



 Roland®

Digital Piano

HP 135

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIIR		
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.		



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 (servicing) instructions in the literature accompanying the product.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE 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 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.
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 operating 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 liquid has been spilled onto 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.

For the USA

This product may be equipped with a polarized line plug (one blade wider than the other) . This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.

For Canada

For Polarized Line Plug

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.

For the U.K.

IMPORTANT: THE WIRES IN THIS 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.

Roland

Digital Piano

HP 135

OWNER'S MANUAL

Thank you, and congratulations on your choice of the Roland HP-135 Digital Piano. Thanks to its use of Advanced SA Process digital sound sources, the HP-135 faithfully recreates the powerful lows and sparkling highs of a concert grand piano. Moreover, it comes equipped with a keyboard that is a delight to play — one which responds to every playing dynamic. And because the instrument's sound sources are digital, the piano will never need tuning to retain its sound quality. For these and many other reasons, you will now be able to enjoy everything you would expect from a traditional piano — all within a user-friendly, compact package that more readily fits into a modern lifestyle. In order to take full advantage of the HP-135's numerous features, and to enjoy years of trouble-free service, please take the time to read through this manual.

Features

- **Six Different Sounds <Page 6>**
The selection of sounds, beginning with a luxurious grand piano, allows you to play music in virtually any style.
- **A Dual Function <Page 6>**
Any two Voices can be combined (layered) and played together.
- **Digital Effects <Page 7>**
Your new piano comes equipped with two digital effects: Chorus and Reverb.
- **A "Recorder" <Page 8>**
An easy-to-operate Recorder allows you to record and play back the music you create.
- **A Key Touch Function <Page 10>**
Three 'Touch' levels are available, allowing the player to adjust the keyboard feel to suit personal preferences.
- **A Damper Pedal <Page 9>**
When the Damper pedal is depressed, the HP-135 provides a realistic simulation of "sympathetic resonance." This effect occurs when strings (on an acoustic piano) adjacent to the notes played also resonate, creating much richer, expansive sonorities.
- **Exclusive "Passive reflection speaker system"**
Positioning the HP-135 close to the wall, the rear "Passive Holes" provide a sound reinforcement of the "Mid-High" frequencies, reflecting the sound through the wall surface. This system guarantees an extremely wide and natural sound effect.
- **Tuning Functions**
Even though there is no need to tune an electric piano at regular intervals, or after it has been moved, the instrument allows for the creative use of alternate tunings.
 - **Master Tuning <Page 6>**
The overall pitch of the piano can be changed to match the pitch of other musical instruments.
- **MIDI Capability <from Page 10>**
The instrument also provides for use of MIDI, the interface standard designed to provide for the transfer of performance information among electronic musical instruments and computers.

About the Advanced SA Sound Sources

The sounds produced by this instrument are created using the "Advanced SA Process," which represents a pooling of the best leading-edge digital technology by Roland. The ASA process, developed as a natural extension of the original SA process, involved a series of efforts: first, an analysis of the essential properties of sound as generated by musical instruments, then an extraction, and finally a re-synthesis designed to facilitate the expressive needs of musicians. The result is a sound generation method which provides very finely textured and realistic sounds.

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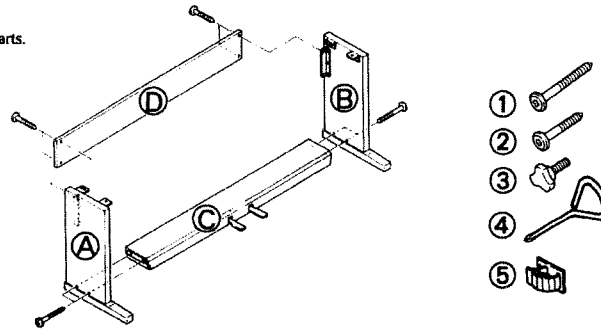
Assembling the KS-135 Stand for the HP-135

Thank you for purchasing the Roland piano stand.
To ensure long and trouble-free use, please read this instruction sheet carefully before assembly.

Check the parts

Ⓞ Before you begin assembly, check that you have all the parts.

- Ⓐ Side board (left) 1
- Ⓑ Side board (right) 1
- Ⓒ Pedal board 1
- Ⓓ Center board 1
- ① Long screws (M8 x 54 mm) 4
- ② Short screws (M4 x 27 mm) 4
- ③ Knob bolts 2
- ④ Plus screwdriver 1
- ⑤ Cable clamps 2



Assembly procedure

1 Attach the side boards (left and right) to the pedal board.

☆ Extend the pedal cable out from the pedal board.
(Note) Be sure that the side boards are oriented correctly: the metal fittings are on the inside.

The metal fittings on the inside.

Pedal cable

① Use the long screws (M8 x 54 mm) to fasten the side boards to the pedal board. (use two screws for each side.)

2 Attach the center board.

② Use the short screws (M4 x 27 mm) to attach the center board to the side boards. (use two screws for each side.)

3 Attach the piano to the stand.

(Note) When placing the piano on the stand, be careful not to pinch your fingers. (Avoid holding the ends of the piano.)

