Korg Concert Piano

OWNER'S MANUAL C-15S/C-26

KORG

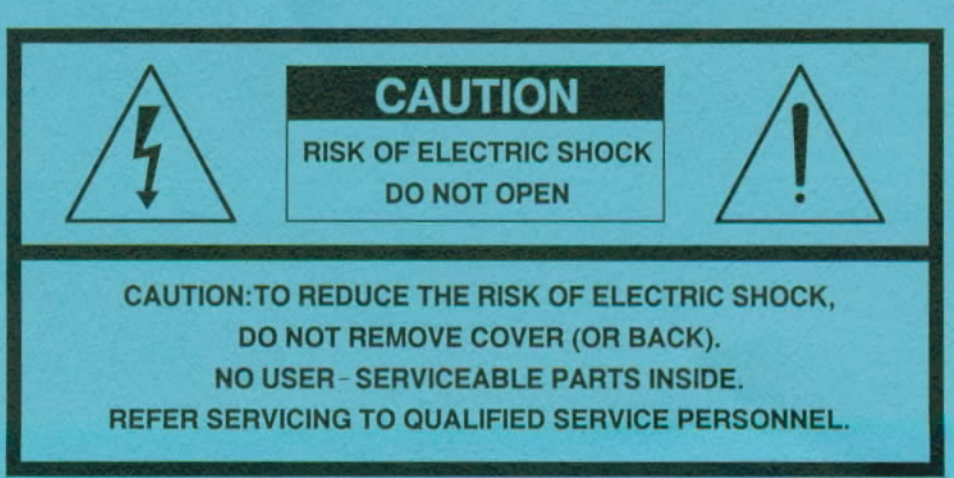
Ⓔ ①

IMPORTANT SAFETY INSTRUCTIONS

WARNING : When using electric products, basic precautions should always be followed, including the following.

1. Read all the instructions before using the product.
2. Do not use this product near water – for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.
3. This product should be used only with a cart or stand that is recommended by the manufacturer.
4. This product, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you sould consult an audiologist.
5. The product should be located so that its location or position does not interfere with its proper ventilation.
6. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
7. The product should be connected to a power supply only of the type described in the operationg instructions or as marked on the product.
8. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
9. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
10. The product should be serviced by qualified service personnel when:
    A. The power-supply cord or the plug has been damaged; or
    B. Objects have fallen, or liquied has been spilled into the product; or
    C. The product has been exposed to rain; or
    D. The product does not appear to operate normally or exhibits a marked change in performance; or
    E. The product has been dropped, or the enclosure damaged.
11. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

SAVE THESE INSTRUCTIONS



The lightning flash with arrowhead symbol, within an 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 electric shock to persons.

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

THE FCC REGULATION WARNING

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, these is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or move of the following measures:

- Reorient the receiving antenna.
- Relocate the equipment with respect to the receiver.
- Move the equipmente into a different outlet so that equipment and receiver are on different branch circuits.
- Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary,the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commision helpful. "How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the US Government Printing Office, Washington D.C. 20402,stock No. 004-000-000345-4.

CANADA

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

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

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

ATENTION: 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.

Thank you for purchasing the Korg Concert Piano C - 15S/C - 26. To ensure long, trouble- free operation, please read this manual carefully.

Before You Begin

Location

To prevent damage to the C - 15S/C - 26's electronics, do not use or store it for extended periods where it may be exposed to:

- direct sunlight
- extreme temperature or humidity
- sand or dust
- excessive vibration

Power Supply

- Only connect the C - 15S/C - 26 to electrical outlets matching the specifications on the name plate at the rear of the unit. Note: If necessary, add the appropriate step-up or step-down transformer. Connecting to the wrong polarity or voltage can irreparably damage the C - 15S/C - 26.
- To help prevent noise and poor sound quality, avoid connecting the C - 15S/C - 26 to the same electrical circuit as motors or large appliances.
- For the same reasons, never overload the electrical circuit with too many extension cords.
- Always start with the volume at a low level and gradually increase it — especially when the C - 15S/C - 26 is connected to external equipment.

Interference

To minimize the risk of radio-frequency interference:

- Keep the C - 15S/C - 26 away from fluorescent light fixtures and other sources of radio-frequency noise that may disrupt operation of the C - 15S/C - 26's main microprocessor.
- Never use the C - 15S/C - 26 in the immediate vicinity of a radio, television set, or similar equipment, as the equipment may pick up radio-frequency noise from the microprocessor.
- If operation becomes erratic or unpredictable or the C - 15S/C - 26 fails to respond, reset the microprocessor by turning off the C - 15S/C - 26, waiting a few seconds and then turning the unit on again.

Rear Connections

- Use only pin jacks and connectors matching the corresponding connectors available at the rear of the C - 15S/C - 26.

Handling

- Never apply excessive force to keys, switches, terminals and other components.
- Avoid dropping the C - 15S/C - 26.

Cleaning

Wipe the exterior of the C - 15S/C - 26 with a clean, dry cloth to remove dust and dirt. Never use harsh cleanser, organic solvents, or flammable polishes.

Foreign Objects

- Do not place vases or beverage containers on the C - 15S/C - 26. Liquid spills may cause fire or electrical shock, as well as cause permanent damage to the C - 15S/C - 26.
- Care should be taken so that metal objects such as pins and coins do not fall into the enclosure through openings between keys.

  If any of the above has occurred, turn off the power, unplug the power cord from the outlet and contact your dealer or a KORG service center.

Warranty

Have your warranty card validated at the place of purchase and keep it in a safe place until the warranty period expires.

Manual

This manual is your guide to using the C - 15S/C - 26 properly and effectively. Keep it in a safe place.

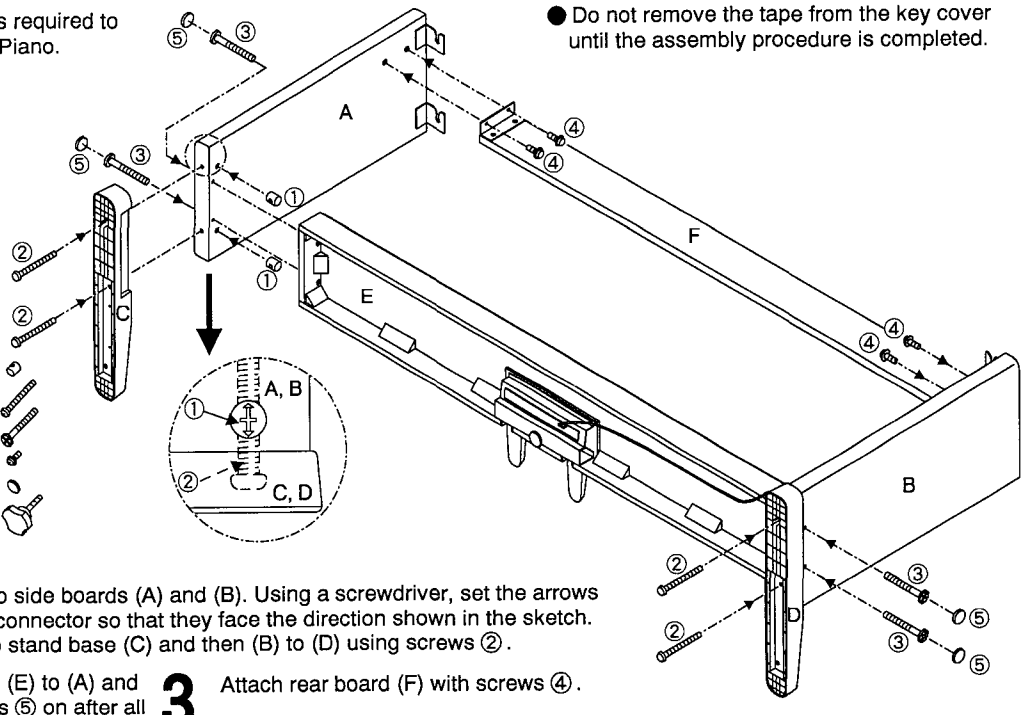
Contents

Assembling the Stand

● A phillips head screwdriver is required to assemble your new Concert Piano.

● Do not remove the tape from the key cover until the assembly procedure is completed.

A. Side board (right) 1
B. Side board (left)..... 1
C. Stand base (right) 1
D. Stand base (left) 1
E. Pedal casing 1
F. Rear board..... 1
①. Joint connector 4x
②. Long screw (gold).....4x
③. Long screw (black) 4x
④. Short screw 4x
⑤. Cap.....4x
⑥. Knob bolt 4x

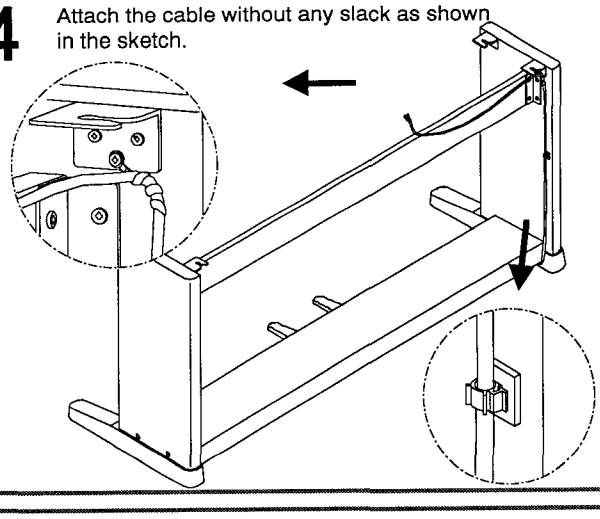


1 Fit joint connectors ① to side boards (A) and (B). Using a screwdriver, set the arrows on the surface of each connector so that they face the direction shown in the sketch. Attach side board (A) to stand base (C) and then (B) to (D) using screws ②.

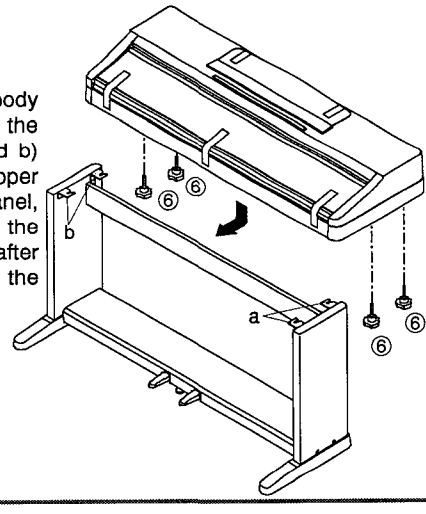
2 Attach the pedal casing (E) to (A) and (B) with ③ (Put the caps ⑤ on after all the screws are tightened).

