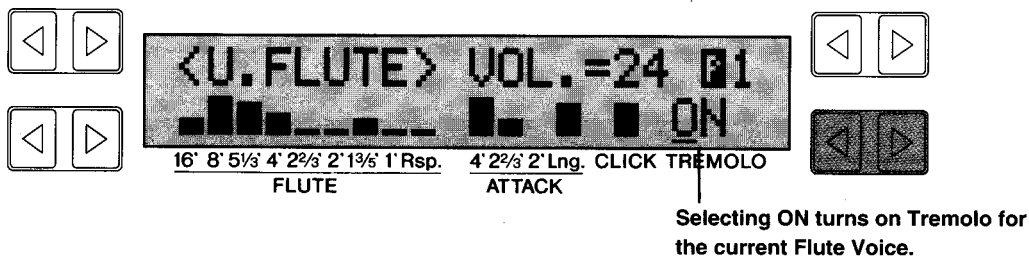
### For Lead, Upper, Lower and Pedal Voices

Press the desired voice button on the panel twice, then select ON by using the bottom right Data Control buttons.



### For Flute Voices

Press the U.FLUTE VOICE button and/or L.FLUTE VOICE button in the DISPLAY SELECT section, then select Page 1.



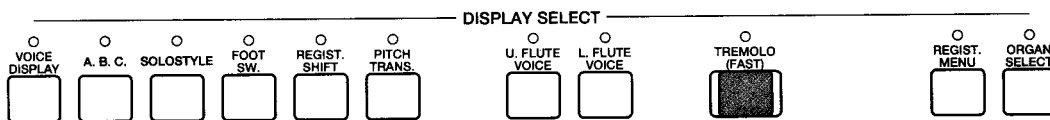
Move the cursor to the Tremolo setting in the LCD with the bottom left Data Control buttons, and use the bottom right Data Control buttons to set Tremolo to the standby condition.

Actual application of the Tremolo effect is described in the next section.

## Real-Time Control of Tremolo Effect

Once the Tremolo effect has been turned on and set, you can control the effect in real time from the TREMOLO (FAST) button on the panel.

Simply press the TREMOLO (FAST) button in the DISPLAY SELECT section to turn the Tremolo effect on and off while you're playing.



This button functions just like the fast/slow switch on an actual rotating speaker cabinet. When Tremolo is on, the rotation effect is fast; when it is off (Chorus), the rotation is slow. The speed change is gradual, effectively reproducing the slowing down and speeding up of a rotating speaker.

**Note:** Turning on Tremolo with the TREMOLO button in the DISPLAY SELECT section does not call up an LCD display.

## *Glide*

Glide is a footswitch-activated effect; pressing the footswitch immediately lowers the pitch of the selected voice or voices by a half-step. (Refer to the footswitch function on page 46.)