③ Align the screws (one on each side) located on the bottom of the piano with the slots in the metal fittings on the side boards. Slide the piano so the screws slide into the slots.

④ Lift up the piano and use the two knob bolts to fasten the piano to the stand. (One screw each side on the left and right.)

These knobs are to be tightened only when the instrument is in the right and final position. Be careful! When moving the instrument, do not draw it on the floor.

4 Fasten the pedal cable with the cable clamps, and plug in the power cable and pedal cable.

⑤ Affix the cable clamps on the back left side of the stand. Fasten the pedal cable with the cable clamps.

⑥ Insert the pedal cable into the pedal jack on the back panel of the piano.

⑦ Connect the power cable into the AC inlet on the back panel of the piano. The power cable is included with the piano.

5 Adjust the adjusting bolt

☆ When you finish assembling the stand, rotate the adjusting bolt until it touches the floor.

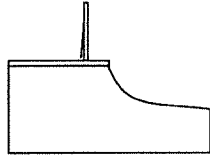
(Note) If the piano is placed on carpeting, rotate the adjustment bolt little more.

(Note) When placing the piano in its location, be careful not to pinch the power cable underneath the piano.

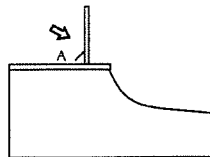
⑧ Rotate the adjusting bolt until it touches the floor.

Setting Up the Music Rest

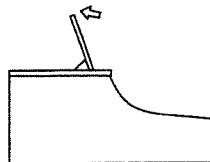
1. Move the Music Stand into the upright position.



2. Move the legs at right and left (A) out into the proper position.



3. Lean the stand backward slightly until it is positioned firmly in place against the instrument.



- * To fold down the Music Stand, first move (A) back into their original positions, then lower the stand. Be careful not to get your fingers caught.**

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Important Notes

In addition to the items listed under Safety Precautions on page 16, please read and adhere to the following:

Power Supply

- When making any connections with other devices, always turn off the power to all equipment first; this will help prevent damage or malfunction.
- Do not use this unit on the same power circuit with any device that will generate line noise, such as a motor or variable lighting system.

Placement

- Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high vibration levels.
- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- Make sure you always have the instrument placed so it is level and sure to remain stable. Otherwise, if played while tilted, you risk causing damage to the keyboard as a result of the unnatural degree of force that might be applied to certain parts of it.

Maintenance

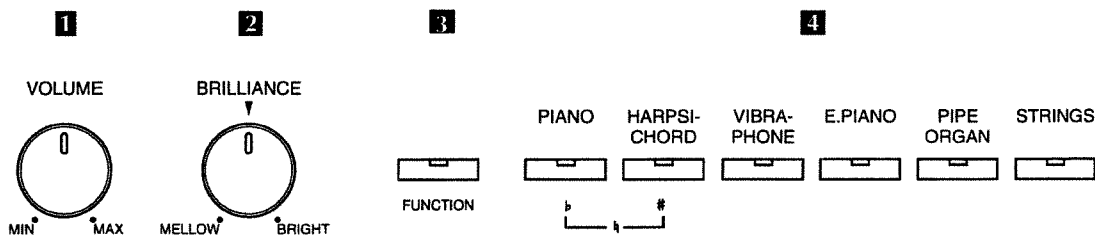
- For everyday cleaning wipe the unit with a soft, dry cloth (or one that has been slightly dampened with water). To remove stubborn dirt, use a mild neutral detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the risk of discoloration and/or deformation.

Additional Precautions

- Protect the unit from strong impact.
- Do not allow objects or liquids of any kind to penetrate the unit. In the event of such an occurrence, discontinue use immediately. Contact qualified service personnel as soon as possible.

Panel Description

Front Panel



1 VOLUME Knob

At "MAX" the volume will be greatest.

2 BRILLIANCE Knob

The sound becomes brighter as the knob is turned toward BRIGHT.

3 FUNCTION Button

The FUNCTION button, when used in combination with other buttons, is used to perform the following procedures:

- Playing the demo songs (p. 8)
- Transposing to other keys (p. 9)
- Assigning pedal functions (p. 9)
- Setting the MIDI Transmit/Receive Channels (p. 11)
- Setting Omni ON or OFF (p. 11)
- Setting Local ON or OFF (p. 11)
- Setting the Multi-Timbral mode (p. 12)
- Setting the MIDI mode (p. 12)
- Transmission/Reception of Program Change Messages (p. 13)

4 Voice Buttons

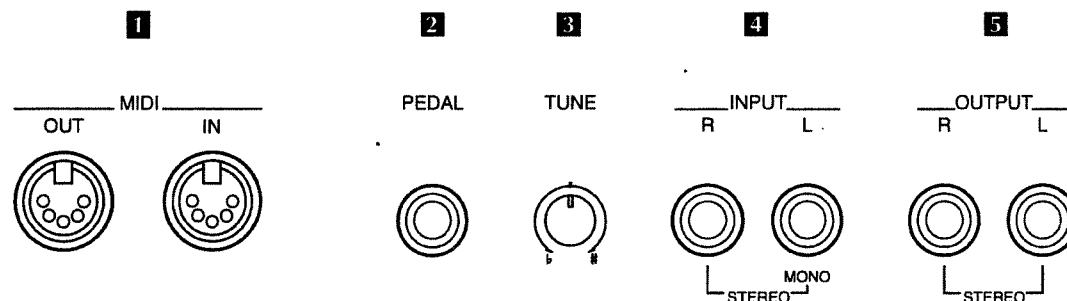
Use these buttons to select the sound you want.