3 Attach rear board (F) with screws ④.

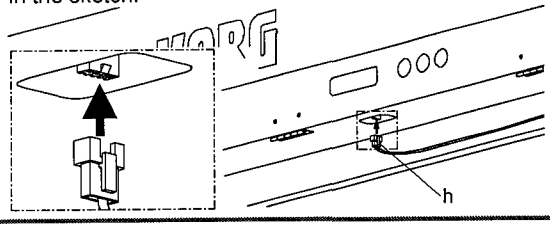
4 Attach the cable without any slack as shown in the sketch.



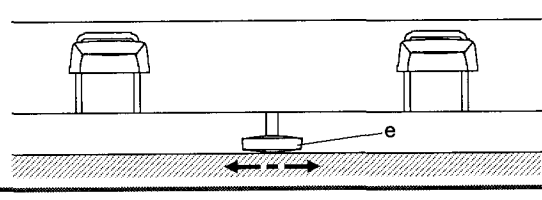
5 Pull the piano main body while aligning it with the metal brackets (a and b) located on the upper parts of the side panel, and secure it with the knob bolts ⑥ after aligning the holes of the metal brackets.



6 Insert the connector (h) at the rear of the pedestal into the receptacle on the underside of the piano as shown in the sketch.

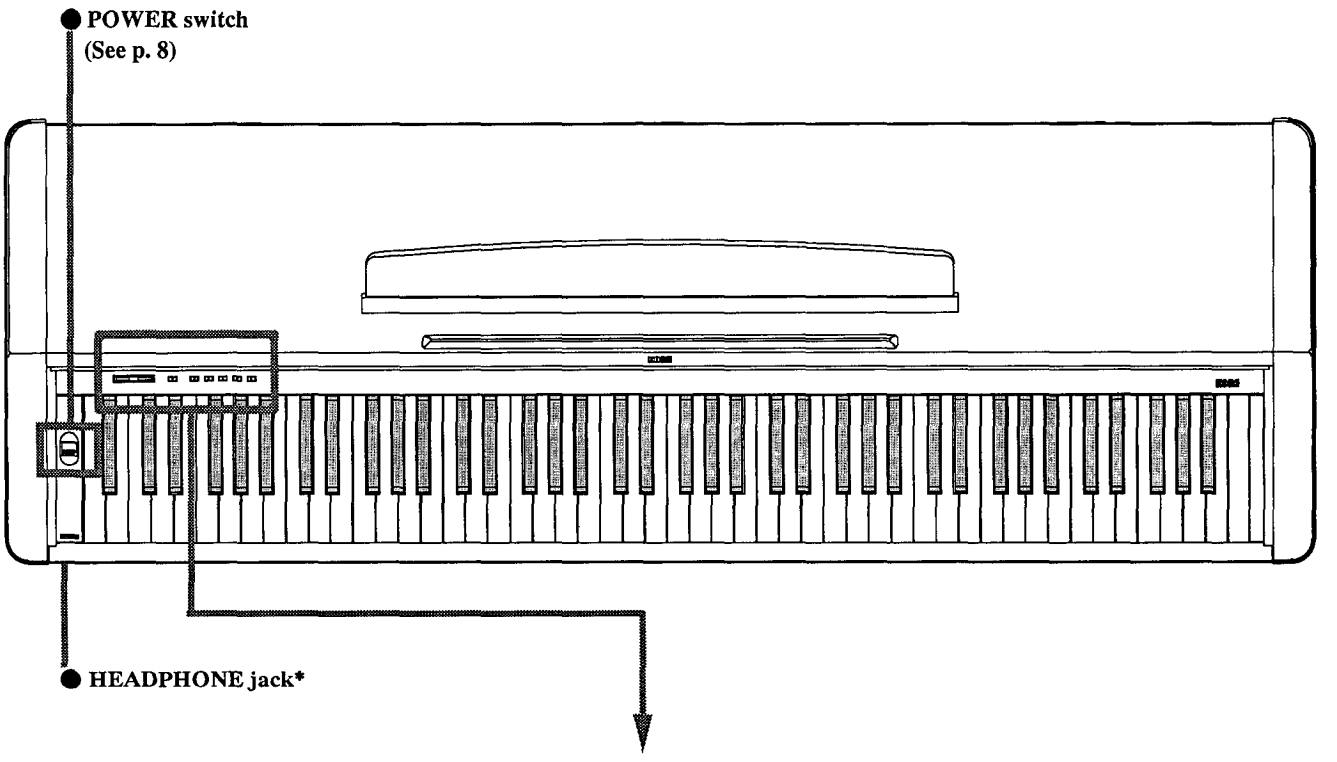


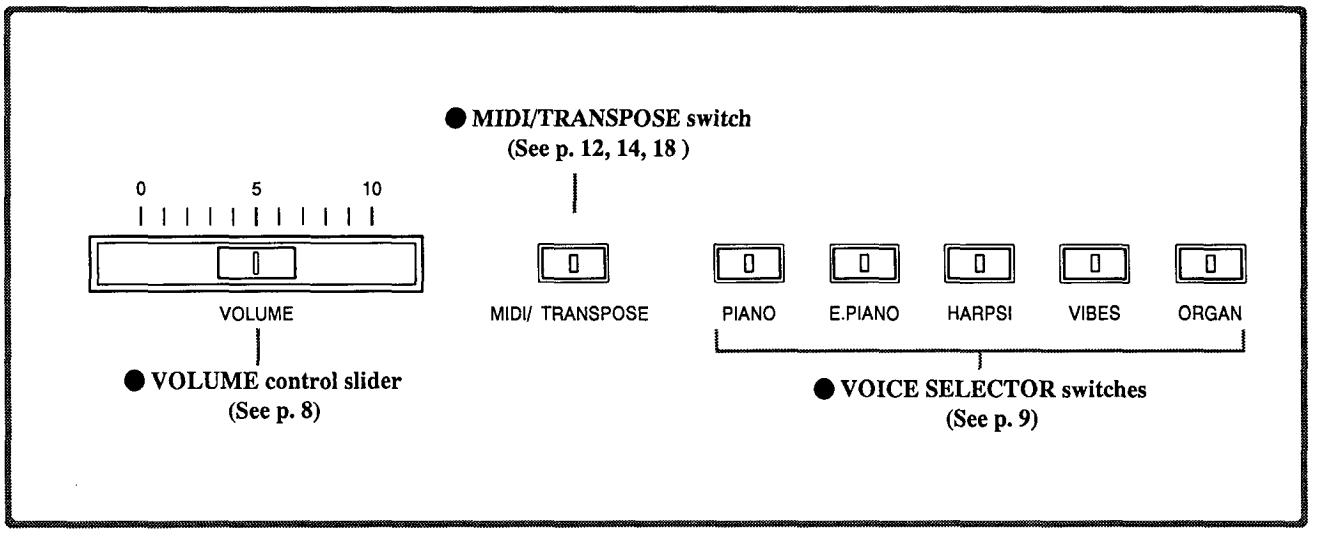
7 Adjust the adjuster (e) located under the pedal casing until it contacts the floor. If it is not correctly adjusted, the sound might be distorted.



Control Functions

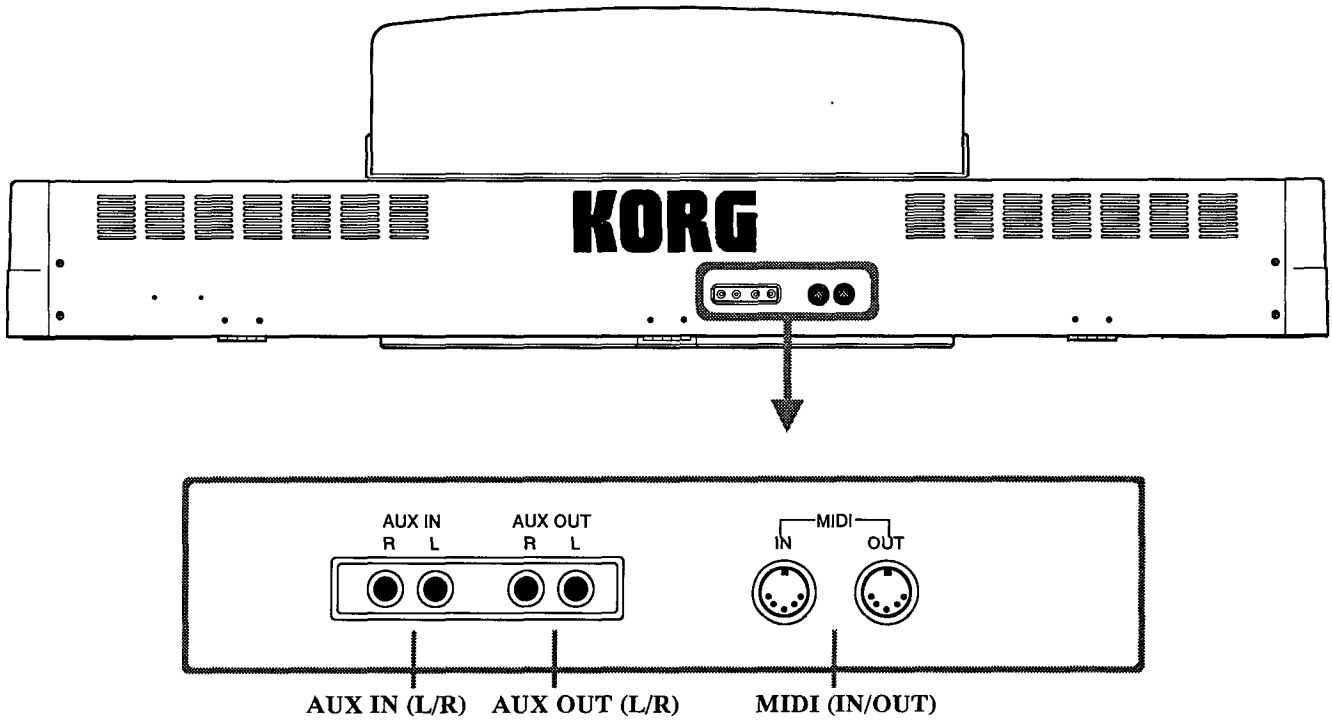
C-15S Front Panel





* This jack is for connection of a set of stereo headphones. It allows you to play the instrument at any volume level without disturbing others; the internal speakers are turned off when headphones are connected.

C-15S Rear Panel



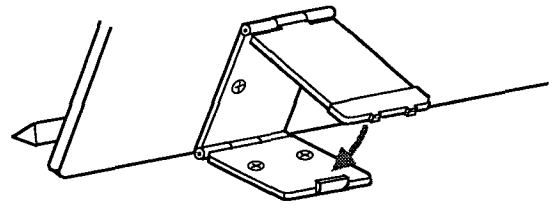
● **AUX IN (L/R):**
These RCA jacks are for connecting audio signals from synthesizers, drum machines, and other equipment to the C-15S's built-in speakers. Note: Adjust the volume of the connected instrument from that instrument's controls.

