YAMAHA Electone

ELX-1

OWNER'S MANUAL

SPECIAL MESSAGE SECTION

PRODUCT SAFETY MARKINGS: Yamaha electronic products may have either labels similar to the graphics shown below or molded/stamped facsimiles of these graphics on the enclosure. The explanation of these graphics appears on this page. Please observe all cautions indicated on this page and those indicated in the safety instruction section.

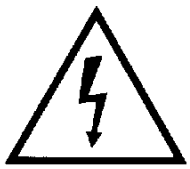
CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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.

IMPORTANT NOTICE: All Yamaha electronic products are tested and approved by an independent safety testing laboratory in order that you may be sure that when it is properly installed and used in its normal and customary manner, all foreseeable risks have been eliminated. DO NOT modify this unit or commission others to do so unless specifically authorized by Yamaha. Product performance and/or safety standards may be diminished. Claims filed under the expressed warranty may be denied if the unit is/has been modified. Implied warranties may also be affected.

SPECIFICATIONS SUBJECT TO CHANGE: The information contained in this manual is believed to be correct at the time of printing. However, Yamaha reserves the right to change or modify any of the specifications without notice or obligation to update existing units.

ENVIRONMENTAL ISSUES: Yamaha strives to produce products that are both user safe and environmentally friendly. We sincerely believe that our products and the production methods used to produce them, meet these goals. In keeping with both the letter and the spirit of the law, we want you to be aware of the following:

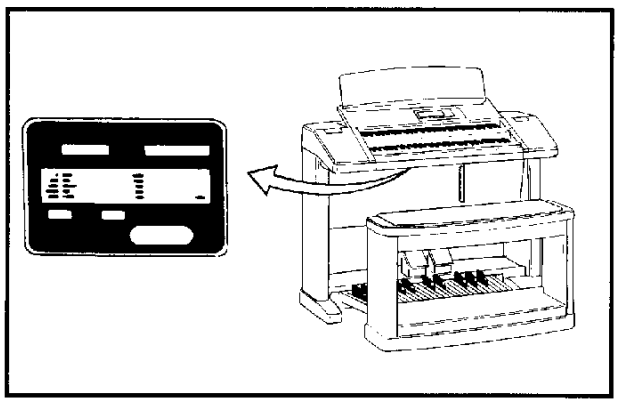
Battery Notice: This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement.

Warning: Do not attempt to recharge, disassemble, or incinerate this type of battery. Keep all batteries away from children. Dispose of used batteries promptly and as regulated by applicable laws. Note: In some areas, the servicer is required by law to return the defective parts. However, you do have the option of having the servicer dispose of these parts for you.

Disposal Notice: Should this product become damaged beyond repair, or for some reason its useful life is considered to be at an end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastics, etc.

NOTICE: Service charges incurred due to lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer's warranty, and are therefore the owners responsibility. Please study this manual carefully and consult your dealer before requesting service.

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 _____

FCC INFORMATION (U.S.A.)

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.

CANADA

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.
This applies only to products distributed by Yamaha Canada Music Ltd

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.
Ceci ne s'applique qu'aux produits distribués par Yamaha Canada Music Ltd.

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.

Wichtiger Hinweis für die Benutzung in der Bundesrepublik Deutschland.

Bescheinigung des Importeurs

Hiermit wird bescheinigt daß die Elektronische Orgel Typ: ELX-1 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 Funkschutzzeichen ist beim VDE beantragt.
Yamaha Europa GmbH: (Name des Importeurs)

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

Dette apparat overholder det gaeldende 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 frequencia fijados por el Consejo 87/308/CEE.

YAMAHA CORPORATION

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.

IMPORTANT SAFETY INSTRUCTIONS

INFORMATION RELATING TO PERSONAL INJURY, ELECTRICAL SHOCK, AND FIRE HAZARD POSSIBILITIES HAS BEEN INCLUDED IN THIS LIST.

WARNING— When using any electrical or electronic product, basic precautions should always be followed. These precautions include, but are not limited to, the following:

1. Read all Safety Instructions, Installation Instructions, Special Message Section items, and any Assembly Instructions found in this manual BEFORE making any connections, including connection to the main supply.

2. Main Power Supply Verification: Yamaha products are manufactured specifically for the supply voltage in the area where they are to be sold. If you should move, or if any doubt exists about the supply voltage in your area, please contact your dealer for supply voltage verification and (if applicable) instructions. The required supply voltage is printed on the name plate. For name plate location, please refer to the graphic found in the Special Message Section of this manual.

3. This product may be equipped with a polarized plug (one blade wider than the other). If you are unable to insert the plug into the outlet, turn the plug over and try again. If the problem persists, contact an electrician to have the obsolete outlet replaced. Do NOT defeat the safety purpose of the plug.

4. Some electronic products utilize external power supplies or adapters. DO NOT connect this type of product to any power supply or adapter other than one described in the owners manual, on the name plate, or specifically recommended by Yamaha.

5. WARNING: Do not place this product or any other objects on the power cord or place it in a position where anyone could walk on, trip over, or roll anything over power or connecting cords of any kind. The use of an extension cord is not recommended! If you must use an extension cord, the minimum wire size for a 25' cord (or less) is 18 AWG. NOTE: The smaller the AWG number, the larger the current handling capacity. For longer extension cords, consult a local electrician.

6. Ventilation: Electronic products, unless specifically designed for enclosed installations, should be placed in locations that do not interfere with proper ventilation. If instructions for enclosed installations are not provided, it must be assumed that unobstructed ventilation is required.

7. Temperature considerations: Electronic products should be installed in locations that do not significantly contribute to their operating temperature. Placement of this product close to heat sources such as; radiators, heat registers and other devices that produce heat should be avoided.

8. This product was NOT designed for use in wet/damp locations and should not be used near water or exposed to rain. Examples of wet/damp locations are; near a swimming pool, spa, tub, sink, or wet basement.

9. This product should be used only with the components supplied or; a cart, rack, or stand that is recommended by the manufacturer. If a cart, rack, or stand is used, please observe all safety markings and instructions that accompany the accessory product.

10. The power supply cord (plug) should be disconnected from the outlet when electronic products are to be left unused for extended periods of time. Cords should also be disconnected when there is a high probability of lightning and/or electrical storm activity.

11. Care should be taken that objects do not fall and liquids are not spilled into the enclosure through any openings that may exist.

12. Electrical/electronic products should be serviced by a qualified service person when:

a. The power supply cord has been damaged; or
b. Objects have fallen, been inserted, or liquids have been spilled into the enclosure through openings; or
c. The product has been exposed to rain; or
d. The product does not operate, exhibits a marked change in performance; or
e. The product has been dropped, or the enclosure of the product has been damaged.

13. Do not attempt to service this product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

14. This product, either alone or in combination with an amplifier and headphones or speaker/s, may be capable of producing sound levels that could cause permanent hearing loss. DO NOT operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist. IMPORTANT: The louder the sound, the shorter the time period before damage occurs.

15. Some Yamaha products may have benches and/or accessory mounting fixtures that are either supplied as a part of the product or as optional accessories. Some of these items are designed to be dealer assembled or installed. Please make sure that benches are stable and any optional fixtures (where applicable) are well secured BEFORE using. Benches supplied by Yamaha are designed for seating only. No other uses are recommended.

PLEASE KEEP THIS MANUAL

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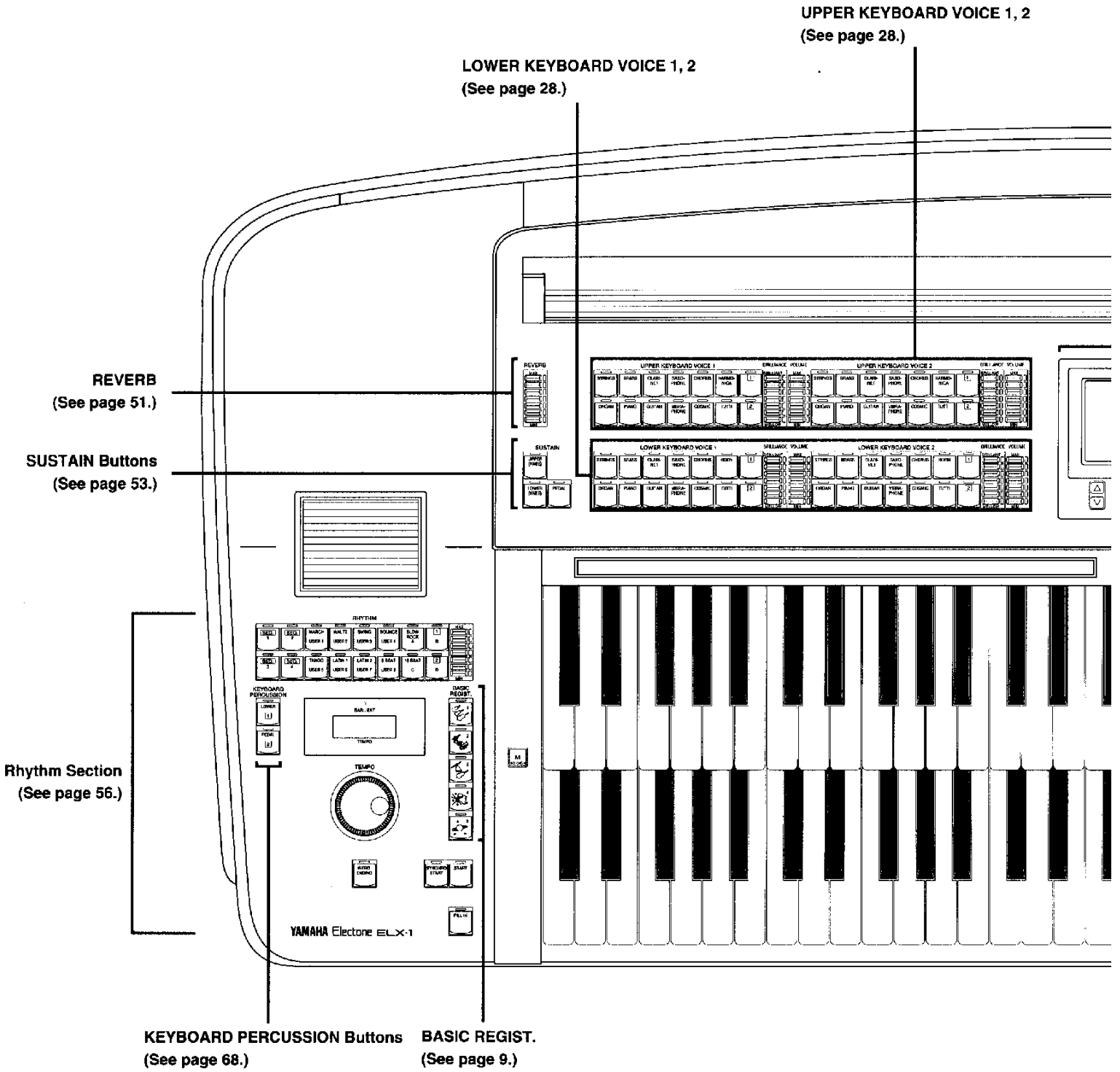
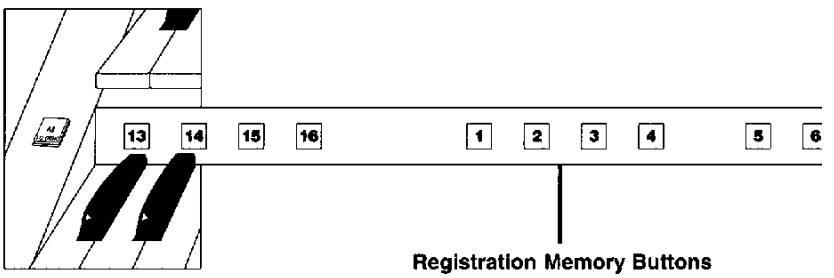
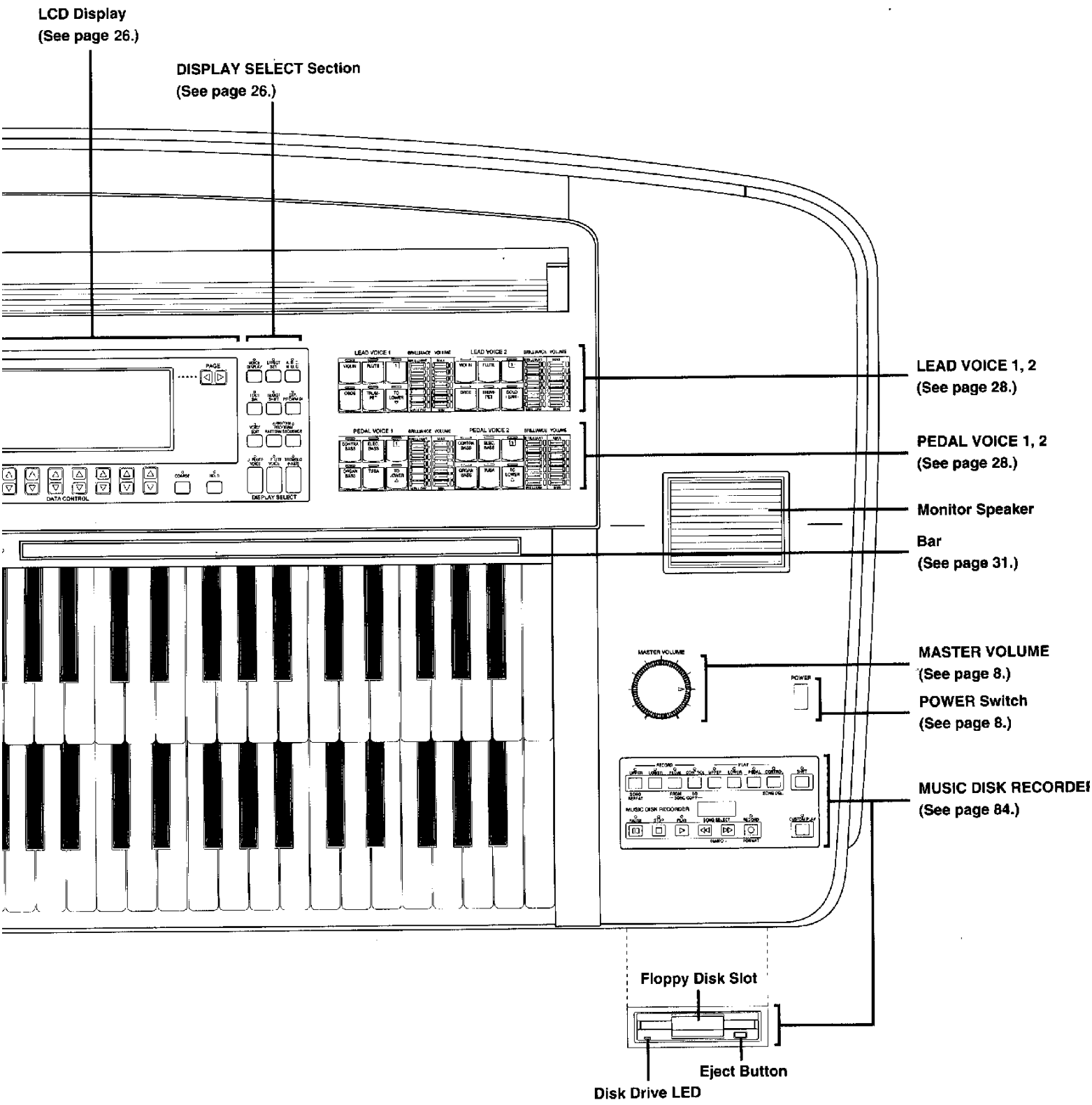
Panel Controls