PIANO	A rich concert grand piano sound.
HARPSICHORD	A distinctively sensitive and refined harpsichord sound.
VIBRAPHONE	The sound of a large vibraphone.
E. PIANO	Provides the timbre of a luminous, transparent electric piano.
PIPE ORGAN	A Cathedral pipe organ
STRINGS	The sound of a delightful string ensemble.

Press any two Voice buttons simultaneously to have those two sounds combined and played together. (This is known as the DUAL function.)

* The Chorus setting that will apply to the sounds in a layered pair will be the setting made for the Voice button on the left.

Rear Panel



1 MIDI Connectors

Accept the MIDI cables used to connect external electronic instruments.

2 PEDAL Jack

This is where you'll connect the supplied pedals.

3 TUNE Knob

Allows the overall pitch to be adjusted. With the knob at its center position, the center A key (*la*) on the keyboard will have a frequency of 440 Hz.

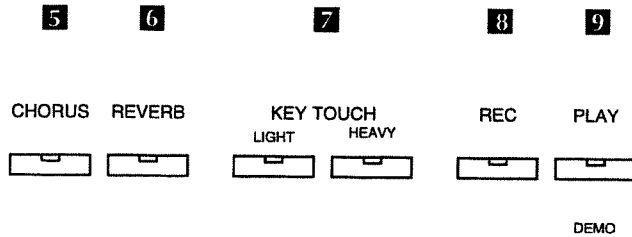
Move the knob in the direction of "#" to raise the pitch, and toward "b" to lower it. By rotating the knob to either extreme, you obtain a change of 50 cents (1/2 semitone).

4 INPUT Jacks

Accept input of audio signals from some other unit (CD player, cassette deck etc.) that you wish to hear through the HP-135's speakers.

5 OUTPUT Jacks

Provide output of sound produced by the HP-135.



5 CHORUS Button

Press the CHORUS button (its indicator will light) to add minute pulsations to the sounds you play, and make them seem fatter and more expansive. You can select from six Chorus Depth levels. (p. 10)

* Chorus On/Off setting can be set individually for each Voice.

Hold down a Voice button while you press the CHORUS button to store the setting (ON /OFF) along with that Voice.

6 REVERB Button

Press the REVERB button (its indicator will light) to add reverberation (spacious ambiance) to the sound. You can select from six Reverb Depth levels. (p. 10)

* Reverb On/Off cannot be set individually for each Voice.

7 KEYTOUCH Button

Allows you to adjust the keyboard's sensitivity. (p. 10)

8 REC Button

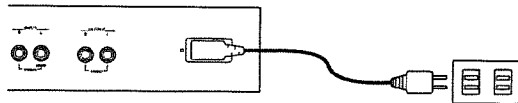
Allows you to record your performances. (p. 8)

9 PLAY Button

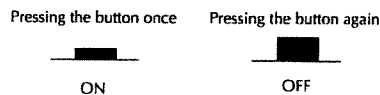
Pressed to play back what you have recorded. (p. 8)

Turning the Power On

1. Insert the plug on the power cord into an outlet.



2. Press the POWER button on the left side of the panel. (Press the button again to turn it OFF.)

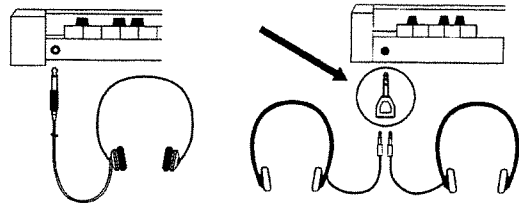


- * A muting feature comes into effect for a brief interval (about 2 seconds) after power up. During this interval, nothing will be heard if you play the keyboard.
- * Be sure to use only the power cord supplied with this unit.
- * Whenever you do not intend to use the piano for an extended period of time, disconnect the power cord from the outlet.

Using Headphones

To use headphones, insert the plug into the jack located on the left side of the instrument.

- * The piano's speakers will no longer produce sound once you have headphones connected. This is convenient for private practice or late-night playing.

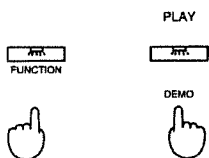


- * The VOLUME knob on the instrument can be used to adjust the volume as necessary.
- * We recommend the use of stereo headphones.
- * Using two headphones
Should you want to use two headphones, you can buy an adaptor (stereo plug to double stereo jacks, as the one shown in the picture) at your nearest Hi-Fi Dealer.

Listening to the Demonstration Songs

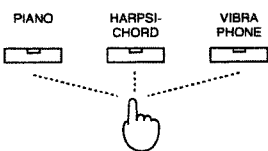
The HP-135 contains three demonstration songs in memory which highlight the instrument's capability. To hear them, follow the steps below.