● **AUX OUT (L/R):**
These RCA jacks are for connecting the C-15S to the AUX (or LINE) IN jacks on mixers, tape recorders, or home audio systems — for routing output to a different speaker system, for example.

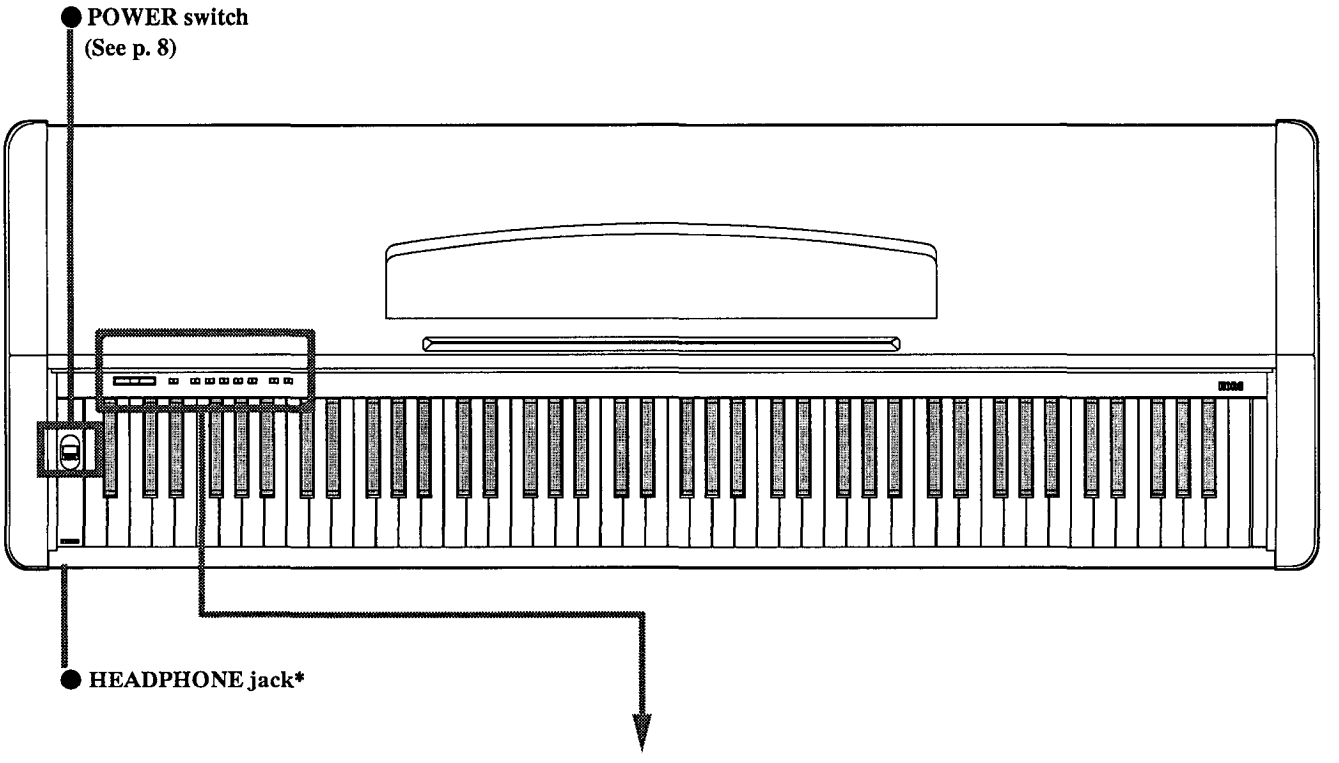
Note: The VOLUME slider on the front panel controls the output level.

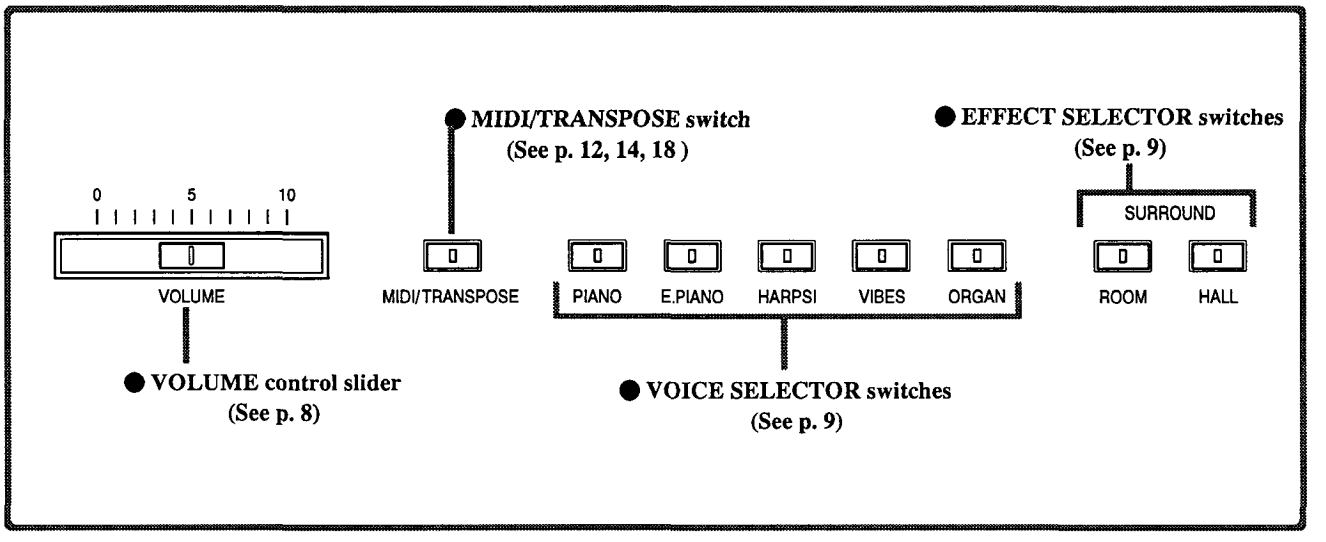
● **MIDI (IN/OUT):**
Used for exchanging data with synthesizers, sequencers, rhythm machines, and other MIDI-compatible equipment. Use optional MIDI cables for making connections.
(see p. 17)

● **Music Stand**
To prop up the music stand, pull out the flaps and fit them into the holders behind the stand.



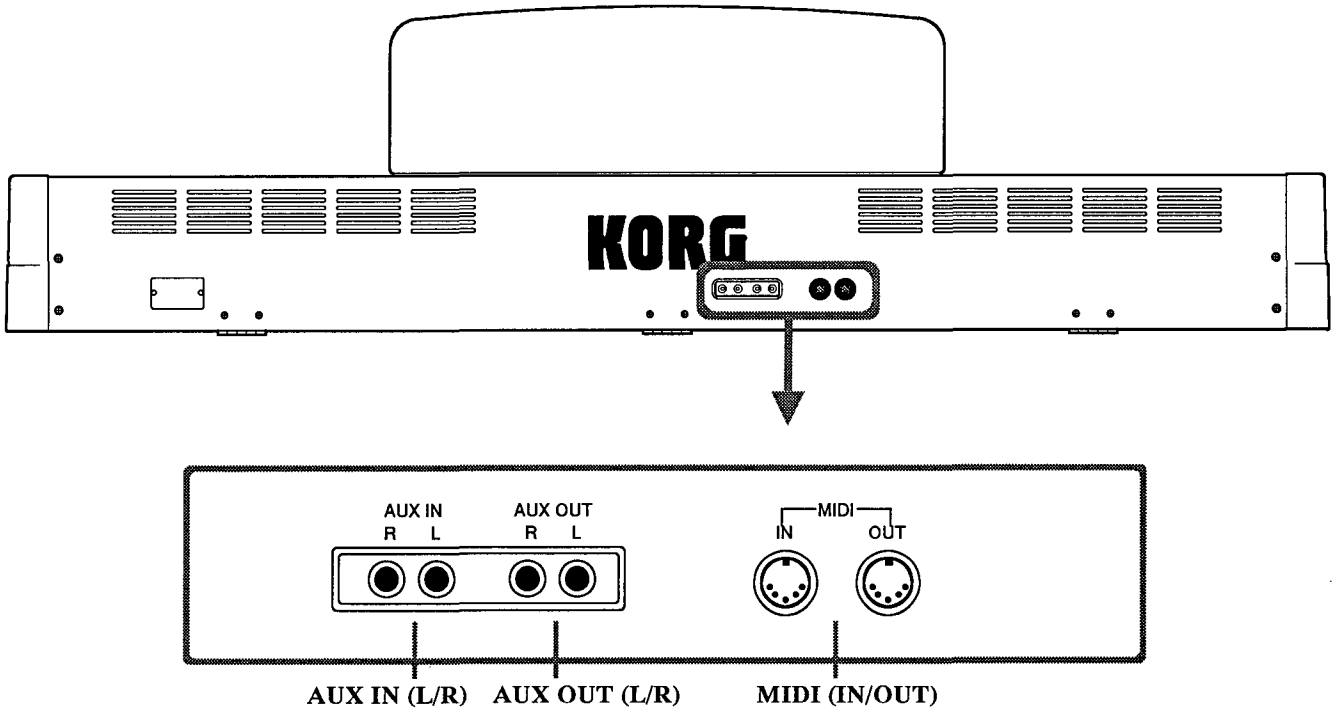
C - 26 Front Panel





* This jack is for connection of a set of stereo headphones. It allows you to play the instrument at any volume level without disturbing others; the internal speakers are turned off when headphones are connected.

C - 26 Rear Panel

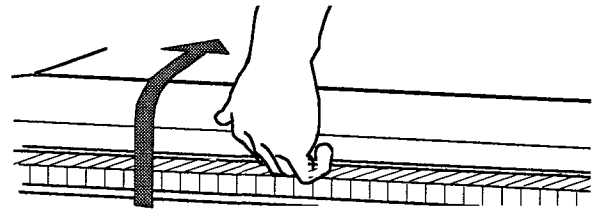


● **AUX IN (L/R):**
These RCA jacks are for connecting audio signals from synthesizers, drum machines, and other equipment to the C - 26's built - in speakers. Note: Adjust the volume of the connected instrument from that instrument's controls.

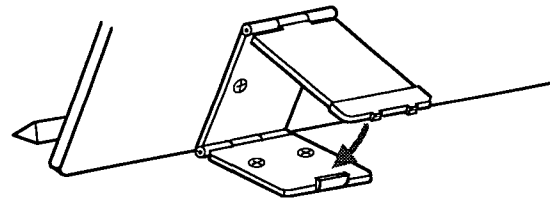
● **AUX OUT (L/R):**
These RCA jacks are for connecting the C - 26 to the AUX (or LINE) IN jacks on mixers, tape recorders, or home audio systems — for routing output to a different speaker system, for example. Note: The VOLUME slider on the front panel controls the output level.