Front Panel



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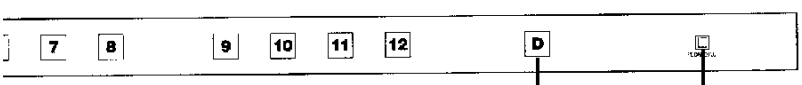
7
8
9
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12
D
PEDAL D.R.C. Button
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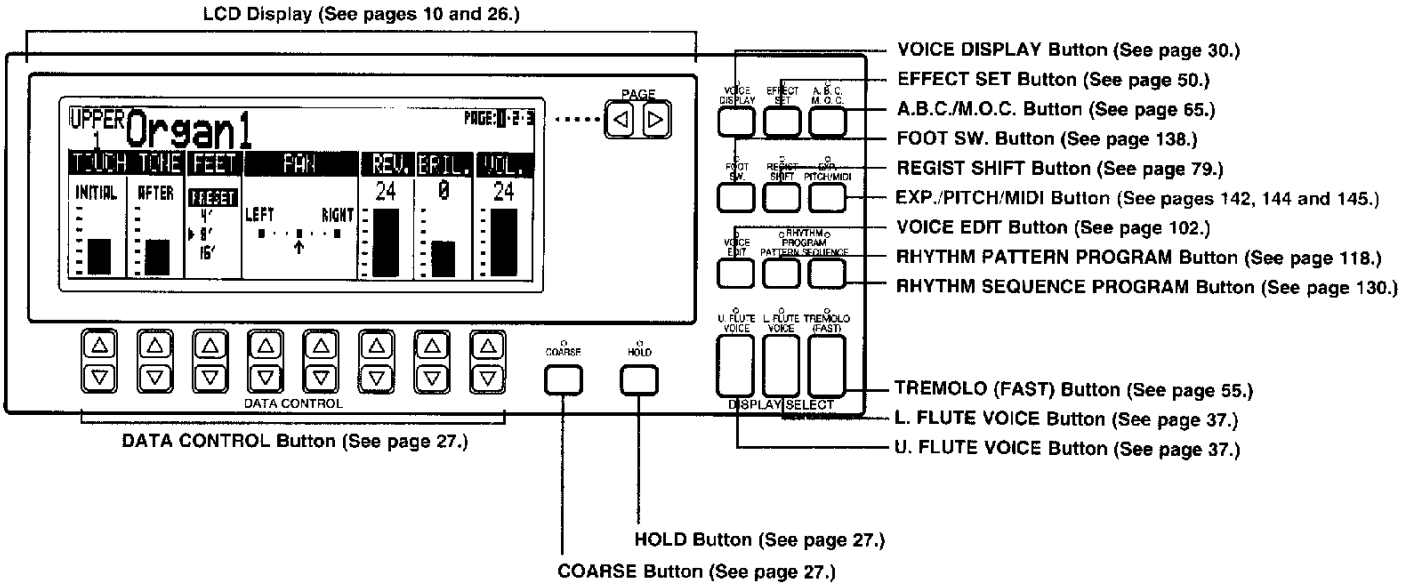
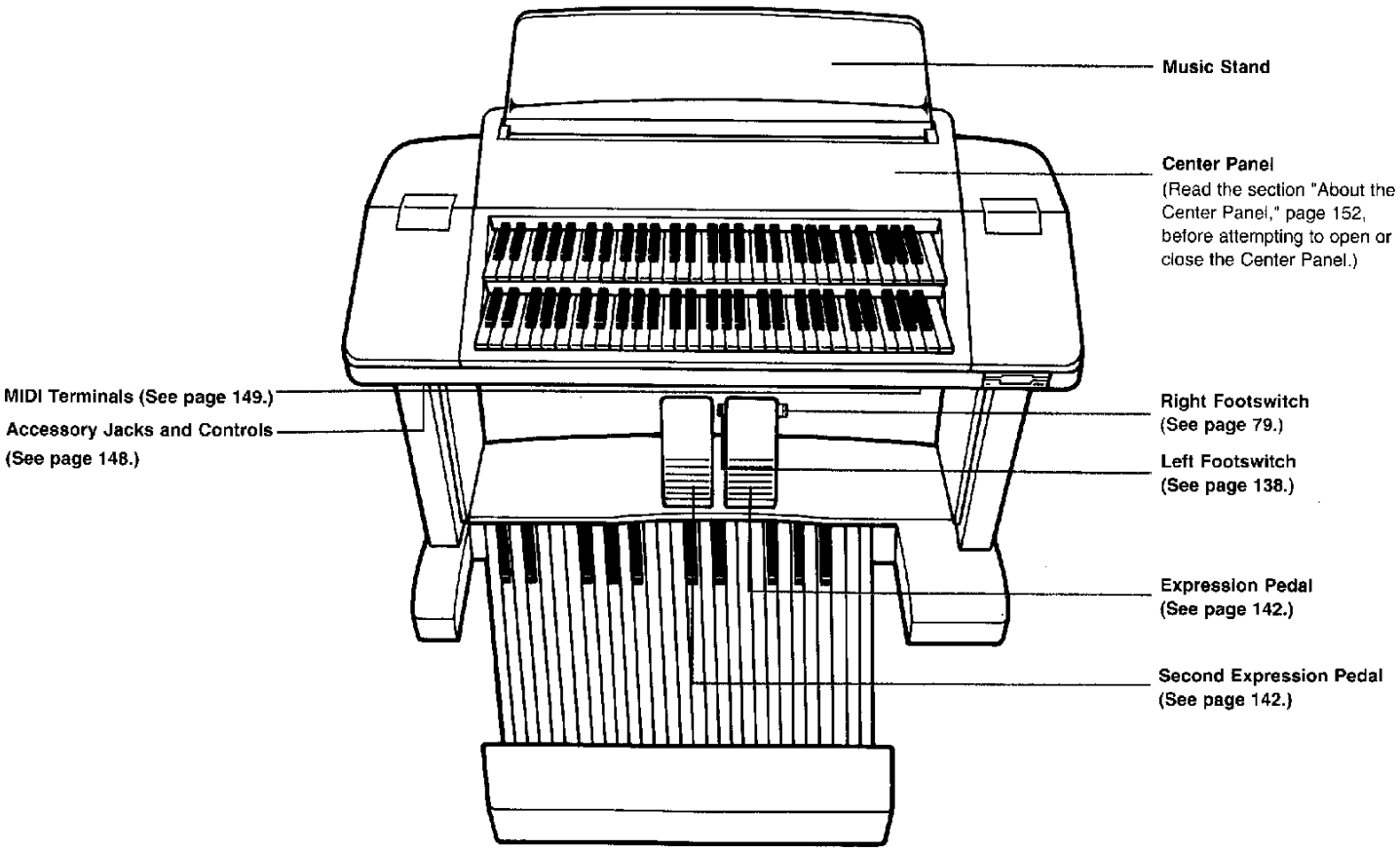
D (Disable) Button
(See page 78.)

LCD Display/DISPLAY SELECT Section



Other Parts, Controls and Terminals



Main Features

Your Yamaha ELX-1 Electone is packed with many sophisticated functions. Yet it is amazingly easy to use. The main features are briefly 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 this Electone a truly expressive musical instrument. With a total of 151 voices playable on two full 61-key keyboards and a 25-pedal Pedalboard, plus the Solo Mode, the ELX-1 is ideal for any performance situation. (See page 28.)

Limitless Variety of Organ Sounds

The Electone also has separate voice sections that feature classic organ sounds — from jazz and pop to church and theatre — and lets you easily create your own organ sounds by adjusting the volumes of the various flute footages. (See page 37.)

Original Voice Creation

The ELX-1 also provides easy-to-use voice editing tools for manipulating the sophisticated AWM and FM tone generation technologies, allowing you to create your own original Electone voices. (See page 102.)

Dynamic Rhythm Patterns and Programmable Percussion Sounds

The Rhythm section of the Electone features authentic drum and percussion sounds, used by expert rhythm programmers in creating a total of 66 rhythm patterns, ranging across all styles of music. (See page 56.)

In addition to the preset Keyboard Percussion function, the ELX-1 lets you freely assign 115 different percussion sounds to the keyboards and Pedalboard. (See page 68.) Moreover, the Rhythm Pattern Program and Rhythm Sequence Program functions let you record your own rhythm patterns and connect them to make songs. (See page 117.)