1. While holding down the FUNCTION button, press PLAY button (both buttons will start to flash) and in a few seconds the Demo songs will start to play.



2. When one song finishes, the next one will start playing automatically.

If you wish to listen to only one song, press PLAY button while holding the FUNCTION button. Then within 2-3 seconds, press one of the PIANO, HARPSICHORD and VIBRAPHONE buttons. PIANO gives you the first song, HARPSICHORD the second one and VIBRAPHONE the third one. (The button indicator will be flashing for the song currently playing.)



3. To stop playback of one song and have the another play, simply press the another Voice button (where the indicator is not flashing).

To stop playback of the demonstration songs (and return to the standard mode), press the FUNCTION or PLAY button.

Voice Buttons	Composer	Song Title
PIANO	Chopin	from Valse No.6 " Petit chien" op.64-1
HARPSICHORD	Chopin	from Nocturne No.1 op.9-1
VIBRAPHONE	J.S.Bach	from Cantata BWV. 147 arranged by Naoki Nishi

Profile of the demo song arranger

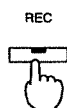
Naoki Nishi
Born in 1958 in Hiroshima.
Began working professionally at the age of 21. Has so far released 8 albums on which he is featured. He has also taken part in numerous other albums. His broad range of activities have included appearances at a number of jazz festivals in Japan and other parts of the world. In addition to his duties as an instructor at the Tokyo Conservatoire Shoubi, he has provided his services as a demonstrator for Roland since 1990. He is considered to be one of Japan's finest jazz pianist.

Try Recording What You Play

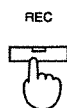
How to Create Recordings

Use whatever Voice you like to play whatever song you wish to record. When completed, you will be able to listen to the results, and check how well you played the song.

1. Select the Voice you wish to use for the recording, then make any other selections you wish, such as for Chorus and Reverb. When ready, press the REC button (its indicator will light). This means that the instrument is in stand-by, waiting for recording to begin.



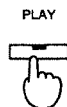
2. Start playing. (Recording will start the moment the first note is played.)
3. When finished, press the REC button again to stop recording. The indicator should go out.



- * During recording, you can change to any other Voice you wish to use.
- * When the unit starts running low on memory space, the indicator on the REC button will start flashing. If you continue recording, the REC indicator will begin flashing faster. Once you reach the stage where the unit cannot record any more, the indicator on the REC button will go out, and recording stops automatically.
- * Once you begin a new recording, all of the performance data previously recorded will be erased. Once erased, performance data cannot be recovered.

Now try listening to what you just recorded

Press the PLAY button (its indicator will light).



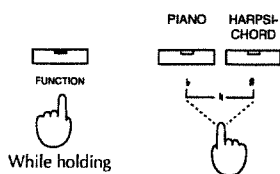
The unit stops automatically after the song has played through. The indicator will then go out. (Press the PLAY button to stop playback at any point.)

- * The performance data that you record will disappear about 8 hours after power has been turned off. If you need a more permanent form of storage for your songs, you will need to connect an external sequencer (p. 10) and record onto that unit.
- * To manually erase all recorded performance data, simultaneously press the REC and PLAY buttons.

Playing with the Key Transposed

If you wish, you can play the instrument with the key 'transposed.' This conveniently allows you to play in a key that matches a vocal accompaniment, without changing your fingering on the keyboard. Transposition is also useful when you are going to play a piece in a key other than C, and wish to play it as if it were in the key of C. This makes it easier to play.

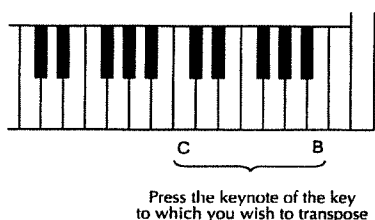
While holding down the FUNCTION button, press either PIANO (b) or HARPSICHORD (#) enough times to obtain the amount of transposition you wish.



- # With each press, the sound is raised by 1 semitone. (Max. of 5 semitones.)
- b With each press, the sound is lowered by 1 semitone. (Max. of 6 semitones.)

Playing a piece in some other key with the fingering of C

You need to specify which note you wish to sound when the C key (*do* in the key of C) is pressed. Hold down the FUNCTION button while you press the keynote for the key you wish to transpose to (using the C-B keys in the upper-most of the keyboard). For example, to play an E major piece in the key of C major, you would hold down the FUNCTION button while you press E (*mi*).



- * To return to the key of C, press PIANO (b) and HARPSICHORD (#) simultaneously while holding down the FUNCTION button.
- * The indicator on the FUNCTION button will remain lit while transposition is in effect.
- * To cancel transposition, press the FUNCTION button again, and confirm that its indicator has gone out.
- * Once you have set the transposition, all you need to do to obtain the same transposition the next time is to press the FUNCTION button.

- * If you have used the Key Transpose feature to raise the pitch (by 1 to 5 semitones), the keyboard's 5 highest keys (at the far right) will sound one octave lower than normal when playing organ or string sounds.

Pedal Functions

The specialized stand comes equipped with 2 pedals. The right one is the Damper pedal, and the left one acts as the Soft pedal. (The left pedal can also be switched to become a Sostenuto pedal.)