● **MIDI (IN/OUT):**
Used for exchanging data with synthesizers, sequencers, rhythm machines, and other MIDI-compatible equipment. Use optional MIDI cables for making connections.
(see p. 17)

● **Keyboard Cover**
The keyboard cover folds down to cover the entire keyboard. To avoid damaging it and the keyboard:
Always grasp the cover in the middle when lifting. Never force the cover in or out .



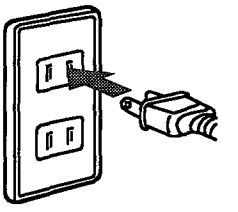
● **Music Stand**
To prop up the music stand, pull out the flaps and fit them into the holders behind the stand.



Trying Out the C-15S/C-26

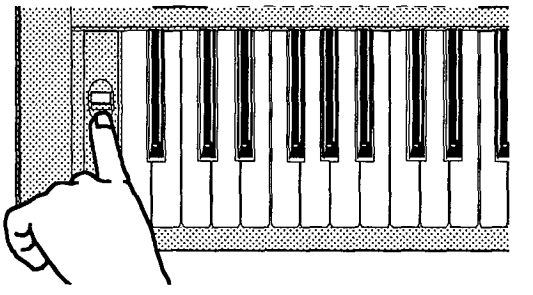
1. Plug in the unit.

Plug the AC power supply cord into an appropriate power outlet (see "Before You Begin" on P. 1).



2. Press the POWER switch and wait two seconds.

Note : When the C-15S/C-26 is turned on, it is set to the PIANO voice.

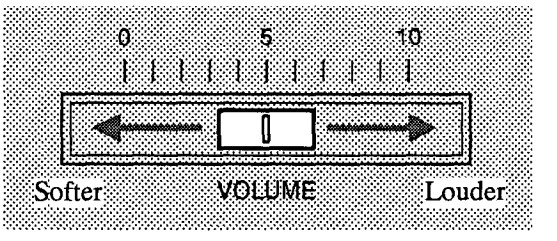


3. Adjust the volume.

Slide the volume control to the left to lower the output level, and slide it to the right to increase the output level.

Note : It is a good idea to always start with the volume at a low level and gradually increase it — especially when the C-15S/C-26 is connected to external equipment.

Note : This control determines the output level for the built-in speakers, headphone jack, and the AUX OUT jacks.

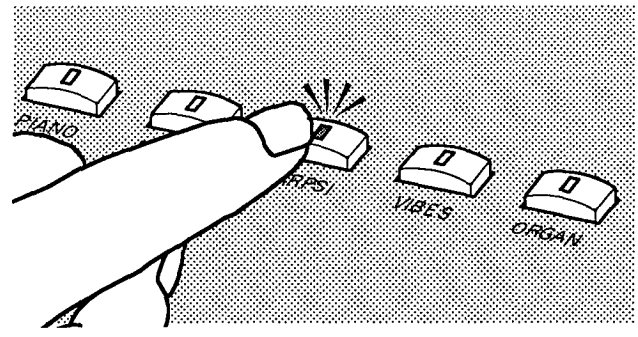


Trying Different Voices

Changing voices is as easy as pressing the VOICE SELECTOR switches.

Note : The LED indicator inside the selected switch lights up to indicate the current voice.

Note : It is also possible to use two voices at the same time.



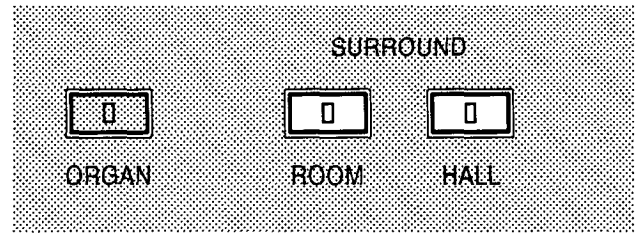
- **PIANO** : Bright acoustic grand piano.
- **E.PIANO** : Electric piano.
- **HARPSI** : Traditional harpsichord.
- **VIBES** : Jazz vibraphone.
- **ORGAN** : Pipe organ sound.

Adding Effects (C-26)

Adding, changing, and deleting effects is as easy as pressing the EFFECT SELECTOR switches.

Note: The LED indicators inside the EFFECT SELECTOR switches light to indicate which effects are on.

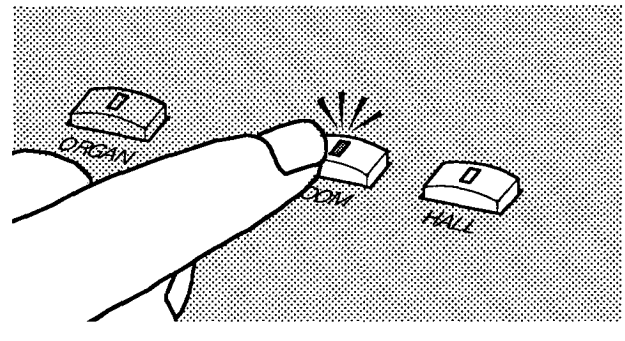
Note: The limit is one effect per group.



SURROUND

The two switches in this group add measured amounts of reverberation to simulate the ambience of different sized rooms.

- ROOM : Small room
- HALL : Large concert hall



- Pressing a switch with a lit LED indicator turns off the corresponding effect - and the effect group.

One - and Two - Voice Modes

The C - 15S/C - 26 provides a two voice mode, LAYER, which simultaneously uses two different voices at the same time:

- **SINGLE** : This, the normal performance mode, uses one sound over the entire range of the keyboard.
- **LAYER** : This mode simultaneously uses two voices over the entire range of the keyboard.

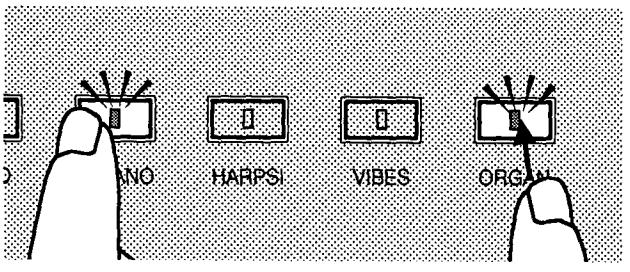
Note : Since the LAYER mode uses two voices simultaneously, a maximum of eight notes, instead of the normal sixteen, can be played at a given time.

Note : The LED indicators in the switches light to indicate which voice or voices are currently in use.

Changing Modes

- **SINGLE** : Press a VOICE SELECTOR switch and every note across the range of the keyboard will sound the selected voice (for example, PIANO).

- **LAYER** : Hold down one VOICE SELECTOR switch and press another and every note over the range of the keyboard will sound both selected voices (for example, E.PIANO and ORGAN). A maximum of eight notes can be played simultaneously.



Note : The LED indicators inside the switches light to indicate the voices selected.

Note : If necessary, press any single VOICE SELECTOR switch to change from LAYER to SINGLE mode.

Note : To change this setting, use the procedure under "Changing Voices in Two - Voice modes".

Cancelling Modes

To leave the LAYER mode, simply select a different voice.

Changing Voices in Two - Voice Modes

To change voices in the LAYER mode, select a new voice or pair of voices.

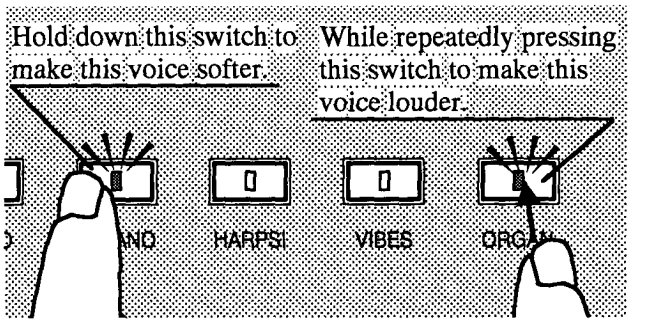
Adjusting the Relative Volume

Since the LAYER mode uses two voices, you may wish to adjust the relative loudness of the voices:

1. Switch to the LAYER mode — if not already there.
2. Hold down the VOICE SELECTOR switch corresponding to the voice that you wish to make softer.
3. Make the other voice louder by pressing the corresponding VOICE SELECTOR switch as often as necessary to achieve the desired balance.

● Volume balance resets to the original setting of the same volume when LAYER mode is cancelled.

Example : When selecting E.PIANO and ORGAN



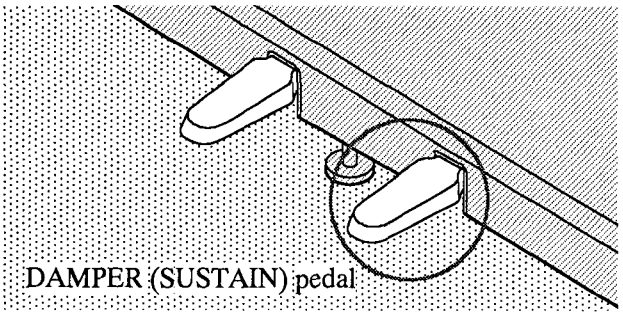
Using Pedals

Pedal Effects

The two pedals, SOFT/SOSTENUTO and DAMPER, provide three effects:

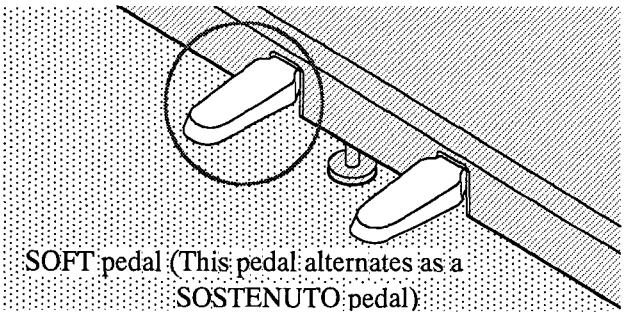
DAMPER

This pedal simulates the effect of a damper pedal on an acoustic piano. When the pedal is depressed on an acoustic piano, small felts, called dampers, are lifted from the strings. This allows all strings to vibrate, whether the key for those strings has been struck or not. When the pedal is released, strings vibrating without keys depressed are damped.


DAMPER (SUSTAIN) pedal

SOFT

This pedal simulates the effect of a soft pedal on an acoustic piano. When the pedal is depressed on an acoustic piano, the sound produced is softer, as the hammers strike one fewer string per key.


SOFT pedal (This pedal alternates as a SOSTENUTO pedal)

SOSTENUTO

This pedal simulates the effect of a sostenuto pedal on an acoustic piano. When this pedal is depressed on an acoustic piano, dampers for keys depressed when the pedal is depressed are suspended above the strings until the pedal is released. This allows certain strings to vibrate freely while other strings are struck and damped by depressing and releasing keys.