Wide Variety of High-quality Effects

Electone voices can also be enhanced with a full range of high-quality effects, ranging from Tremolo (for reproducing the sound of a rotating speaker) and Reverb to Flanger and Delay. (See page 41.) Moreover, panning and reverb effects can be applied independently to individual percussion sounds, and panning is effective regardless of the effect condition.

Recording of Performances with the Music Disk Recorder

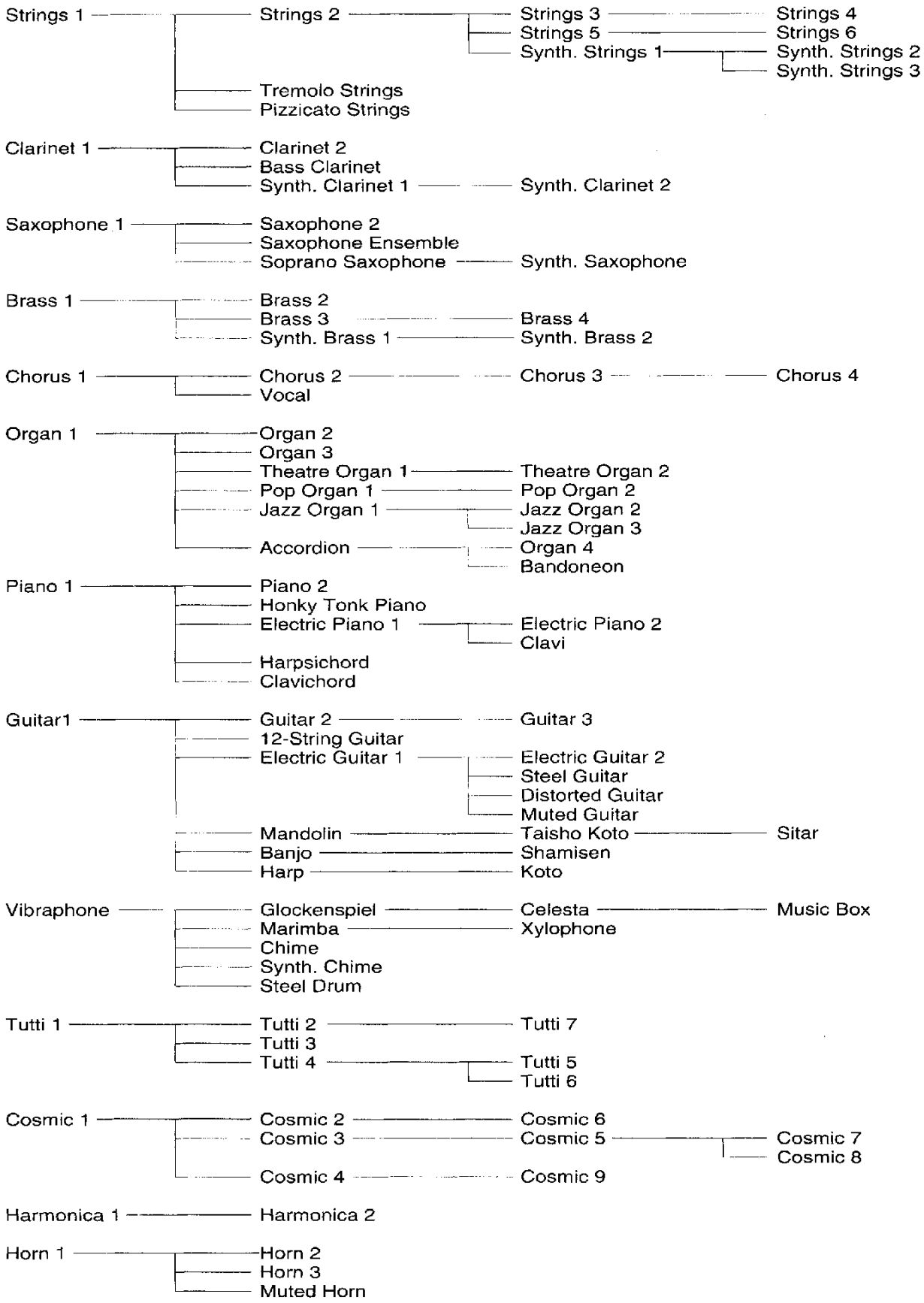
The Electone also features a Music Disk Recorder for recording your performances. The recording is completely digital and is stored to disk, which means that no matter how many times you play back the recording, it will always sound exactly the same as the original performance. (See page 84.)

Large LCD for Systematic, Intuitive Operation

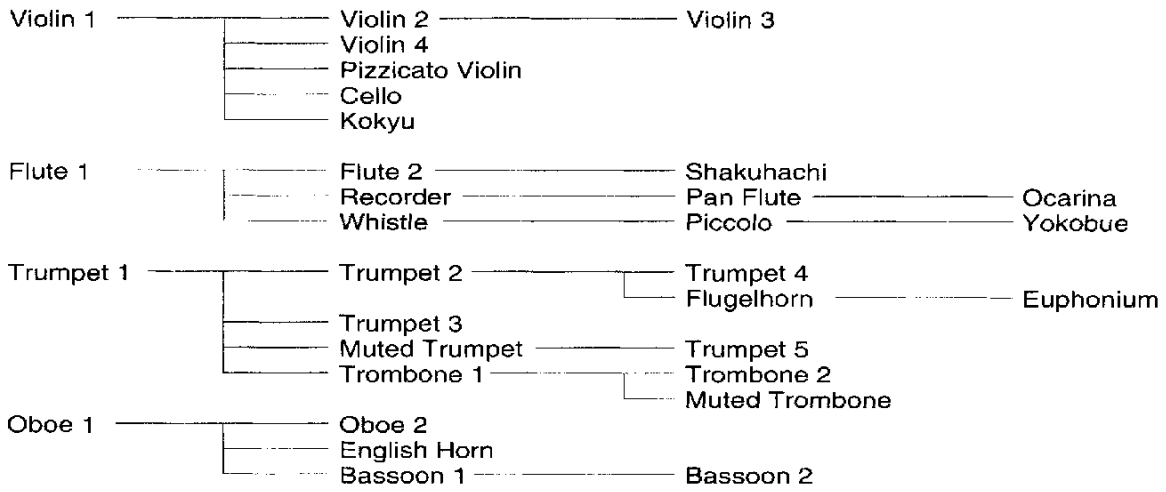
The large LCD display provides comprehensive and easy-to-understand control over virtually all of the operations and functions of the Electone. (See page 10.)

Voice List

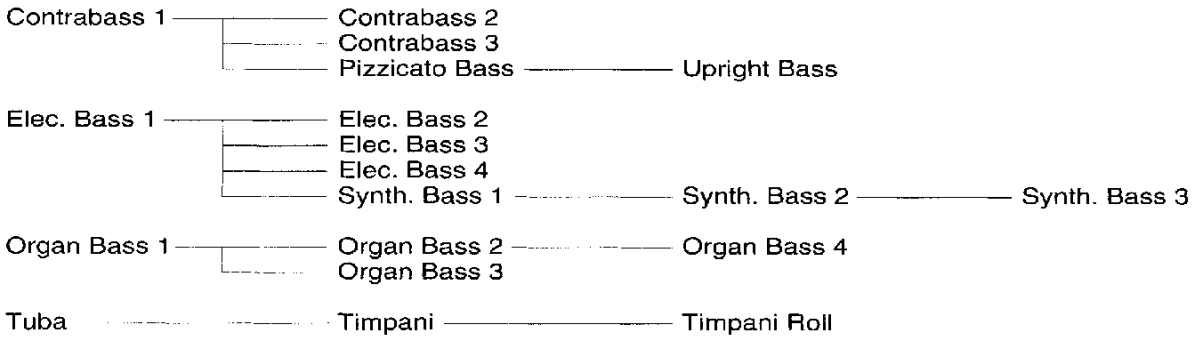
Orchestra Voices



Lead Voices



Pedal Voices



Preset Voices of the Upper/Lower Flute Voice

Jazz Organ 1	Jazz Organ 2	Jazz Organ 3	Jazz Organ 4
Pop Organ 1	Pop Organ 2	Pop Organ 3	Pop Organ 4

1 Quick Introductory Guide

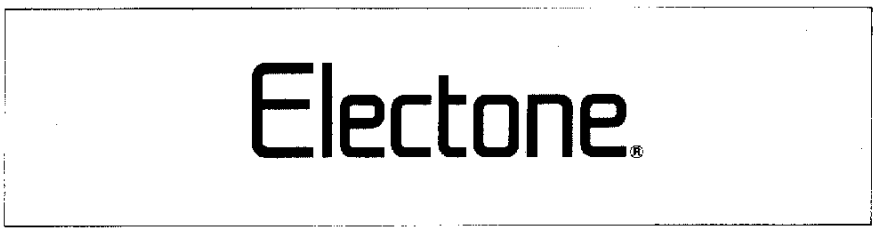
Whether you are an advanced Electone performer or have never touched an electronic keyboard in your life, we recommend that you take the time to go through this basic section. It shows you in the simplest possible manner how to start playing your Electone. The basic operations and functions that you learn in this section will also be important when you later use the Electone's more advanced features.

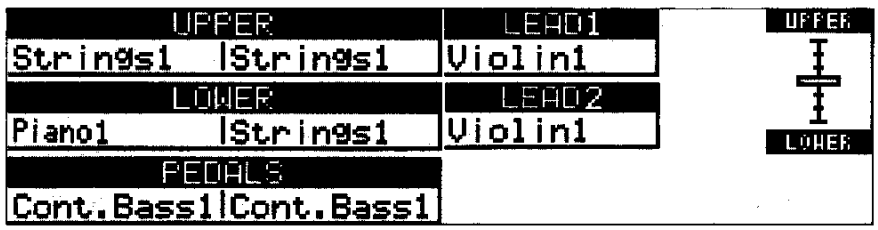
Getting Started

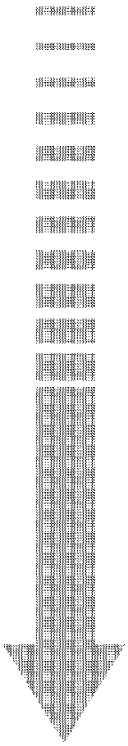
1. Set up your Electone and plug the power cord into an appropriate electrical outlet.

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

When you turn on the Electone, the following displays will appear one after the other in the LCD display:

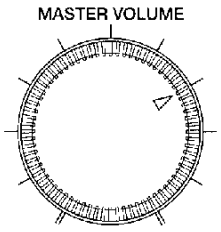






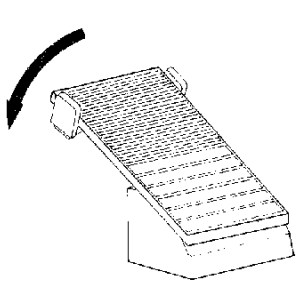
This last display shows the currently assigned voice settings for each voice section, as well as the overall balance between the Upper and Lower voices. (See page 30 for more information.)

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

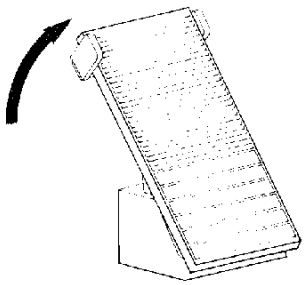


Set the control to roughly this position. This is the normal playing level.

4. Press the Expression Pedal down with your foot.
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.



Maximum volume



Minimum volume

Playing Your Electone with the Basic Registrations

Your Electone is fully equipped with an exceptionally wide variety of voices, rhythms, effects and other convenient functions. For the sake of convenience, the Electone includes 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.

To select a Basic Registration:

Press one of the numbered BASIC REGIST. buttons.

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 1	Strings 1	Brass 1	Flute 1	Cosmic 1	Synth. Brass 1
Lower Keyboard voice 1	Strings 1	Horn 1	Piano 1	Cosmic 2	Cosmic 3
Pedal voice 1	Contrabass 1	Tuba	Contrabass 1	Cosmic 2	Synth. Bass 1

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 77.) 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 the BASIC REGIST. buttons) 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.