Right (Damper Pedal)

While the Damper Pedal is depressed, notes that have been played will continue to sound even after your fingers have been removed from those keys.

Left (Soft Pedal)

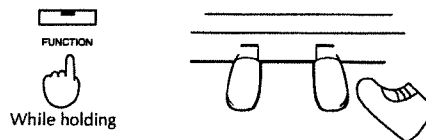
When depressed, you obtain a softer sound.

(Sostenuto Pedal)

This pedal is used to sustain only the sound of those keys that are pressed at the very moment the pedal is depressed. Notes played afterwards are not effected.

Using the Left Pedal as a Sostenuto Pedal

If you wish to use the left pedal as a Sostenuto pedal, hold down the FUNCTION button while you depress the right pedal.

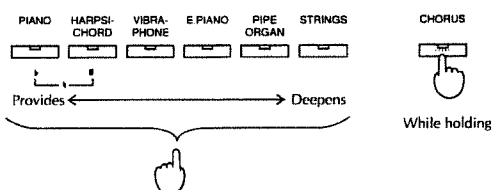


- * To have the pedal serve as the Soft pedal again, hold down the FUNCTION button while you depress the left pedal.
- * The Soft pedal and Sostenuto pedal functions cannot be obtained at the same time.
- * Whenever power is turned on, the instrument is set to provide the Soft pedal function.

Changing the Depth of the Chorus Effect

You can select from 6 different Chorus levels.

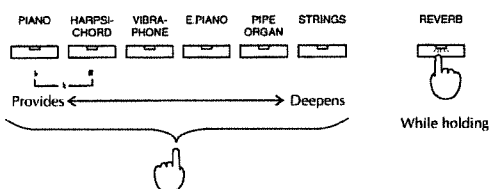
1. Hold down the CHORUS button for a few seconds until you have confirmed that its indicator has started to flash.
2. With the CHORUS button still depressed, press the appropriate Voice button to select the desired depth setting.



Applying Reverb to the Sound

You can select from 6 different Reverb levels.

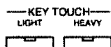
1. Hold down the REVERB button for a few seconds and its indicator will start to flash.
2. With the REVERB button still depressed, press the appropriate Voice button to select the desired depth setting.



Key Touch Function

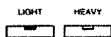
This instrument allows you to select one of three touch settings. These settings determine how the keyboard will respond to certain playing dynamics. Choose the setting which is most comfortable.

Medium



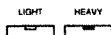
This is the standard setting. The response provided by this setting is generally perceived as being the most natural.

Light



With this setting, the keys will seem lighter to the touch, and fortissimo levels can be achieved with much less effort.

Heavy



With this setting, the keys will seem heavier to the touch, and you will need to apply even more force than normal to obtain fortissimo levels.

- * When powered up, the instrument will be at the default setting (Medium).

For Those Who Wish To Use MIDI

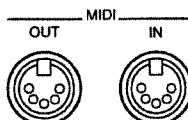
Those satisfied with playing the piano by itself need not read the following.

About MIDI...

The MIDI (Musical Instrument Digital Interface) standard was created to provide for the exchange of performance information among electronic musical instruments and computers.

The MIDI Connectors

Take a look at the rear panel of your piano. You should be able to quickly find the two MIDI sockets. These connectors enable the piano to 'converse' with other MIDI-equipped units. The two connectors function as follows:



- MIDI IN Connector

This connector is where messages from other MIDI-equipped units are received, and can be likened to the "ears" which listen to what the other instrument has to convey.

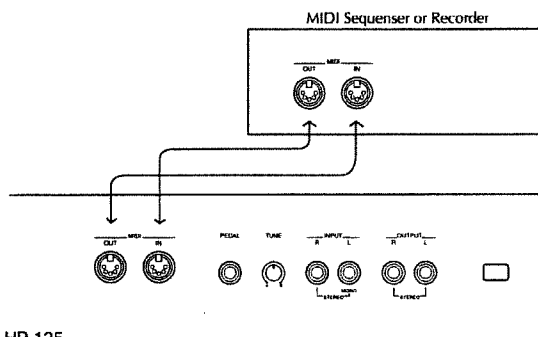
- MIDI OUT Connector

From this connector, messages are sent out to other MIDI-equipped units. It can be likened to the "mouth" in the ongoing dialogue between the units.

In order to enable communication between two devices, you need to run a cable, such as shown below, between their respective MIDI connectors.



Connecting a recorder or sequencer



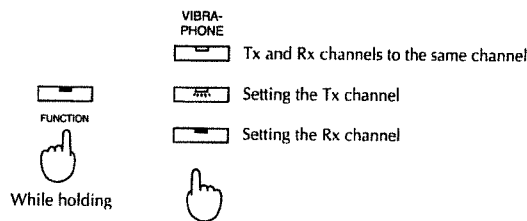
HP-135

Setting the MIDI Transmit/Receive Channels

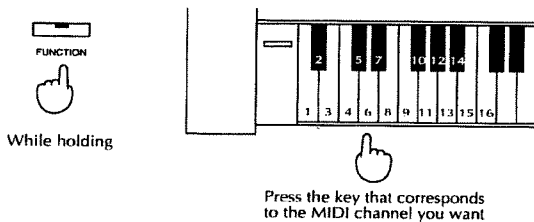
MIDI provides for the use of 16 channels, numbered 1—16. When the channel used by the transmitting unit matches that of a remote receiving unit, you can play sounds contained in the remote unit, or change the sounds it uses.