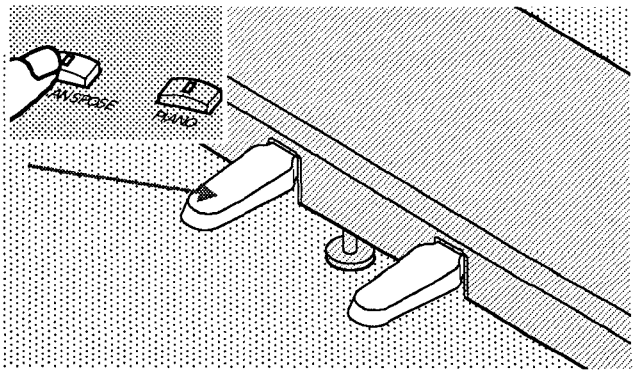
Switching between SOFT and SOSTENUTO Effects

To switch the SOFT/SOSTENUTO pedal between the two effects:

1. Hold down the MIDI/TRANSPOSE switch.

2. Press the SOFT/SOSTENUTO pedal.

Note : When the power is turned on, the SOFT/SOSTENUTO pedal functions as a SOFT pedal.

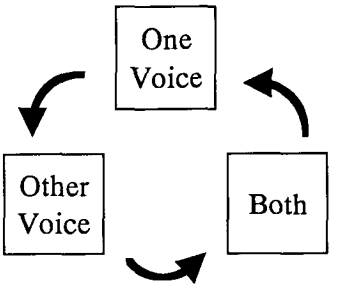


Using the Pedals with LAYER Mode

In the LAYER mode, the pedals may be used with just one voice or with both. To change between three possible pedal settings:

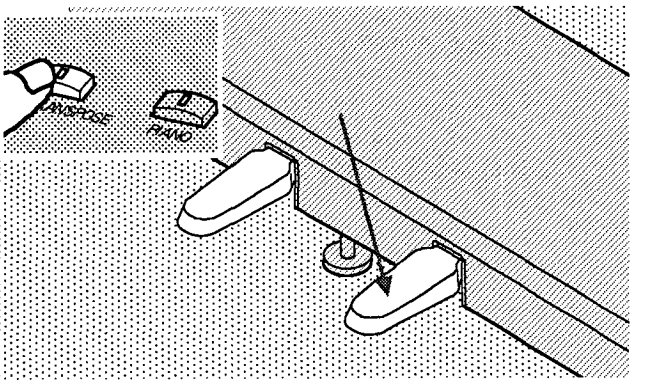
1. Hold down the MIDI/TRANSPOSE switch.
2. Press the damper pedal.

Note : The changes are cyclical (see illustration).



Note : The LED indicators in the VOICE selector switches light to indicate the voice or voices that use the pedals.

Note : The individual pedal settings for the LAYER mode remain in effect through all subsequent mode changes until you turn off the C-15S/C-26. When the C-15S/C-26 is turned on, the pedals always start with the BOTH setting for the LAYER mode.



Note : Although the pedal settings are selected with the damper pedal, the setting selected affects both pedals.

Changing Pitch : TRANSPOSE and TUNE

The TRANSPOSE function shifts the pitch of the keyboard up or down in semitones, or half-step intervals. The TUNE function moves the pitch up or down in smaller increments of pitch called cents.

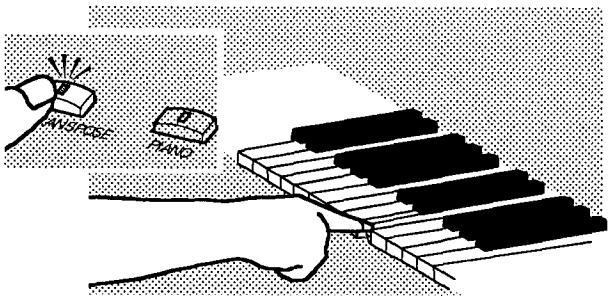
Note : When the power is turned on, the C-15S/C-26 is tuned to the standard key(C) and pitch (A4 = 440Hz).

TRANSPOSE Function

The TRANSPOSE function changes the general key of the instrument, shifting the pitch up or down in semitones. The range of transposition is up a perfect fourth (5 semitones) and down a tri-tone (6 semitones). This function eliminates the need to change fingering when changing keys — making it easy to transpose to match a vocalist's range, for example.

To transpose the keyboard:

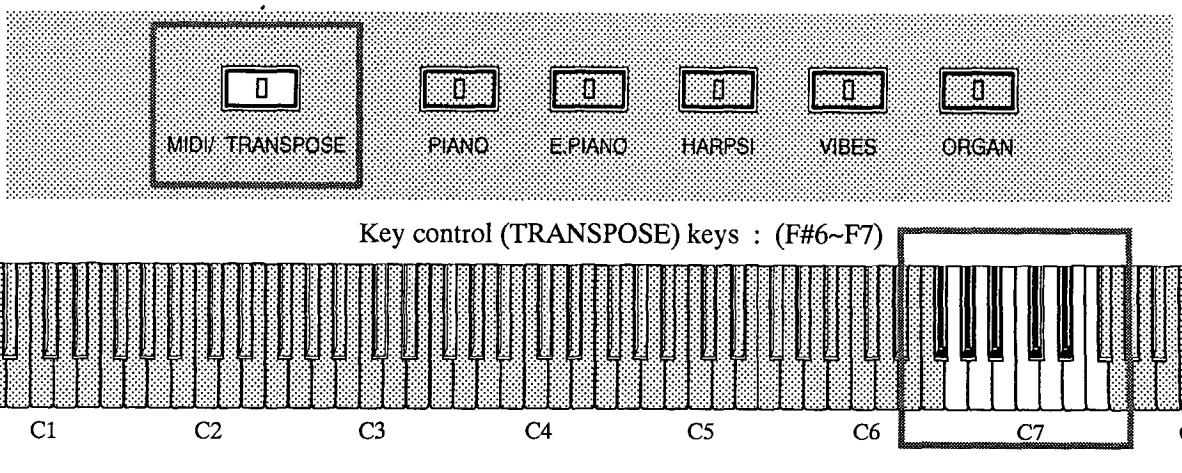
1. Hold down the MIDI/TRANSPOSE switch.
2. Press a key between F#6 and F7 to select the interval of transposition.



Note : The difference between the selected key and C7 becomes the new interval of transposition. Selecting a key below C7 transposes the key downward. Selecting a key above C7 transposes the key upward.

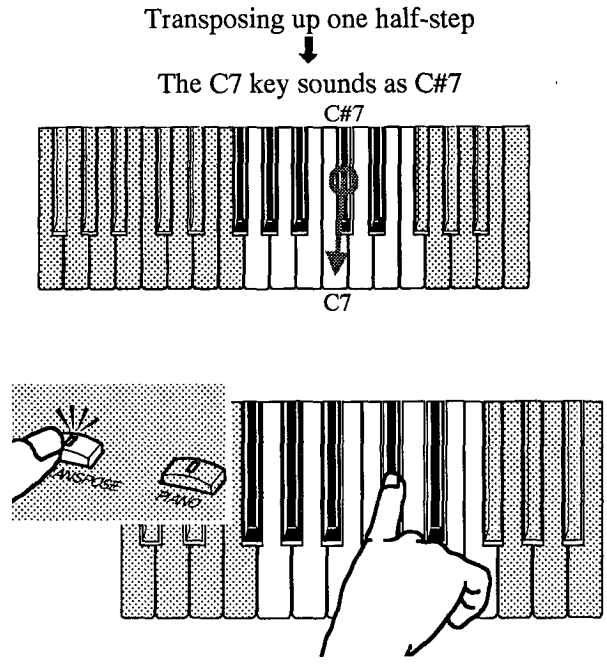
Note : The LED indicator in the MIDI/TRANSPOSE switch remains lit while the keyboard is in any key other than the original.

To **Cancel** the Transposition and restore the original key (C), just press the MIDI/TRANSPOSE switch and release.



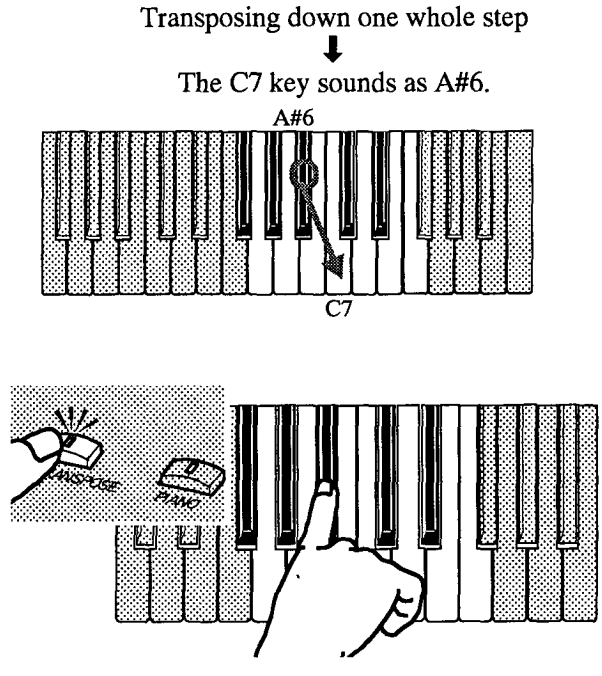
Example: Transposing up one half-step

While holding down the MIDI/TRANSPOSE switch, press C#7. This transposes the pitch of the instrument so that a piece played in the key of C will sound as if it is played in C#.



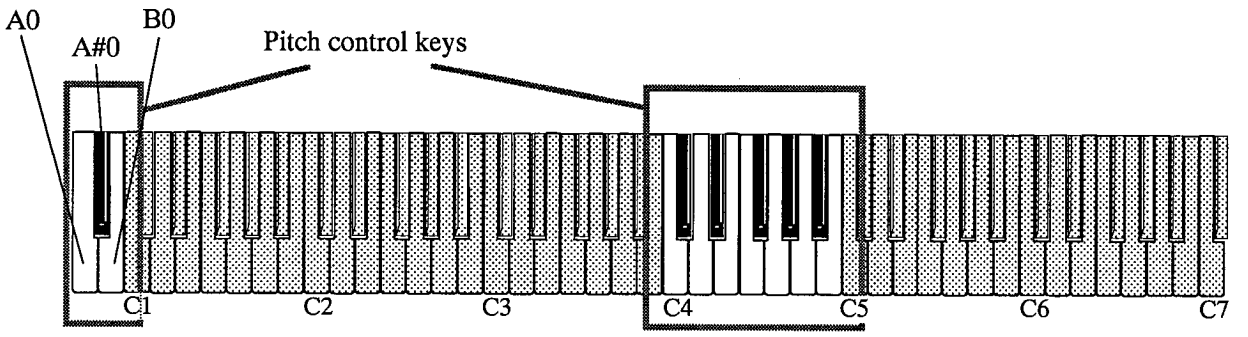
Example: Transposing down one whole-step

While holding down the MIDI/TRANSPOSE switch, press A#6. This transposes the pitch of the instrument so that a piece played in the key of G will sound as if it is played in F.