Using the LCD Display

This section shows you how to use the convenient control functions of the LCD display. The LCD display lets you see at a glance the current settings and provides easy-to-understand graphic representations of all parameters.

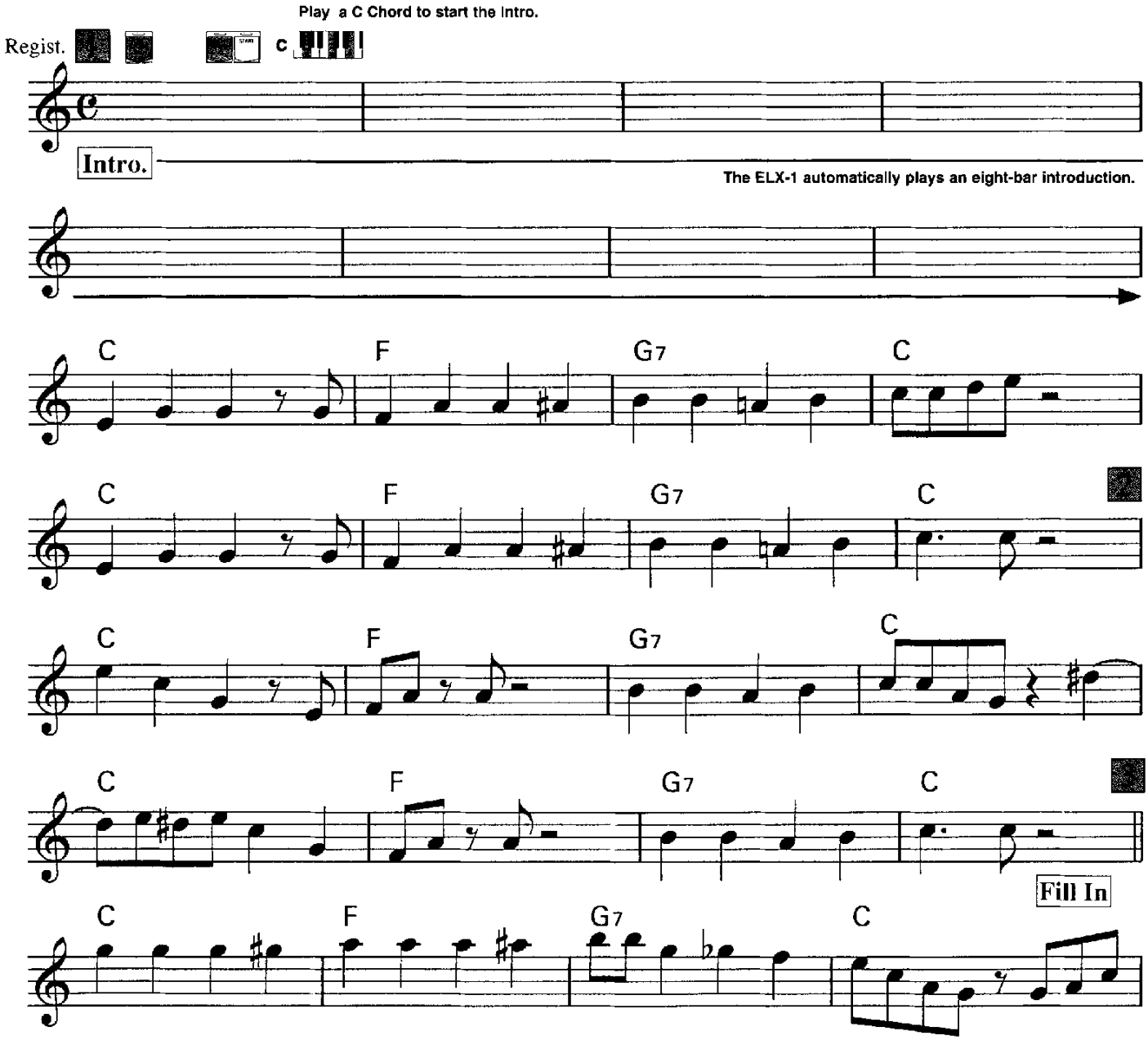
The step-by-step instructions here help you quickly learn how to use the LCD display as you actually set up several registrations for the famous tune, "Little Brown Jug."

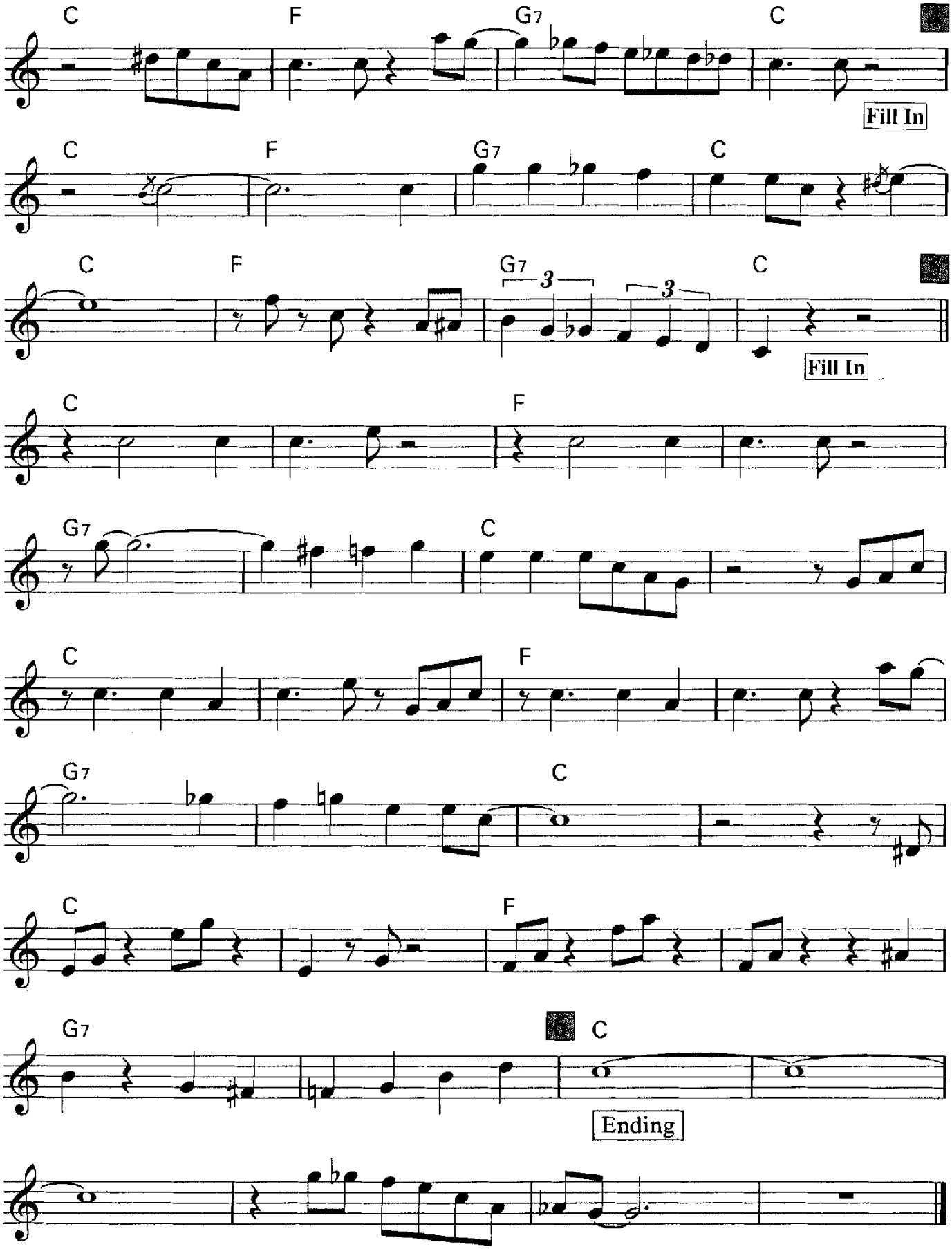
Little Brown Jug

American Folk Song
Arr. by C. Hayashi

Swing 1 ♩ =168 ♫=♩ ♪

1. Press the Regist. 1 button (even if the button is lit).
2. Press the INTRO. ENDING button to set up an introduction.
3. Press the SYNCHRO START button.
4. Next, play the C chord to actually start the introduction.




C
F
G7
C
Fill In
C
F
G7
C
C
F
G7
3
3
C
Fill In
C
F
G7
C
C
F
G7
C
C
F
G7
C
C
F
G7
C
Ending

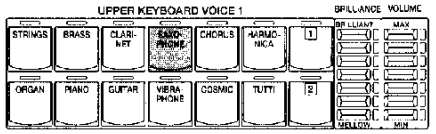
Setting Up the Registrations

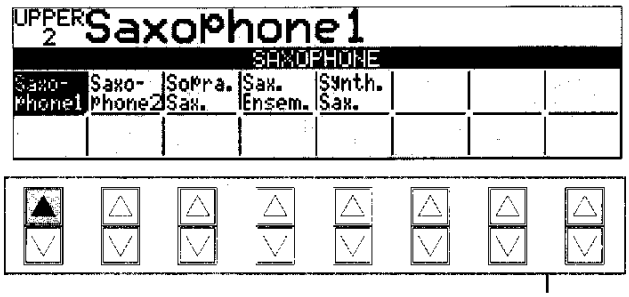
First, set up all the registrations to be used in the song. Follow the steps given below:

Registration 1

1. First, set UPPER KEYBOARD VOICE 1 to Saxophone 1.

1 Press the SAXOPHONE button in the UPPER KEYBOARD VOICE 1 section on the panel.
The selected voice is indicated in reverse display.



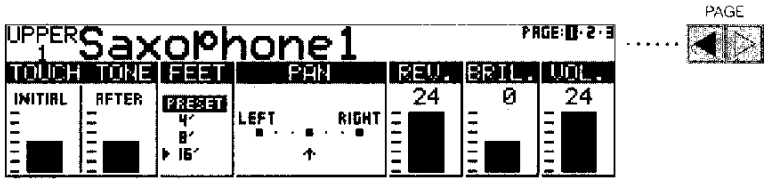


Reverse display indicates the selected voice. Data Control buttons

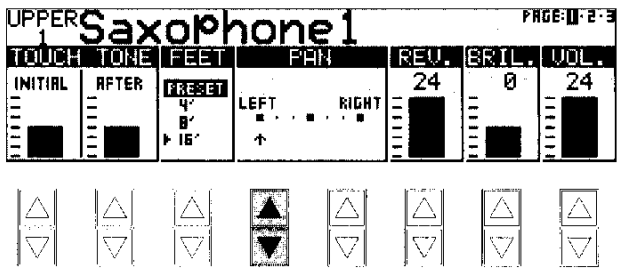
The SAXOPHONE Voice Menu appears in the display, with the Saxophone 1 voice selected for this example. If Saxophone 1 is not selected, press the Data Control button corresponding to the voice.

To select a Voice/Rhythm: 1) Press the panel Voice/Rhythm button to display the Voice/Rhythm Menu. 2) Select the desired Voice/Rhythm by pressing the Data Control button corresponding to it.

2 Next, press that voice's panel button again (or the Data Control button corresponding to the selected voice).
One of the Voice Condition pages (1 to 3) appears, with Voice Condition Page 1 selected for this example. If Page 1 is not selected, use the PAGE buttons to select it. From Page 1 you can change the Touch, Octave (Feet), Pan, Reverb, Brilliance and Volume settings.



3 Change the settings by pressing the corresponding Data Control buttons as shown in the illustration.

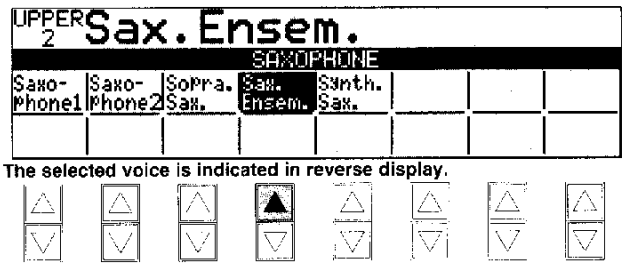


Set Pan to the leftmost position.