Hold down the FUNCTION button while you press the VIBRAPHONE button to set the MIDI Transmit/Receive Channel.

1. While the VIBRAPHONE button's indicator is dark, the transmission and reception channels will be set to the same channel. The Transmit channel alone can be set while the VIBRAPHONE button's indicator is blinking; whereas the Receive channel alone can be set while the VIBRAPHONE button's indicator is lit.



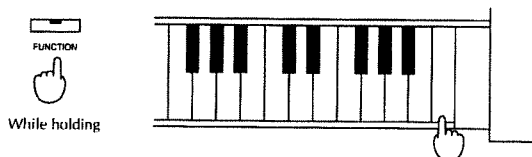
2. With the FUNCTION button still depressed, press the key which corresponds to the desired MIDI channel. (See illustration below.)



Omni On/Off

When set to "Omni ON," the HP-135 will produce sound no matter which channel any performance data is received on. This is convenient for hearing the performance data on all channels at the same time.

To set the unit to Omni ON, hold down the FUNCTION button and press the key at the right end of the keyboard (the highest key). At the same time, both the transmission and reception channels are automatically set to channel 1.

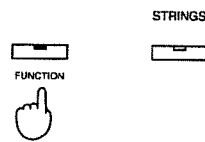


* Thereafter, the unit will be placed back into the Omni OFF mode when a specific setting for the Receive channel is made.

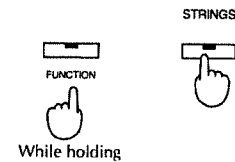
Local On/Off

If you intend to record into a sequencer, set it so its "Soft Thru" function is ON. At the same time, set the piano's Local setting to OFF:

1. Press FUNCTION (the STRINGS button indicator should be dark). (When this indicator is dark, it means that the unit is set to Local ON.)



2. With the FUNCTION button still depressed, press the STRINGS button, and confirm that its indicator has lit. (When this indicator is lit, the unit is set to Local OFF.)



* If the HP-135 is set to "Local ON" while connected to a sequencer set with its "Soft Thru" function "ON," the same notes will be produced twice. This is because the locally produced keyboard notes first sound internally, and then are sounded a second time when the note messages (after having been sent out the HP-135's MIDI OUT, and been routed through the sequencer) have arrived back again at the HP-135's MIDI IN. The resulting sound might seem quite unnatural.

* Some sequencers, automatically send out a "Local Off" message at power up. There are also sequencers which are ordinarily used while set to Soft Thru Off, so the instrument being used can be left set at Local On.

* This piano will always be set at "Local ON" whenever its power is turned on.

* Whenever there are no cables connected to this instrument's MIDI connectors, it will always be at "Local ON."

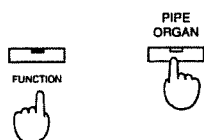
The Multi-Timbral Mode

When the Multi-Timbral mode is ON, MIDI data arriving on several channels can be received. This allows you to simultaneously play several of the piano's internal sounds.

- When the Multi-Timbral Mode is OFF
Data that arrives on the specified Receive channel (see page 11) is received and used to play the currently selected Voice.
- When the Multi-Timbral Mode is ON
Of any MIDI data that arrives, that which arrives on channels 1, 11, 12, 13, 14 and 15 is received. Data on all other channels is ignored.
The Voice that is used to play the notes will be determined by the Program Change message that is received on the relevant channel. The correspondence between Program Change Numbers and Voices is shown on page 13.

While holding down the FUNCTION button, press the PIPEORGAN button to turn the Multi-Timbral Mode ON or OFF.

With the indicator lit, it is ON.



How Various Types of Messages Function While the Multi-Timbral Mode is ON

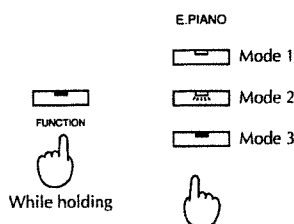
- **Pedal Messages**
Damper, sostenuto and soft pedal messages function independently for any of these channels: 1, 11, 12, 13, 14 or 15.
- **Volume Messages**
Volume messages control the volume, and function independently for any of these channels: 1, 11, 12, 13, 14 or 15. Such messages, however, have no effect on what is played on this instrument's keyboard.
The actual volume obtained is determined by both the value of the Volume message, and the position of the Volume knob on this instrument. When a Volume message calls for the maximum value, the actual volume produced will directly reflect the position of the Volume knob.
- **Chorus On/Off Messages**
Chorus On/Off messages affect independently for each channel 1, 11, 12, 13, 14 or 15.
- **Reverb On/Off Messages**
Reverb On/Off messages affect all Voices equally, regardless of whether they are received on channel 1, 11, 12, 13, 14 or 15.
- **When the Multi-Timbral Mode is "On," the unit will always be at "Omni OFF."**

Selecting the Transmission/Reception Mode

Three Transmission/Reception Modes have been provided to allow you to select the mode which best matches your needs.