TUNE Function

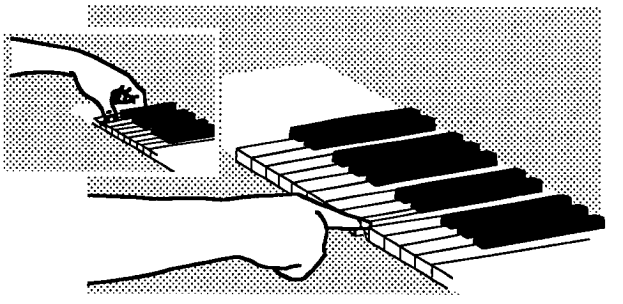
The TUNE function, which uses a much smaller increment of pitch, called cents, provides the ability to fine-tune the C-15S/C-26 to another instrument. The range is 50 cents on either side of the standard pitch.



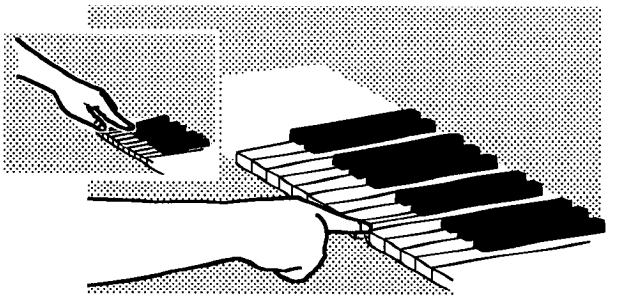
To fine-tune the keyboard:

1. Specify the tuning direction — up or down — by holding down the appropriate key combination at the lower end of the keyboard with your left hand:

   UP Lowest two white keys (A0 and B0)
   DOWN Lowest white and lowest black keys (A0 and A#0)



2. Press any key between C4 and B4 on the keyboard with your right hand to shift the pitch one step in the specified direction.



Note : One step is approximately 1 cent. The value can be changed over a range of + / — 50 cents. (1 cent is 1/100 of a semitone). The tuning will automatically return to the original setting (A4 = 440Hz) when the power is turned off.

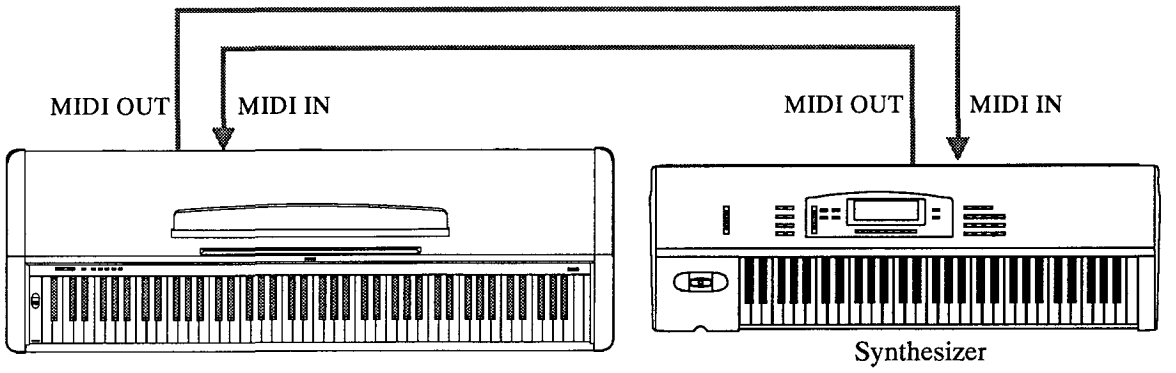
3. Repeat the above two steps as often as necessary.

Using the MIDI Functions

What is MIDI?

MIDI stands for Musical Instrument Digital Interface, an internationally recognized standard for connecting electronic musical instruments, personal computers, and other electronic equipment so that they may communicate with one another and thus work together as a single MIDI network. You may, for example, connect the C - 15S/C - 26 to a synthesizer and play both instruments together as an ensemble from a single keyboard. The discussion below describes how to use the C - 15S/C - 26's MIDI controls. For further details, consult the manuals included with your synthesizer, drum machine or other MIDI equipment or any of the fine reference materials now available.

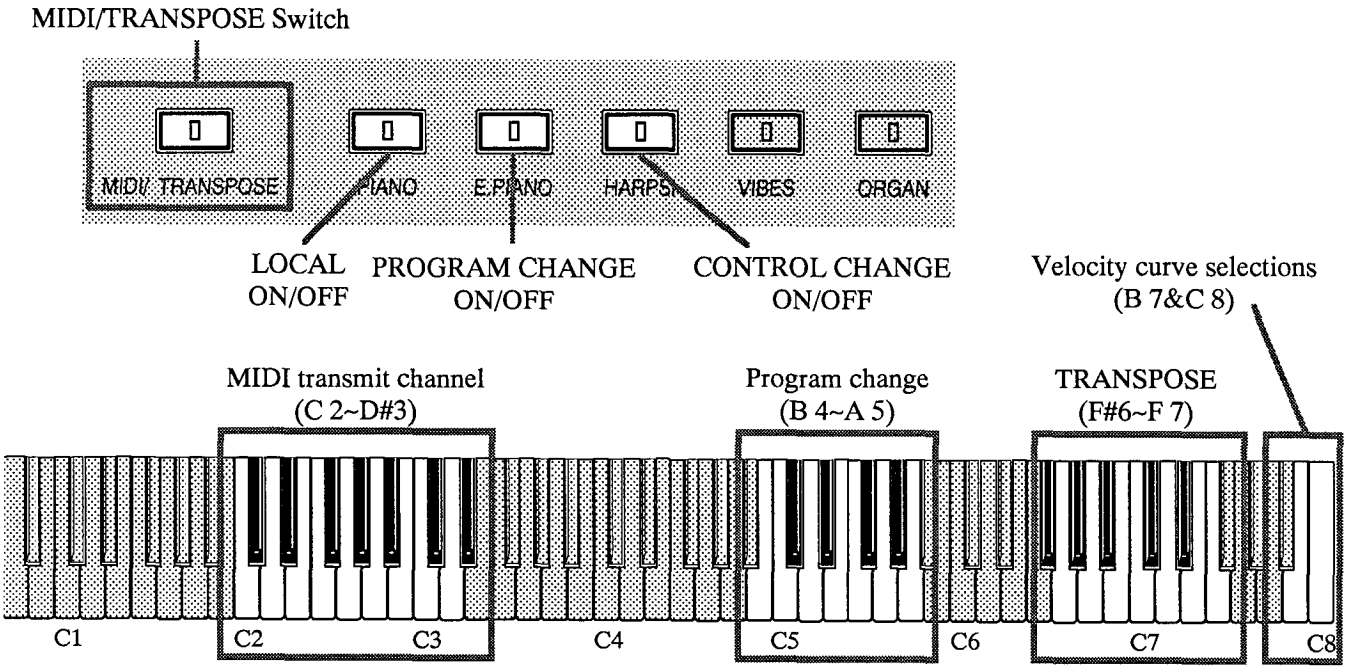
The C - 15S/C - 26 has MIDI IN and OUT terminals on the rear panel. The MIDI OUT terminal is used for sending MIDI data whereas the MIDI IN is used for receiving MIDI data from external devices.



MIDI Controls

Various MIDI functions can be selected by holding down the MIDI/TRANSPOSE switch and pressing certain VOICE SELECTOR switches and keys on the keyboard.

Note : The current MIDI settings are displayed by the LED indicators.
These settings are in effect when the C - 15S/C - 26 is turned on.



MIDI Default Values

When the power is turned on, the C - 15S/C - 26 defaults to the following MIDI settings.

MIDI transmission channel 1
MIDI receiving channel ..... 1 (see "MIDI MULTI Function" below)
LOCAL ..... ON
PROGRAM CHANGE ..... ON
CONTROL CHANGE ..... ON

1. Changing the MIDI Transmit Channel

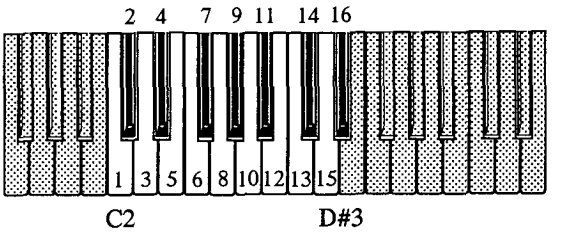
The MIDI standard provides 16 separate channels for the transmission of performance data. MIDI master keyboards (controllers) can therefore control up to 16 individual slaves (or groups of slaves acting in unison) by sending channel messages. Performance data messages always include a channel number. Each device on the network reads all messages, but only responds to messages that match the connected instrument's MIDI receive channel.

Note : There are also system messages, which have no channel numbers because they are intended for all devices. The most important are the timing messages that synchronize networks.

● To change the MIDI transmit channel, hold down the MIDI/TRANSPOSE switch and press the appropriate key between C2 and D#3(see Figure).

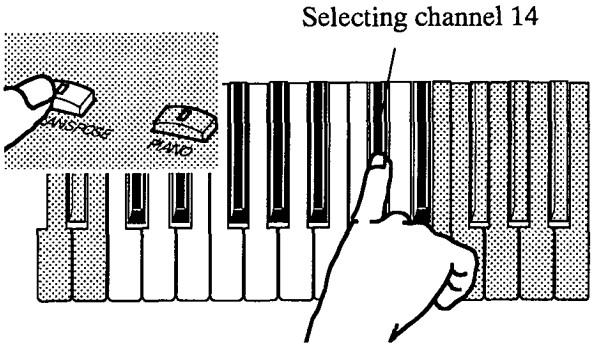
Note : When the power is turned on, the C - 15S/C - 26 is set up to transmit on channel 1.

MIDI transmit channel



Note : Sequencers and other MIDI recording devices also have an OMNI mode which allows them to simultaneously receive performance data on all channels.

Example: Changing to MIDI channel 14.



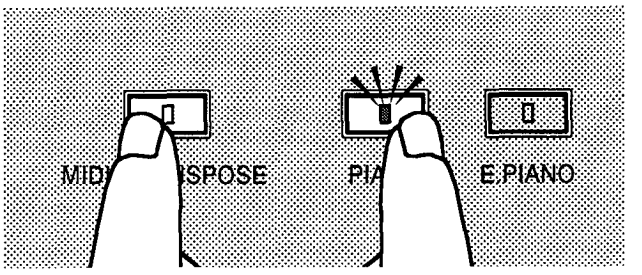
Transmitting channel is 14 and receiving channels are 14, 15 and 16 (see MIDI Multi function).