2. Next, set UPPER KEYBOARD VOICE 2 to Sax. Ensem. (Saxophone Ensemble).

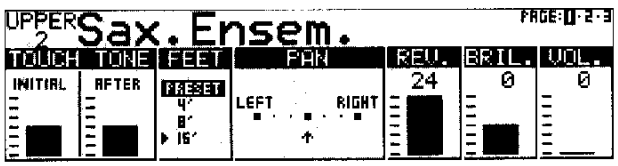
1 Press the SAXOPHONE button in the UPPER KEYBOARD VOICE 2 section on the panel.
The SAXOPHONE Voice Menu appears in the display.

2 Press the Data Control button corresponding to Sax. Ensem. to select the voice.

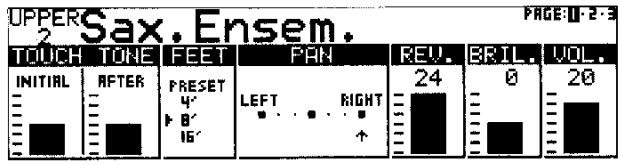


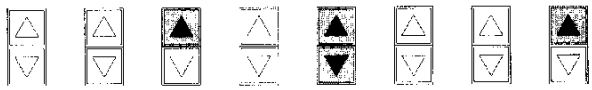
The selected voice is indicated in reverse display.

3 Press that voice's panel button again (or the Data Control button corresponding to the selected voice) to select Voice Condition Page 1.



4 Change the settings by pressing the Data Control buttons as shown in the illustration.





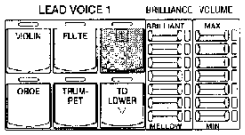
Select 8' (Feet). Set Pan to the rightmost position. Set Volume to 20.

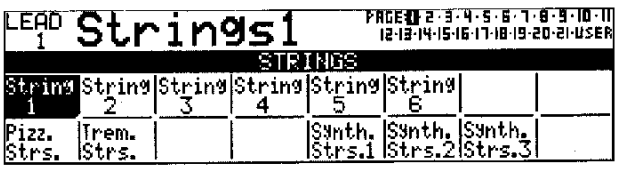
The Data Control buttons are used: 1) to select a specific Voice/Rhythm or function; 2) to decrease (▼) or increase (▲) a parameter, as in VOL.; 3) to select one of several settings, as in FEET; or 4) to move the cursor in the display (left/right or up/down), as in PAN.

3. Set LEAD VOICE 1 to Saxophone 2.

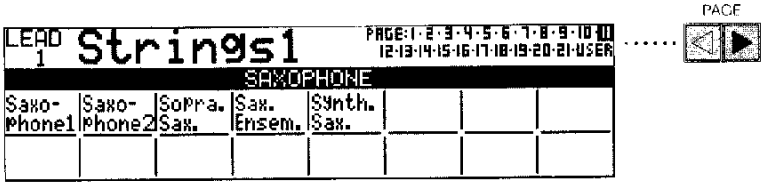
You've probably noticed that there is no SAXOPHONE button in the LEAD VOICE 1 section. However, you can assign any another voice section's voice to the Dotted button in this section.

1 Press the Dotted button in LEAD VOICE 1 on the panel.
Page 1 of the Voice Menus (STRINGS) appears on the display.

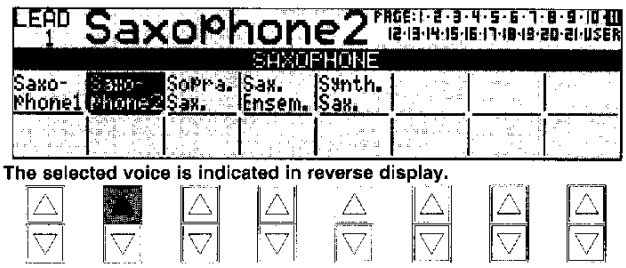




2 Use the PAGE buttons to select Page 11 (SAXOPHONE).

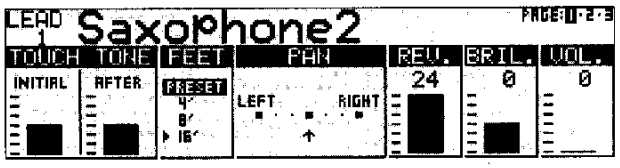


3 Press the Data Control button corresponding to Saxophone 2.

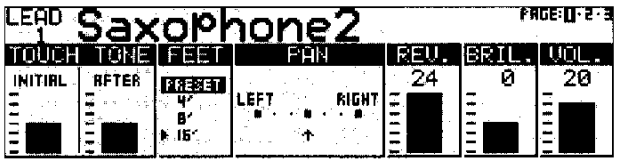


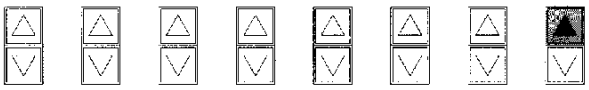
The selected voice is indicated in reverse display.

4 Press that voice's panel button again (or the Data Control button corresponding to the selected voice) to select Voice Condition Page 1.



5 Change the settings by pressing the Data Control buttons as shown in the illustration.




Set Volume to 20.

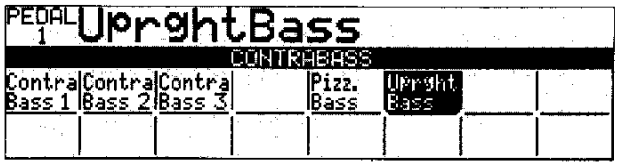
Note: See page 32 for more information about the Dotted buttons.

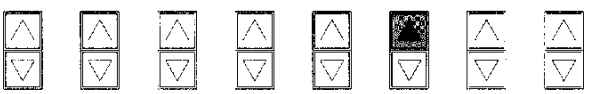
The PAGE buttons are used to select the various Pages of the display, the names of which appear at the top right of the LCD. Use PAGE ▶ to select the next page, and PAGE ◀ to select the previous page.

4. Set PEDAL VOICE 1 to Uprght Bass (Upright Bass).

1 Press the CONTRABASS button in the PEDAL VOICE 1 section on the panel.
The CONTRABASS Voice Menu appears in the display.

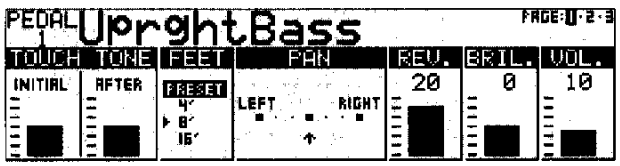
2 Press the Data Control button corresponding to Uprght Bass to select the voice.

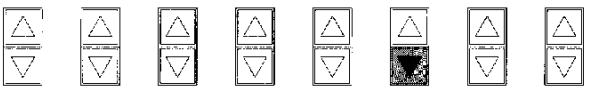




3 Press that voice's panel button again (or the Data Control button corresponding to the selected voice) to select Voice Condition Page 1.

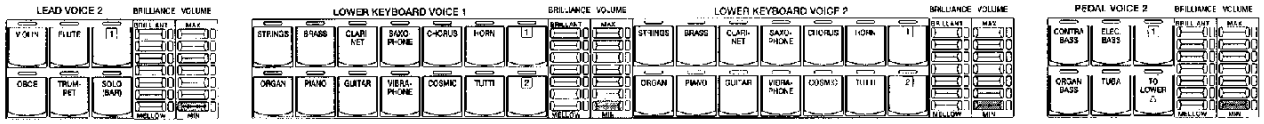
4 Change the settings by pressing the Data Control buttons as shown in the illustration.




Set Reverb to 20.

5. Make sure to mute the volumes of the remaining voice sections.

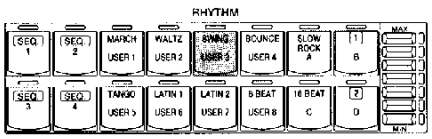
Set the panel Volume buttons of LEAD VOICE 2, LOWER KEYBOARD VOICE 1 and 2, and PEDAL VOICE 2 to MIN. (minimum).



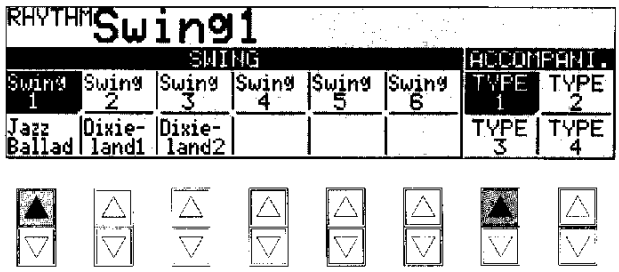
6. Select Swing 1 for the Rhythm Style, and select the A.B.C. Mode and Accompaniment Type.

1 Press the SWING button in the rhythm section on the panel.

The SWING Rhythm Menu appears in the display, with Swing 1 selected for this example. If Swing 1 is not selected, press the Data Control button corresponding to the pattern.

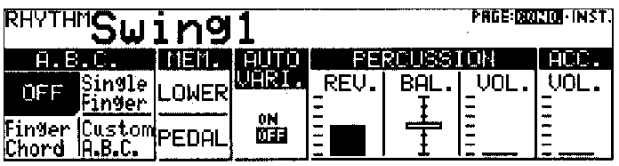


2 Select ACCOMPANI. TYPE 1 by pressing the corresponding Data Control button.) (In this example, Type 1 is automatically called up.)

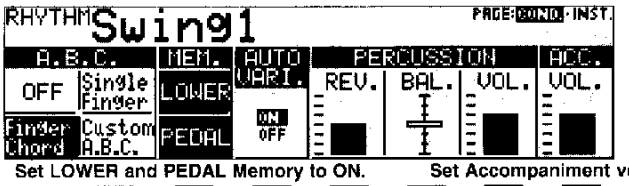


The selected Rhythm and Accompaniment Type are indicated in reverse display.

3 Next, press that rhythm's panel button again (or the Data Control button corresponding to the selected rhythm). The COND. (Rhythm Condition) page appears.



4 Select and adjust the other settings in the Rhythm Condition page, such as setting the A.B.C. auto accompaniment mode to Fingered, and turning on the Lower and Pedal Memory.



Set LOWER and PEDAL Memory to ON.

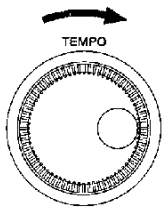
Set Accompaniment volume to16.

Select the Fingered mode.

Set AUTO VARI. (Variation) to ON

Set Rhythm volume to 16.

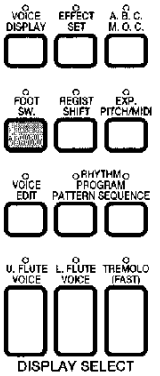
5 Set the rhythm tempo to 168 by turning the Tempo Dial clockwise.

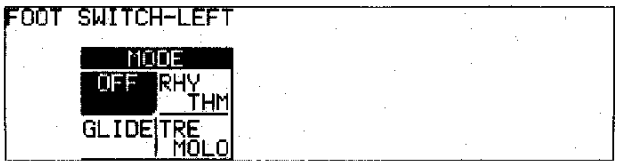


Note: This tempo is merely a recommended setting. You can adjust the rhythm tempo to your liking.

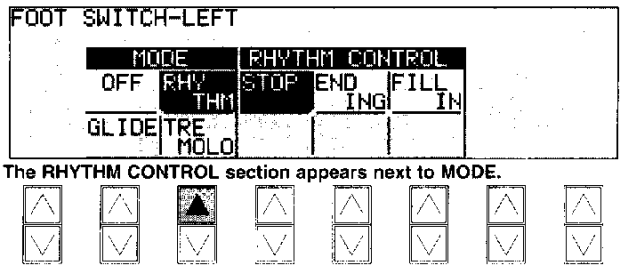
7. Assign the Left Footswitch to control Rhythm Fill-in.