*** Note and Pedal messages are received/transmitted in every mode.**

Hold down the FUNCTION button while you press the E.PIANO button to set the Transmit/Receive mode. When the E.PIANO button's indicator is dark, you are in Mode 1. When the E.PIANO button's indicator is blinking, you are in Mode 2. When the E.PIANO button's indicator is lit, you are in Mode 3.



*** When power is turned on, the unit will always be at the Mode 1 setting.**

Mode	I	II	III
MIDI Messages	TX RX	TX RX	TX RX
Note Messages	Yes Yes	Yes Yes	Yes Yes
Program Change Messages	Yes Yes	Yes No	Yes* Yes
Control Change Messages			
Volume (7)	No Yes	No Yes	No Yes
Damper (64)	Yes Yes	Yes Yes	Yes Yes
Sostenuto (66)	Yes Yes	Yes Yes	Yes Yes
Soft (67)	Yes Yes	Yes Yes	Yes Yes
Chorus On/Off (93)	No No	No No	Yes Yes
Reverb On/Off (91)	No No	No No	Yes Yes
Master Tune (RPN)	No No	No No	Yes Yes
Roland System Exclusive Messages			
Multi-Timbral Mode	No Yes	No Yes	Yes Yes
Chorus Depth	No Yes	No Yes	Yes Yes
Reverb Depth	No Yes	No Yes	Yes Yes
Brilliance	No Yes	No Yes	Yes Yes

*** In Mode 3, the appropriate Program Change message will be transmitted whenever you press a Voice button. (See the following page.)**

Transmission/Reception of Program Change Messages

Transmitting

While holding down the FUNCTION button, press the keys corresponding to the Group, Bank, and Number which make up the Program Change message you wish to transmit.

		Number							
		1	2	3	4	5	6	7	8
Bank	1	1	2	3	4	5	6	7	8
	2	9	10	11	12	13	14	15	16
	3	17	18	19	20	21	22	23	24
	4	25	26	27	28	29	30	31	32
	5	33	34	35	36	37	38	39	40
	6	41	42	43	44	45	46	47	48
	7	49	50	51	52	53	54	55	56
	8	57	58	59	60	61	62	63	64

		Number							
		1	2	3	4	5	6	7	8
Bank	1	65	66	67	68	69	70	71	72
	2	73	74	75	76	77	78	79	80
	3	81	82	83	84	85	86	87	88
	4	89	90	91	92	93	94	95	96
	5	97	98	99	100	101	102	103	104
	6	105	106	107	108	109	110	111	112
	7	113	114	115	116	117	118	119	120
	8	121	122	123	124	125	126	127	128

* In the Mode 3 Transmission/Reception mode, the appropriate Program Change message will be transmitted whenever you press a Voice button.

1 PIANO	13 PIANO + VIBRAPHONE	32 HARPSICHORD + STRINGS
3 HARPSICHORD	14 PIANO + E.PIANO	46 VIBRAPHONE + E.PIANO
5 VIBRAPHONE	15 PIANO + PIPEORGAN	47 VIBRAPHONE + PIPEORGAN
6 E.PIANO	16 PIANO + STRINGS	48 VIBRAPHONE + STRINGS
7 PIPEORGAN	29 HARPSICHORD + VIBRAPHONE	55 E.PIANO + PIPEORGAN
8 STRINGS	30 HARPSICHORD + E.PIANO	56 E.PIANO + STRINGS
11 PIANO + HARPSICHORD	31 HARPSICHORD + PIPEORGAN	64 PIPEORGAN + STRINGS

Receiving

When a Program Change message is received, a change is made to the correspondingly numbered Voice, as shown below.

1 PIANO	13 PIANO + VIBRAPHONE	32 HARPSICHORD + STRINGS
3 HARPSICHORD	14 PIANO + E.PIANO	46 VIBRAPHONE + E.PIANO
5 VIBRAPHONE	15 PIANO + PIPEORGAN	47 VIBRAPHONE + PIPEORGAN
6 E.PIANO	16 PIANO + STRINGS	48 VIBRAPHONE + STRINGS
7 PIPEORGAN	29 HARPSICHORD + VIBRAPHONE	55 E.PIANO + PIPEORGAN
8 STRINGS	30 HARPSICHORD + E.PIANO	56 E.PIANO + STRINGS
11 PIANO + HARPSICHORD	31 HARPSICHORD + PIPEORGAN	64 PIPEORGAN + STRINGS

* Program Changes except those mentioned above will be ignored.

Troubleshooting

Whenever you suspect that the instrument is not performing as it should, please consult the following information.

Q. No sound heard from speakers.

- A.**
- Have you checked to make sure you don't have the volume set at "MIN"?
 - Do you possibly have headphones connected?
 - If using other connected MIDI devices, have you made sure the power is ON for all such devices?
 - If in the Multi-Timbral mode, do you have the Transmit channel set to something other than 1, 11, 12, 13, 14, or 15 ?