2. Changing the LOCAL ON/OFF Setting

The LOCAL ON/OFF setting allows you to use the C - 15S/C - 26 as a "silent" MIDI controller. When LOCAL is set to OFF, the C - 15S/C - 26's internal voices will not sound, and only the sounds of the connected MIDI devices will be heard.

● To change the setting, hold down the MIDI/ TRANSPOSE switch and press the PIANO switch.

LED off : LOCAL ON
LED on : LOCAL OFF



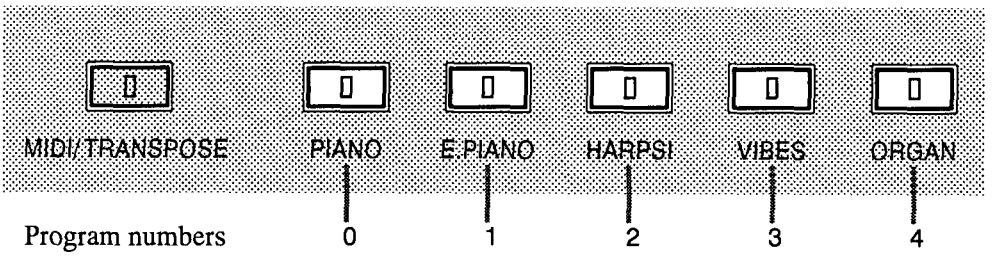
Note : When the power is turned on, the C - 15S/C - 26 defaults to LOCAL Mode ON.

3. Sending a PROGRAM CHANGE Request

A PROGRAM CHANGE request is a channel message that asks devices on that channel to change the sound that they are playing.

Note : The definition of "program" varies widely between MIDI devices. To verify terminology, consult the manual for the device being controlled.

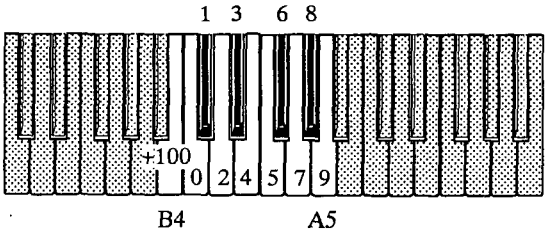
● Pressing a VOICE SELECTOR switch transmits a Program Change message. The program number can be selected from the VOICE SELECTOR switches as shown below.



To transmit program number using the keyboard:

Most synthesizers offer more than 5 programs, so it becomes necessary to use the PROGRAM CHANGE zone of the keyboard to specify the new program number.
The C-15S/C-26 transmits program numbers from 0 to 127.

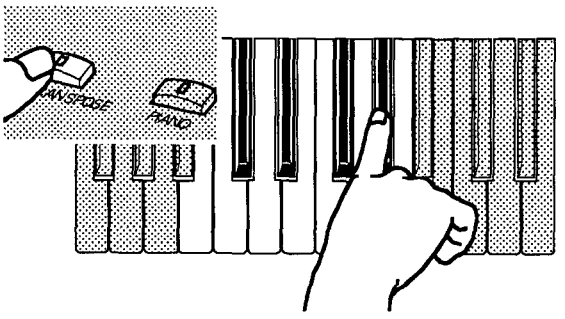
MIDI PROGRAM CHANGE



1. Hold down the MIDI/TRANSPOSE switch.
2. If the number is greater than 99, press the "100" key (B4).

Note : The highest possible program number is 127.

3. Specify the two digits with the keys C5 through A5.



Examples:

Program #0			0	0
Program #1			0	1
Program #99			9	9
Program #100	+ 100	,	0	0
Program #101	+ 100	,	0	1
Program #127	+ 100	,	2	7

Note : The above procedure always transmits a PROGRAM CHANGE request — regardless of the PROGRAM CHANGE CANCEL setting (see "Inhibiting PROGRAM CHANGE Requests" below).

PROGRAM CHANGE Requests: LAYER Mode

- Changing to LAYER Mode or changing voices within that mode (see P.10). transmits a PROGRAM CHANGE request for only the second VOICE SELECTOR switch pressed.

- A PROGRAM CHANGE request from another MIDI device affects only the voice whose VOICE SELECTOR switch appears first on the panel (when reading from the left).

Note : Requests for program numbers outside the C - 15S/C - 26's range (0 — 4) are ignored.

Inhibiting PROGRAM CHANGE Requests

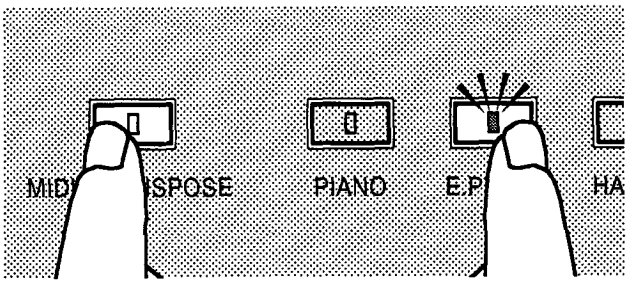
When the PROGRAM CHANGE function is set to OFF, all incoming and outgoing PROGRAM CHANGE messages are ignored.

Note : This function does not affect selection of internal voices from the front panel VOICE SELECTOR switches.

To switch the function on and off, hold down the MIDI/TRANSPOSE switch and press the E.PIANO switch.

LED indicator off: PROGRAM CHANGE ON
LED indicator on : PROGRAM CHANGE OFF

Note : When the power is turned on, the C - 15S/C - 26 always starts with the PROGRAM CHANGE function ON.

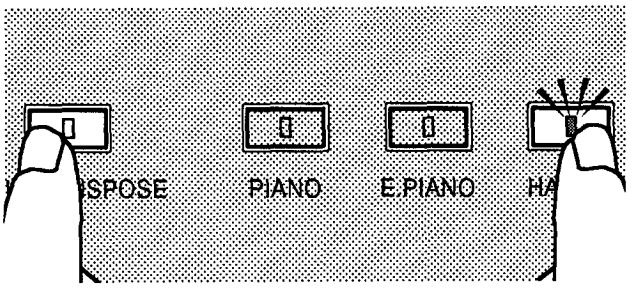


4. Inhibiting CONTROL CHANGE Requests

When the CONTROL CHANGE function is set to OFF, all incoming and outgoing CONTROL CHANGE messages are ignored, including those generated by the pedals.

To switch the function on or off, hold down the MIDI/TRANSPOSE switch and press the HARPSI switch.

LED indicator off: CONTROL CHANGE ON
LED indicator on : CONTROL CHANGE OFF

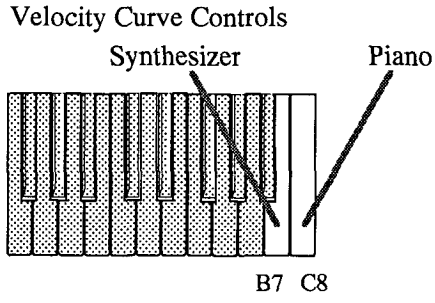


- Do not press down the pedal when executing control changes.

Note : External control changes are effective for both voices in the LAYER mode regardless of the individual internal pedal settings (Refer to the section "Using the Pedals with LAYER Mode").

5. Changing the MIDI Velocity Curve

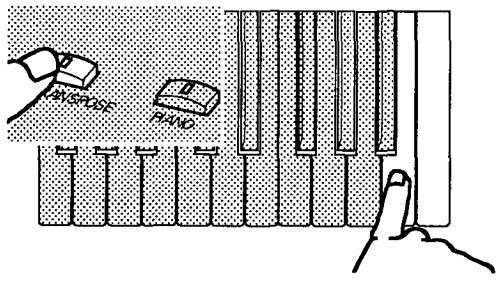
Velocity curves determine how the volume and tone respond to velocity, the speed at which the keys are struck. Since the piano has a curve much different from other instruments, the C-15S/C-26 offers a choice of two curves for MIDI output.



Piano : Curve duplicating that of an acoustic piano

Synthesizer : Curve for other instruments or other MIDI sound sources, like synthesizers and tone modules.

Note : This setting affects other MIDI sound sources, not the C-15S/C-26's internal sound source. The C-15S/C-26 always uses a preset velocity curve for its internal voices.



● To change the MIDI velocity curve, hold down the MIDI/TRANSPOSE switch and press the appropriate key at the right end of the keyboard:

B7 : Synthesizer-like velocity curve
C8 : Piano-like velocity curve

Note : When the power is turned on, the C-15S/C-26 is set to the piano-like velocity curve.

MIDI MULTI Function

The LAYER mode allows you to use two different voices at the same time. However, the MIDI MULTI function allows you to control more of the C-15S/C-26's internal voices from external MIDI devices, such as sequencers and other MIDI recorders.

Note : The piano gives higher precedence to the notes played first — that is, it ignores additional notes until the older ones are released. In contrast, most synthesizers drop older notes in favor of newer ones.

- The maximum number of received channels is 6, including a channel for the C-15S/C-26's internal voice selected on the front panel. When the power is turned on, the C-15S/C-26 always begins with the following voice assignments for each channel:

CHANNEL	1	2	3	4	5	6
VOICE	Front panel setting	PIANO	E.PIANO	HARPSI	VIBES	ORGAN

- The receive channel for the panel voice can be changed by re-selecting its MIDI channel (refer to "1. Changing the MIDI Transmit Channel"). When selecting a new MIDI channel, all other voices will be assigned to the rest of the MIDI channel numbers in increasing order.