1 Press the FOOT SW. button in the DISPLAY SELECT section. The Footswitch (Left) page appears.



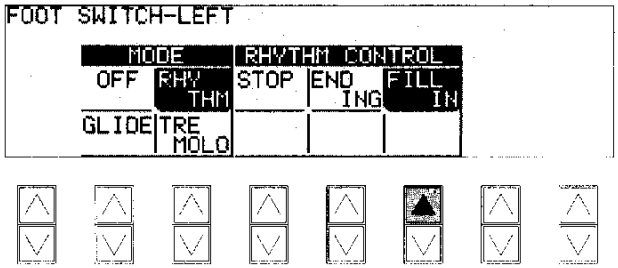


2 Set the MODE to RHYTHM by pressing the Data Control button corresponding to RHYTHM.



The RHYTHM CONTROL section appears next to MODE.

3 Press the Data Control button corresponding to FILL IN to select the Rhythm Fill-in function.

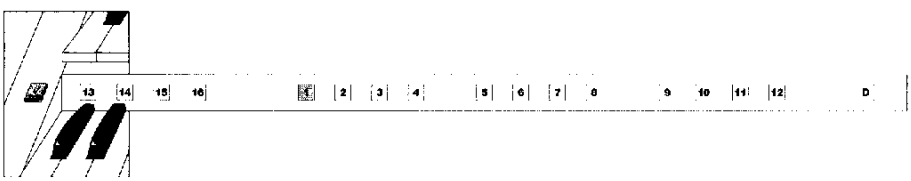


LCD displays can be called up by pressing: 1) the Panel buttons such as Voice or Rhythm buttons, or 2) the buttons in the DISPLAY SELECT section.

Now that you've made all settings for Registration 1, save the registration to Registration Memory.

8. To save Registration 1 to the Registration Memory button number 1.

Simultaneously hold down the M (Memory) button in the Registration Memory section, and press button number 1.



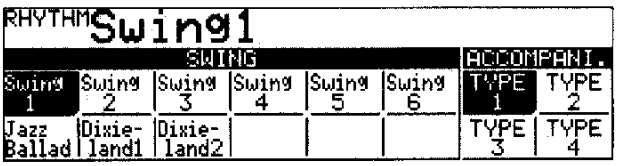
When the registration is stored, the numbered button flashes momentarily to indicate that the registration has been saved.

Registration 2

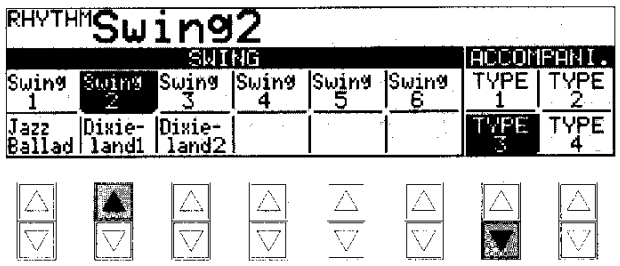
Since Registration 2 is a slight modification of Registration 1, you can create Registration 2 by editing Registration 1.

1. Select a different Rhythm pattern/Accompaniment Type (Swing 2).

1 Press the SWING button in the rhythm section on the panel. The SWING Rhythm Menu appears in the display.



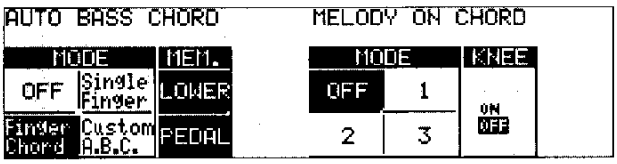
2 Press the Data Control buttons corresponding to Swing 2 and Type 3.



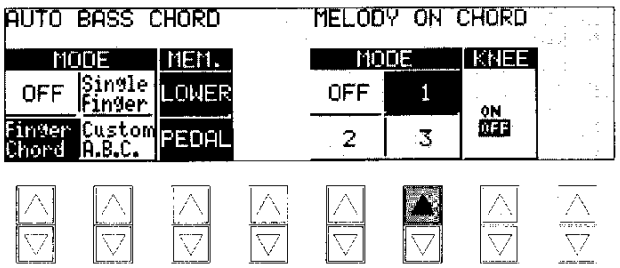
2. Add the Melody On Chord (M.O.C.) function (MODE 1).

1 Press the A.B.C./M.O.C. button in the DISPLAY SELECT section.

The Auto Bass Chord/Melody On Chord page appears on the display.



2 Press the Data Control button corresponding to MODE 1 in the Melody On Chord section.

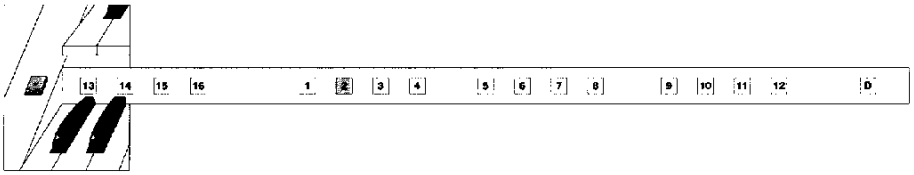


Note: The A.B.C. MODE and MEM. sections are the same as those found in the left half of the Rhythm Condition page.

Now that all settings for Registration 2 have been completed, save the registration to Registration Memory.

3. Save Registration 2 to Registration Memory button number 2.

Simultaneously hold down the M (Memory) button in the Registration Memory section, and press button number 2.



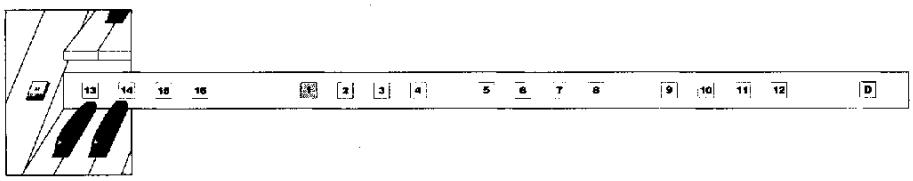
When the registration is stored, the numbered button flashes momentarily to indicate that the registration has been saved.

Registration 3

Since Registration 3 is also a slight modification of Registration 1, create Registration 3 by editing Registration 1.

1. First, call up Registration 1.

Press Registration Memory button number 1.

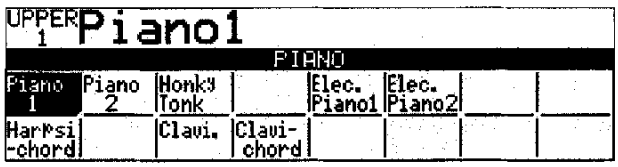


Now all settings of Registration 1 have been restored.

2. Set UPPER KEYBOARD VOICE 1 to Piano 1.

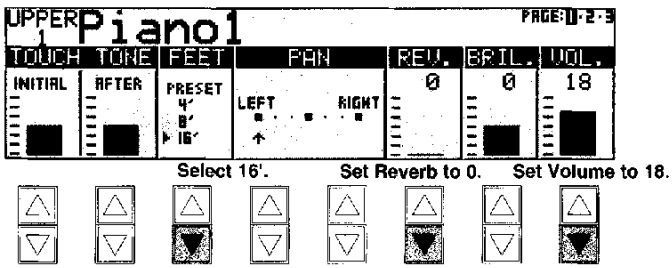
1 Press the PIANO button in the UPPER KEYBOARD VOICE 1 section on the panel.

The PIANO Voice Menu appears in the display, with the Piano 1 voice selected. If Piano 1 is not selected, press the Data Control button corresponding to the voice.



2 Next, press that voice's panel button again Voice Condition Page 1 appears.

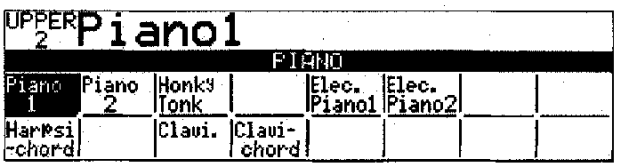
3 Change the settings by pressing the Data Control buttons as shown in the illustration.



3. Also set UPPER KEYBOARD VOICE 2 to Piano 1.

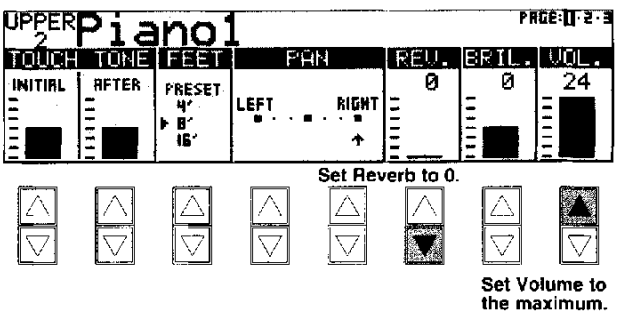
1 Press the PIANO button in the UPPER KEYBOARD VOICE 2 section on the panel.

The PIANO Voice Menu appears in the display, with the Piano 1 voice selected. If Piano 1 is not selected, press the Data Control button corresponding to the voice.



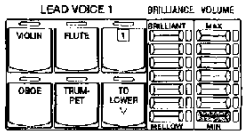
2 Next, press that voice's panel button again Voice Condition Page 1 appears.

3 Change the settings by pressing the Data Control buttons as shown in the illustration.



4. Turn off LEAD VOICE 1.

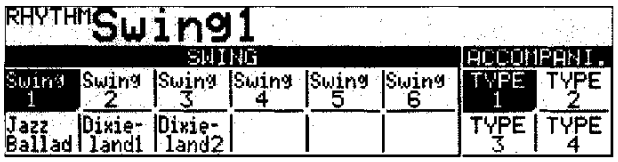
Set the panel Volume button of the LEAD VOICE 1 section to MIN.



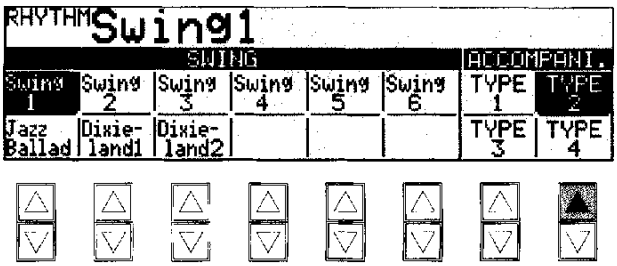
5. Change the Accompaniment Type to Type 2.

1 Press the SWING button in the rhythm section on the panel.

The SWING Rhythm Menu appears in the display.



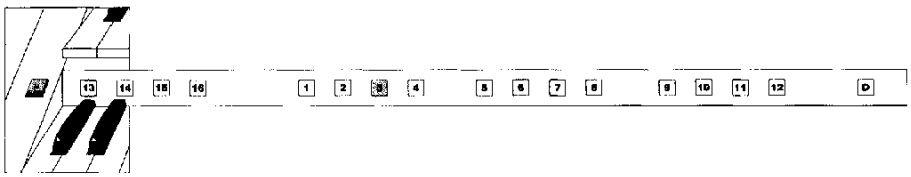
2 Select Accompaniment Type 2 by pressing the corresponding Data Control button.



Now that all settings for Registration 3 have been completed, save the registration to Registration Memory.

6. Save Registration 3 to Registration Memory button number 3.

Simultaneously hold down the M (Memory) button in the Registration Memory section, and press button number 3.



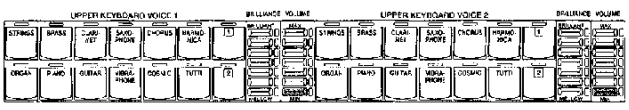
When the registration is stored, the numbered button flashes momentarily to indicate that the registration has been saved.

Registration 4

Since Registration 4 is a slight modification of Registration 3, you can create Registration 4 by editing Registration 3.