When selecting Channel 3 :

CHANNEL	3	4	5	6	7	8
VOICE	Front panel setting	PIANO	E.PIANO	HARPSI	VIBES	ORGAN

When selecting Channel 14 :

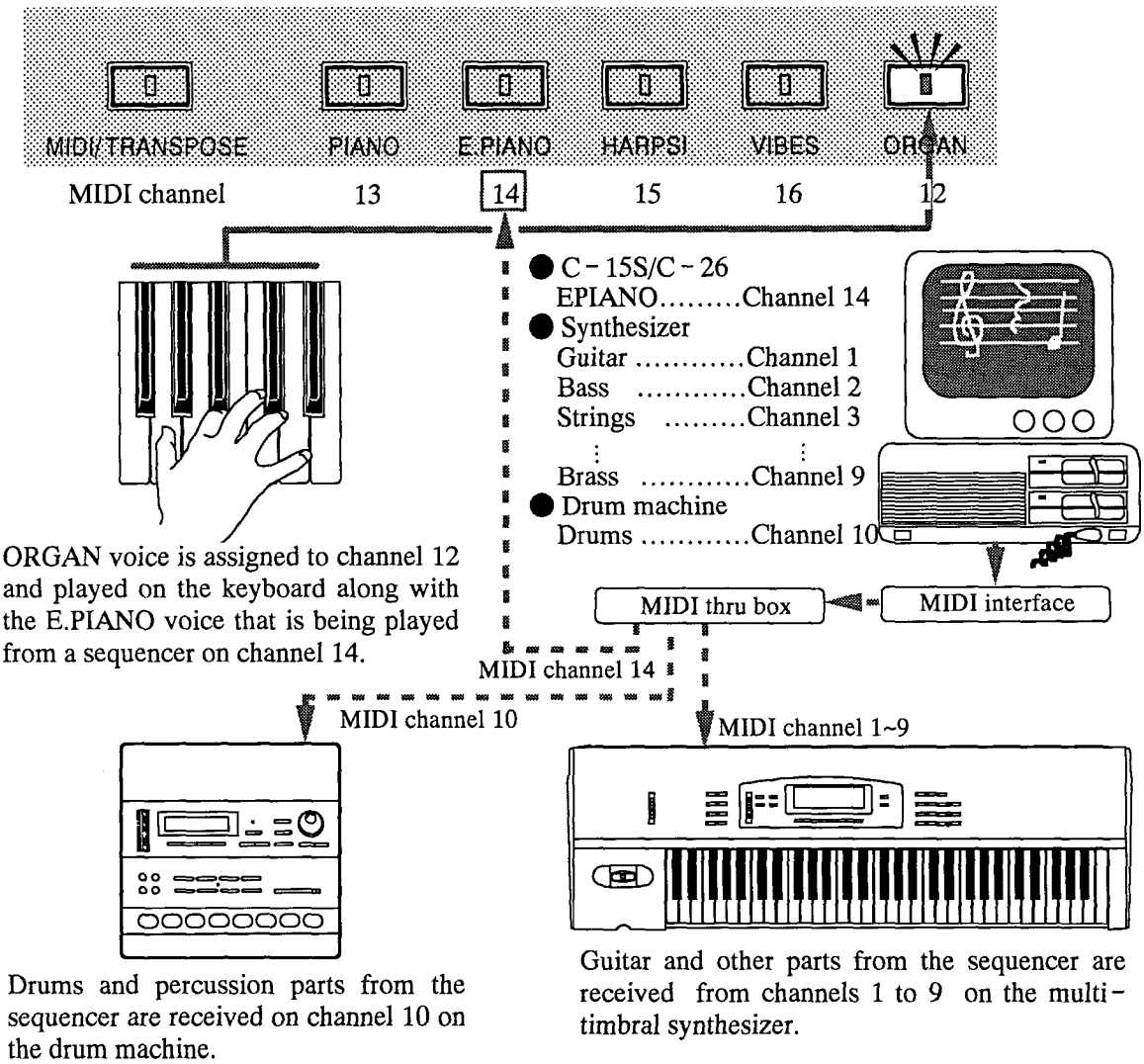
CHANNEL	14	15	16			
VOICE	Front panel setting	PIANO	E.PIANO			

- When Channel 16 is selected, for example, only the voice selected on the front panel will sound — other voices will be ignored.

When selecting Channel 16 :

CHANNEL	16					
VOICE	Front panel setting					

Example of MIDI MULTI function



Connect the piano with synthesizer, drum machine, sequencer or other MIDI devices that are capable of sending data on different MIDI channels.

As in the illustration, you can play the ORGAN voice on the C-15S/C-26's keyboard along with the E.PIANO voice that is being played by the sequencer. Additional parts can be played with drum voices on a drum machine and voices on a multi-timbral synthesizer by assigning different MIDI channels to different voices.

Select the appropriate MIDI channel numbers for each of the voices. In this example, the C-15S/C-26's keyboard is assigned to MIDI channel 12. MIDI channels 1 - 9 are assigned for guitar, bass, organ, brass and other voices on the synthesizer.

Channel 10 is assigned for drums and percussion voices on the drum machine.

- The voice for each channel can be changed by sending program change data.
- Each channel operates independently not only for note and voice messages, but also for CONTROL CHANGE messages as well, such as pedal movements.
- The total number of notes sounding on the C-15S/C-26 at any given time is the total number of sound sources (16) available on the C-15S/C-26. Therefor, up to 16 notes can be played altogether (which includes the notes you play on the C-15S/C-26's keyboard as well as the notes played from the external sequencer), regardless of the number of voices you select to play.

MIDI Implementation

1.TRANSMITTED DATA

1-1 CHANNEL MESSAGES

Status	Second	Third	Description	ENA
1000 nnnn	0kkk kkkk	0100 0000	Note Off kkk kkkk=15~113	A
1001 nnnn	0kkk kkkk	0vvv vvvv	Note On kkk kkkk=15~113 vvv vvvv=1~127	A
1011 nnnn	0100 0000	0000 0000	Damper Off(Damper Pedal)	C
1011 nnnn	0100 0000	0111 1111	Damper On(Damper Pedal)	C
1011 nnnn	0101 0010	0000 0000	Sostenuto Off(Sostenuto Pedal)	C
1011 nnnn	0101 0010	0111 1111	Sostenuto On(Sostenuto Pedal)	C
1011 nnnn	0101 0011	0000 0000	Soft Off(Soft Pedal)	C
1011 nnnn	0101 0011	0111 1111	Soft On(Soft Pedal)	C
1100 nnnn	0ppp pppp	---- ----	Program Change ppp pppp=0~127	P*

nnnn : MIDI Channel No.(0~15)Usually Global Channel.

ENA=A : Always Enabled
C : Enabled when Control Filter is ENA
P : Enabled when Program Filter is ENA
*Program change is transmitted through keyboard, regardless of ENABLE/CANCEL.

1-2 SYSTEM REALTIME MESSAGES

Status	Description
1111 1110	Active Sensing

2.RECOGNIZED RECEIVE DATA

2-1 CHANNEL MESSAGES

Status	Second	Third	Description	ENA
1000 nnnn	0kkk kkkk	0xxx xxxx	Note Off	A
1001 nnnn	0kkk kkkk	0000 0000	Note Off (kkk kkkk=0 – 127)	A
1001 nnnn	0kkk kkkk	0vvv vvvv	Note On	A
			vvv vvvv=1~127	
1011 nnnn	0100 0000	00xx xxxx	Damper Off	C
1011 nnnn	0100 0000	01xx xxxx	Damper On	C
1011 nnnn	0100 0010	00xx xxxx	Sostenuto Off	C
1011 nnnn	0100 0010	01xx xxxx	Sostenuto On	C
1011 nnnn	0100 0011	00xx xxxx	Soft Off	C
1011 nnnn	0100 0011	01xx xxxx	Soft On	C
1011 nnnn	0111 1010	0000 0000	Local Control Off	A
1011 nnnn	0111 1010	0111 1111	Local Control On	A
1011 nnnn	0111 1011	0000 0000	All Notes Off	A
1011 nnnn	0111 110x	0000 0000	(All Notes Off)	A
1011 nnnn	0111 1110	000m mmmm	(All Notes Off)	A
			m mmmm=0~16	
1011 nnnn	0111 1111	0000 0000	(All Notes Off)	A
1100 nnnn	0000 0ppp	---- ----	Program Change	P
			ppp=0~4	

x : Random

ENA ..... Same as TRANSMITTED DATA

2-2 SYSTEM REALTIME MESSAGES

Status	Description
1111 1110	Active sensing

C - 15S/C - 26 MIDI Implementation Chart

Function			Transmitted	Recognized	Remarks
Basic	Default		1		
Channel	Changed		1 – 16	1 – 16	
	Default		×	3	
Mode	Messages		×	×	
	Altered		********		
Note			15 – 113	0 – 127	
Number:	True voice		********	21 – 108	
Velocity	Note ON		1 – 127	1 – 127	
	Note OFF		×	×	
After	Key's		×	×	
Touch	Channel's		×	×	
Pitch Bender			×	×	
Control		64	○	○	Damper Pedal *1
		66	○	○	Sostenuto Pedal *1
Change		67	○	○	Soft Pedal *1
Prog			0 – 127	0 – 4	*2
Change:	True #		********	0 – 4	
System Exclusive			×	×	
System	: Song Pos		×	×	
Common	: Song Sel		×	×	
	: Tune		×	×	
System	: Clock		×	×	
Real Time	: Commands		×	×	
	: Local ON/OFF		×	○	
Aux	: All Notes OFF		×	○ 123 – 127	
Messages	: Active Sense		○	○	
	: Reset		×	×	

Notes *1 Receive if CONTROL CHANGE set to ENABLE.

*2 Transmit/receive if PROGRAM CHANGE set to ENABLE.
Program change is transmitted through keyboard, regardless of ENABLE/CANCEL.

Mode 1 : OMNI ON, POLY　　Mode 2 : OMNI ON, MONO　　○ :Yes

Mode 3 : OMNI OFF, POLY　　Mode 4 : OMNI OFF, MONO　　× :No

Trouble Shooting

If the following problems develop during normal operation of the C－15S/C－26, follow the suggestions below and check the unit to identify and correct the problem. If the C－15S/C－26 still does not function properly, consult your dealer or a KORG service center.

The unit does not turn on.	➡	Check if the AC supply cord is properly plugged into a power outlet.
No sound	➡	①Check if the master volume is 0. If so, raise the volume to the appropriate level. ②Check if LOCAL is set to OFF in MIDI mode. If so, set LOCAL to ON. ③Check to see if a headset is plugged into the unit. If so, unplug the headset.

Specifications

	C－15S	C－26
Keyboard	88 keys (A0 － C8)	
Voice	Piano, Electric Piano, Harpsichord, Vibes, Organ	
Polyphony	16 Note	
Effects	—	Surround (Room, Hall)
Keyboard Mode	Single, Layer (MIDI Multi)	
Controls	Volume, Power, Key Transpose, Pitch	
Pedal Controls	Damper, Soft/Sostenuto	
Connections	HEADPHONES, AUX IN (L, R), AUX OUT (L, R), MIDI IN • OUT	
Main Amplifier	30 W × 2	
Speakers	16 cm (6") × 2	
Power Supply	AC, Local Voltage	
Power	45 W	
Color and Grain	Black Walnut	
Dimensions	1382 × 456.5 × 815 mm (54 -7/16"× 18"× 32-1/8")	1382 × 456.5 × 818.5 mm (54 -7/16"× 18"× 32-1/4")
Weight	45.6 kg (100 lbs 5 oz)	48.8 kg (100 lbs 6 oz)
Accessories	Music Stand	Music Stand, Key Cover

Note: Design and specifications are subject to change without prior notice.

C-15S/C-26 Owner's Manual

NOTICE

KORG products are manufactured under strict specifications and voltages required by each country. These products are warranted by the KORG distributor only in each country. Any KORG product not sold with a warranty card or carrying a serial number disqualifies the product sold from the manufacturer's/distributor's warranty and liability. This requirement is for your own protection and safety.

KORG

KORG INC.
15-12, Shimotakaido 1-chome, Suginami-ku, Tokyo, Japan.

0412 GH *PRINTED IN JAPAN*

KORG ⓔ ①