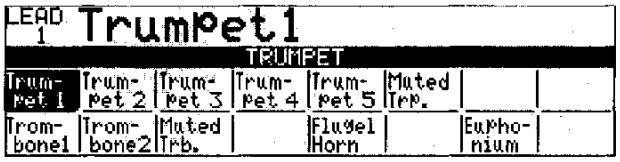
1. First, mute the voices of UPPER KEYBOARD VOICE 1 and 2.

Set the panel Volume buttons of the UPPER KEYBOARD VOICE 1 and 2 sections to MIN.

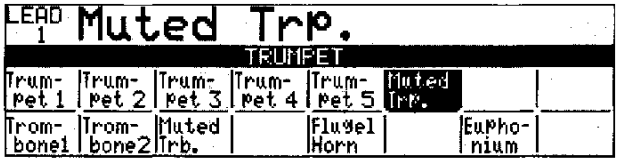


2. Set LEAD VOICE 1 to Muted Trp. (Muted Trumpet).

1 Press the TRUMPET button in the LEAD VOICE 1 section on the panel.
The TRUMPET Voice Menu appears on the display.

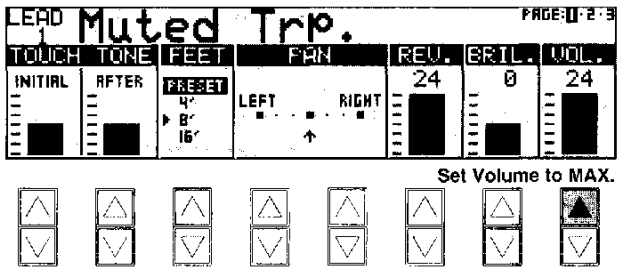


2 Press the Data Control button corresponding to Muted Trp.

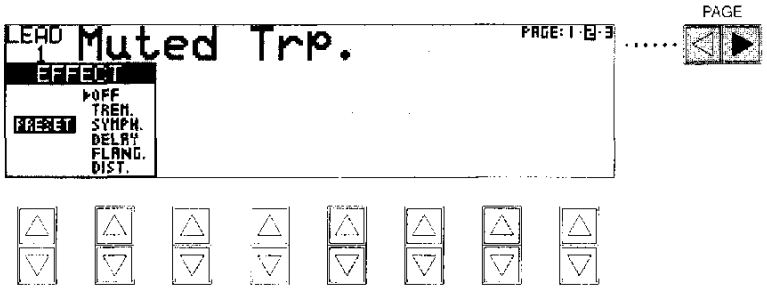


3 Press that voice's panel button again to select Voice Condition Page 1.

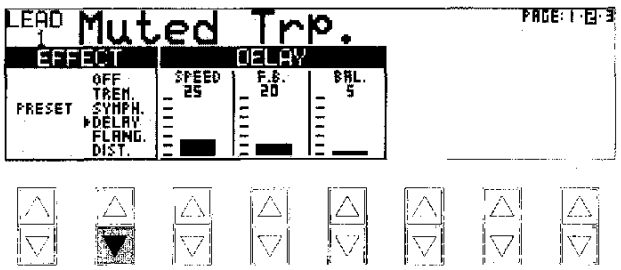
4 Change the settings by pressing the Data Control buttons as shown in the illustration.



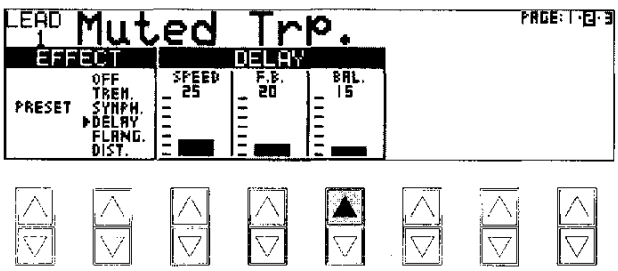
5 Next, use the PAGE buttons to select Voice Condition Page 2 (EFFECT).



6 Press the Data Control button below DELAY (EFFECT) to select the Delay effect.



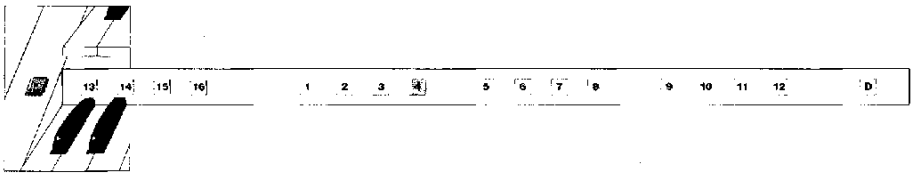
7 Set the BAL. (Balance) parameter to 15 by using the Data Control buttons below BAL. (Balance).



Now that all settings for Registration 4 have been completed, save the registration to Registration Memory.

3. Save Registration 4 to Registration Memory button number 4.

Simultaneously hold down the M (Memory) button in the Registration Memory section, and press button number 4.



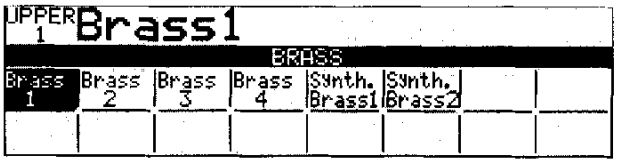
When the registration is stored, the numbered button flashes momentarily to indicate that the registration has been saved.

Registration 5

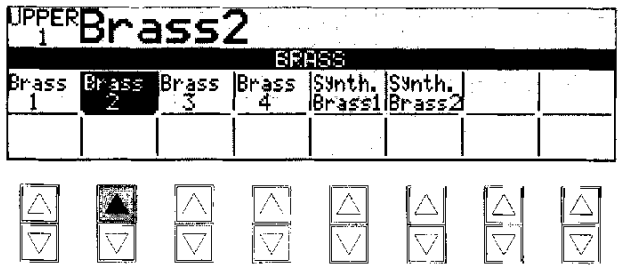
Since Registration 5 is the same as Registration 4 with minor changes, create Registration 5 by editing Registration 4.

1. Set UPPER KEYBOARD VOICE 1 to Brass 2.

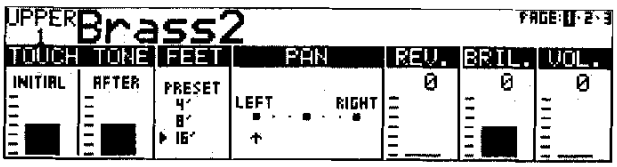
1 Press the BRASS button in the UPPER KEYBOARD VOICE 1 on the panel.
The BRASS Voice Menu appears in the display.



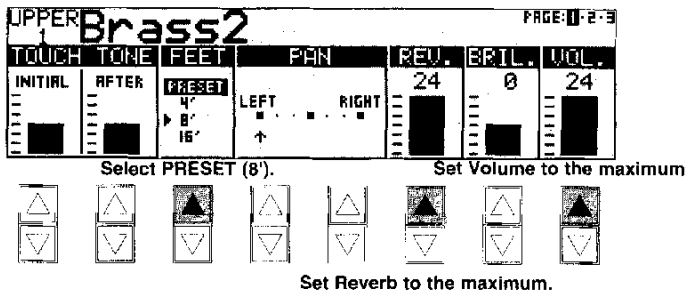
2 Select Brass 2 by pressing the Data Control button corresponding to Brass 2.



3 Next, press that voice's panel button again Voice Condition Page 1 appears in the display. If another page is shown, use the PAGE buttons to select Page 1.



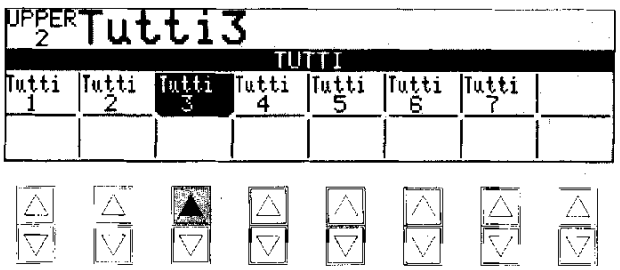
4 Change the settings by pressing the Data Control buttons as shown in the illustration.



2. Set UPPER KEYBOARD VOICE 2 to Tutti 3.

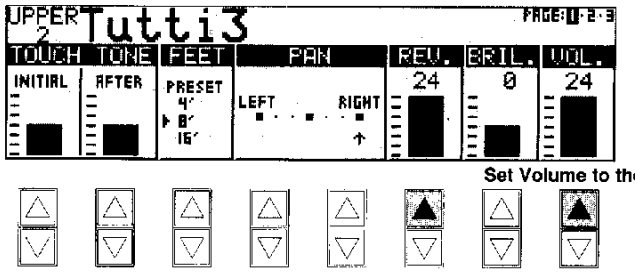
1 Press the TUTTI button in the UPPER KEYBOARD VOICE 2 section on the panel.
The TUTTI Voice Menu appears in the display.

2 Select Tutti 3 by pressing the Data Control button corresponding to the voice.



3 Press that voice's panel button again to select Voice Condition Page 1.

4 Change the settings by pressing the Data Control buttons as shown in the illustration.



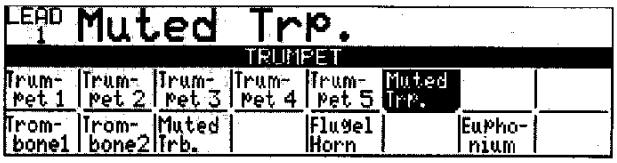
Set Volume to the maximum.

Set Reverb to the maximum.

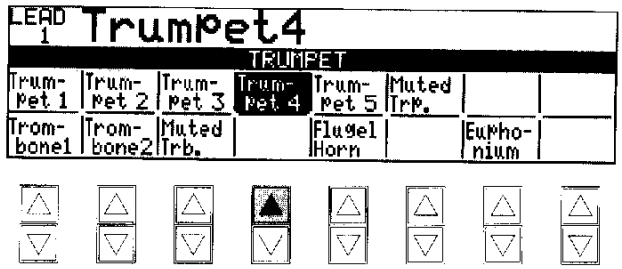
3. Set LEAD VOICE 1 to Trumpet 4.

1 Press the TRUMPET button in the LEAD VOICE 1 section on the panel.

The TRUMPET Voice Menu appears on the display.

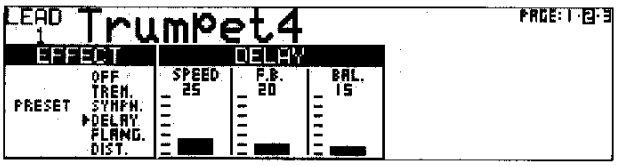


2 Press the Data Control button corresponding to Trumpet 4.

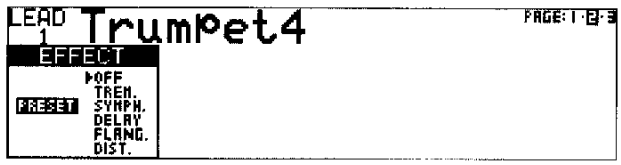


3 Press that voice's panel button again to select the Voice Condition Pages.

Use the Page buttons to select Voice Condition PAGE 2 (EFFECT).



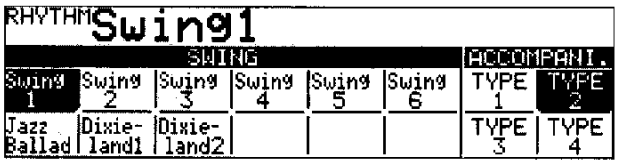
4 Select PRESET by pressing one of the Data Control buttons below PRESET to cancel the Delay effect.



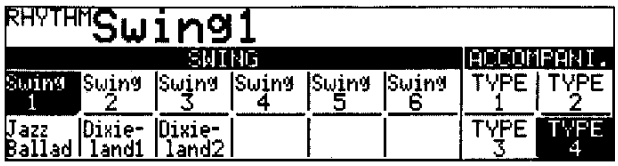
4. Select Accompaniment Type 4.

1 Press the SWING button in the rhythm section.

The Accompaniment Types for SWING appear next to the Rhythm Menu in the display.



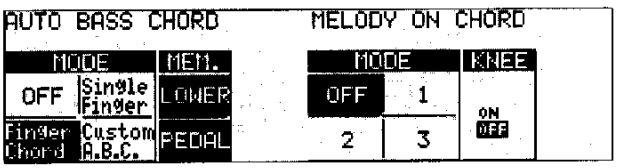
2 Press the Data Control button corresponding to Type 4.



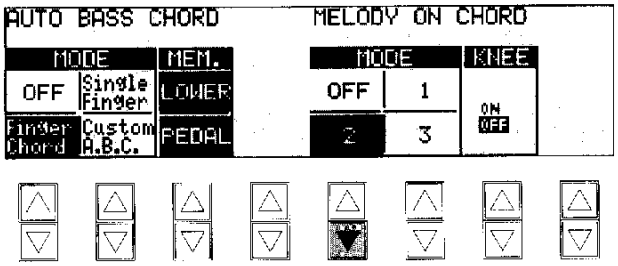
5. Turn on the Melody On Chord (M.O.C.) function and select Mode 2.

1 Press the A.B.C./M.O.C. button in the DISPLAY SELECT section.

The Auto Bass Chord/Melody On Chord page appears on the display.



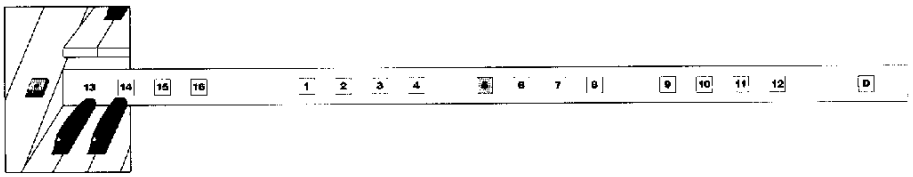
2 Press the Data Control button corresponding to MODE 2 in the Melody On Chord section.



Now that all settings for Registration 5 have been completed, save the registration to Registration Memory.

6. Save Registration 5 to Registration Memory button number 5.

Simultaneously hold down the M (Memory) button in the Registration Memory section, and press button number 5.



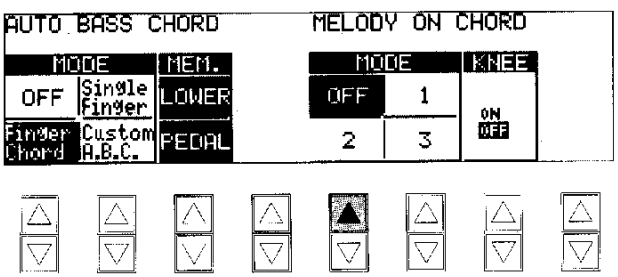
When the registration is stored, the numbered button flashes momentarily to indicate that the registration has been saved.

Registration 6

Since Registration 6 is the same as Registration 5 with minor changes, create Registration 6 by editing Registration 5.

1. Turn the Melody On Chord function off.

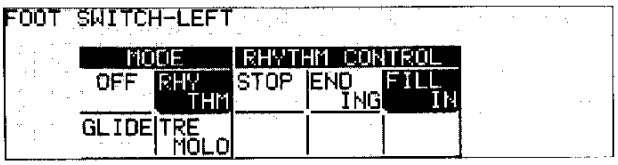
Select OFF by pressing the Data Control button corresponding to OFF. (Press the A.B.C./M.O.C. button in the DISPLAY SELECT section, if Melody On Chord is not displayed.)



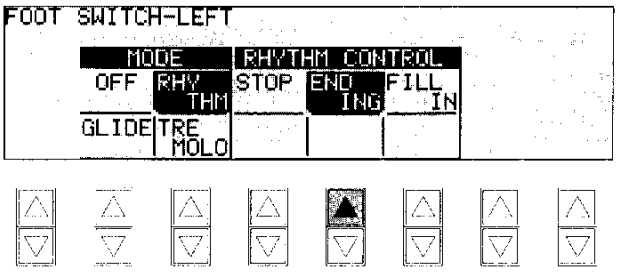
2. Assign the Left Footswitch to control Rhythm Ending.

1 Press the FOOT SW. button in the DISPLAY SELECT section.

The Footswitch (Left) page, with the RHYTHM CONTROL section selected, appears. (Set the MODE to RHYTHM by pressing the Data Control button corresponding to RHYTHM, if it is not displayed.)



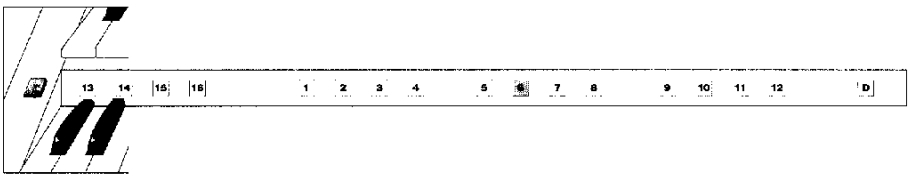
2 Press the Data Control button corresponding to ENDING to select the Rhythm Ending function for Registration 6.



Now that all settings for Registration 6 have been completed, save the registration to Registration Memory.

3. Save Registration 6 to Registration Memory button number 6.

Simultaneously hold down the M (Memory) button in the Registration Memory section, and press button number 6.



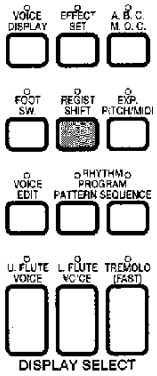
When the registration is stored, the numbered button flashes momentarily to indicate that the registration has been saved.

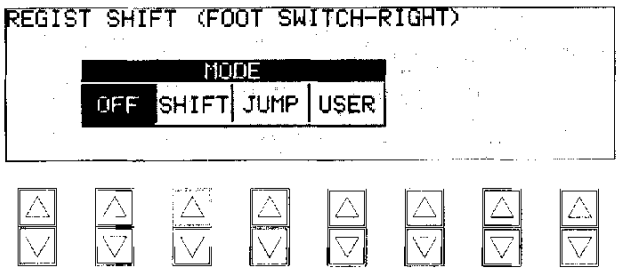
Using the Registration Shift (Right Footswitch) Function

The Registration Shift function lets you change among the Registrations you've just created in the section above, without having to take your hands from the keyboard during the performance. Each press of the Right Footswitch selects the Registrations in their numerical order.

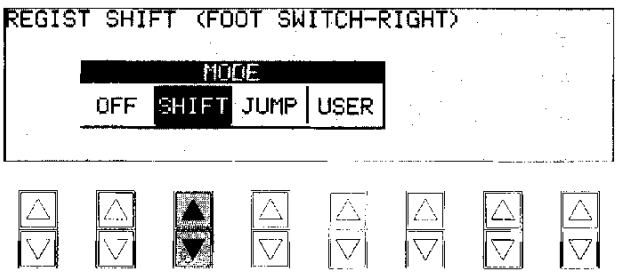
To set the Registration Shift (Right Footswitch) function.

1 Press the REGIST SHIFT button in the DISPLAY SELECT section.
The REGIST SHIFT page appears on the display.





2 Select SHIFT by pressing the Data Control buttons corresponding to SHIFT.



Now that all the settings for playing "Little Brown Jug" have been completed, let's go on to play the song.

Playing "Little Brown Jug"

Return to the score (page 10), and play the tune:

1. Press the Registration 1 button before starting the performance.

2. Press the INTRO.ENDING button to set up an introduction.

3. Press the SYNCHRO START button.

4. Next, play the chord indicated at the top left side of the score.
Pressing a chord automatically plays an eight-measure introduction before starting the actual rhythm pattern.

5. Start playing after the introduction is finished.

6. Change the Registrations during your performance by pressing the Right Footswitch at each box-numbered indication (1 ~ 6) in the score.

Now that you've set up the Electone for a performance and played through a selection, how do you like it? Do you feel more familiar with your ELX-1?

In this short section, you've seen just a small portion of the vast potential of the Electone. Now that you've learned how to use some of its functions and seen how the LCD-related buttons work, take some time to explore the other functions of the ELX-1.

Summary Chart of LCD-Related Functions

1. Calling up the LCD Displays

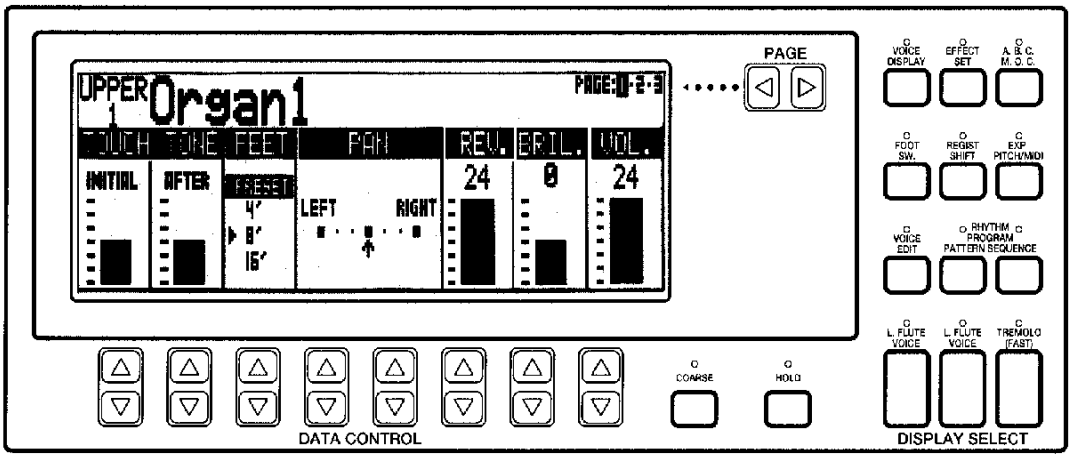
(1) ...by pressing the Panel buttons

- To select Voices and set Conditions/Effects
- To select Rhythms and set Conditions
- To set Reverb
- To set Sustain
- To set User Keyboard Percussion

(2) ...by pressing the buttons in DISPLAY SELECT section

- To call up Voice Display (Manual Balance)
- To set Effects
- To set Auto Bass Chord/Melody On Chord
- To set Left Footswitch function
- To set Registration Shift (Right Footswitch)
- To set Second Expression Pedal function
- To set Pitch/Transpose
- To set MIDI functions
- To set Voice Edit functions
- To set Rhythm Pattern Program functions
- To set Rhythm Sequence Program functions
- To select/set Flute Voices
- To set Tremolo/Chorus

LCD Display



2. Selecting the Pages (optional)

To select the various pages with PAGE buttons

3. Operating the LCD Display

...by pressing the Data control buttons

- To select Voices/Rhythms, Effects, etc.
- To select Accompaniment Type, A.B.C. Memory, etc.
- To adjust various parameters, such as Touch, Reverb, etc.
- To set up/edit Rhythm Pattern/Rhythm Sequence Program, etc.
- To move the Pan position, the cursor of Registration Shift, etc.

Also used to select various Pages of Instrument Categories (in Keyboard Percussion),etc

About the HOLD Button and COARSE Button:

HOLD Button

This button allows you to keep the LCD display at the current function. Normally if the buttons of other functions are pressed, the LCD will switch to those functions. To keep this from happening, press the HOLD button; the button's LED will remain lit as long as "Hold" is in effect. Press the button again to cancel the Hold function.

COARSE Button

This button allows you to make quick "jumps" when changing values (of parameters with bar indications in the display). While holding the COARSE button down, press the Data Control button corresponding to the value you wish to change; the value will change rapidly toward the maximum or minimum.

About the DISPLAY SELECT Section:

Normally the LCD display changes when another function has been selected. However, the VOICE EDIT and RHYTHM PROGRAM (PATTERN/SEQUENCE) displays remain until the buttons corresponding to those functions are pressed again (turned off). No other function can be selected while these functions are active.

As for the LEDs above the DISPLAY SELECT section buttons, those of the UPPER/LOWER FLUTE VOICE, VOICE EDIT, RHYTHM PATTERN/SEQUENCE and TREMOLO (FAST) buttons remain lit when the buttons are pressed (indicating ON status) and turn off when pressed again.