Q. The damper effect is constantly applied to notes played (they continue sounding longer than normal). Or, the damper effect cannot be obtained at all.

- A.** Have you checked to make sure the cable from the stand is connected properly to the piano?
Refer to "Assembling the 135 Stand for the HP-135," page 4.

Q. Notes played on the keyboard are too high (or low) in pitch.

- A.**
- Have you checked to make sure that key transposition is not in effect? (If Key Transpose has been set, the indicator on the FUNCTION button will be lit.)
To exit the transposed state, press the FUNCTION button. (Its indicator should be out.)
 - Do you have the Master Tuning set appropriately?

Q. Data that was in the recorder has disappeared.

- A.**
- The performance data that you record into the recorder will be erased approx. 8 hours after power is turned off. Regrettably, there is no way to restore such data once it has been erased. If you need a more permanent form of storage for your songs, you will need to use a sequencer and store songs on floppy disks.
 - Have you possibly pressed the PLAY and REC buttons at the same time?

Q. The pitch differs from what it should be with "ISM" related products, or another manufacturer's sound generating unit.

- A.** Check to make sure that the Tuning knob on the rear of the unit hasn't been inadvertently moved.
Adjust the tuning knob until the piano's pitch matches that of the external units you are using.

Q. Operations you perform using the panel buttons (Chorus/Reverb/Voice selections) cannot be stored into a sequencer.

- A.** Have you made sure you have the Transmission/Reception Mode set to Mode 3? Note that each time power is turned on, the unit will by default be in Mode 1. In order to record operations you perform using the panel buttons, the piano must be set to Mode 3.

Specifications

Keyboard	88 weighted keys with mechanical hammers	Pedals	Damper, Soft / Sostenuto
Sound Source	Advanced SA Process	Speakers	16 cm X 2
Voices	Piano	Output	15 W X 2
	Harpichord	Finish	Simulated Rosewood
	Vibraphone	Power Consumption	50 W (120V), 40 W (230, 240V)
	Electric Piano	Dimensions :Piano	1436 (W) X 456 (D) X 176 (H) mm
	Pipe Organ	:Stand	1436 (W) X 456 (D) X 638 (H) mm
	Strings	:Total	1436 (W) X 456 (D) X 814 (H) mm
Effects	Chorus (6 levels)	Weight :Piano	32.0 Kg
	Reverb (6 levels)	:Stand	15.3 Kg
Touch Control	Light	:Total	47.3 Kg
	Medium	Supplied Accessories	Owner's Manual, Power Cable, Keyboard Stand (KS-135)
	Heavy		
Controls	Volume, Brilliance, Master Tune, Key Transpose	* In the interest of product improvement, the specifications of this unit are subject to change without prior notice.	
Connectors	Output Jacks (Stereo) Input Jacks (Stereo/Mono) Pedal Jacks MIDI IN Connector MIDI OUT Connector Headphones Jack		

MIDI Implementation Chart

DIGITAL PIANO
Model HP-135

Date: May 1996
Version:1.00

Function***		Transmitted	Recognized	Remarks
Basic Channel	Default Changed	1 1-16	1 1-16, *4(1,11,12,13,14,15)	
Mode	Default Messages Altered	Mode 3 OMNI OFF, POLY *****	Mode 3 *5 *3	*2
Note Number	True Voice	15-113 *****	0-127 15-113	
Velocity	Note ON Note OFF	o o 8n v=1-127	o o	
After Touch	Key's Ch's	x x	x x	
Pitch Bend		x	x	
Control Change	6, 38	o	o	Data entry
	7	x	o	Volume
	64	o	o	Hold 1
	66	o	o	Sostenuto
	67	o	o	Soft
	91	*1	*1	Reverb
93	*1	*1	Chorus	
	100, 101	o	o	RPN LSB, MSB
	121	x	o	Reset all controllers
Prog Change	True #	*1 (0-127) *****	*1 (0-127) 0...63	
System Exclusive		o	o	
System Common	Song Pos Song Sel True	x x x	x x x	
System Real Time	Clock Commands	x x	x x	
AUX Messages	Local ON/OFF All Notes OFF Active Sense Reset	x x o x	o o (123-127) o x	
Notes		*1 Able to choose between "o" and "x". *2 When power on OMNI OFF and POLY are sent through the basic channel. *3 When the Multi-Timbral Mode is OFF, recognized as Mode 3 even if receiving in MONO (M=1). Recognized as Mode 1 even if receiving in MONO (M≠1). *4 When the Multi-Timbral Mode is ON. *5 Set to "x" when the Multi-Timbral Mode is ON and set to "o" when the Multi-Timbral Mode is OFF.		

Mode 1 : OMNI ON, POLY
Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON, MONO
Mode 4 : OMNI OFF, MONO

o : Yes
x : No

For E.C. Countries

This product complies with EC directives
- LOW VOLTAGE 73/23
- EMC 89/336*

Dieses instrument entspricht folgenden EG-Verordnungen:
- NIEDRIGE SPANNUNG 73/23
- EMC 89/336*

Cet instrument est conforme aux directives CE suivantes:
- BASSE TENSION 73/23
- EMC 89/336*



Questo prodotto é conforme alle seguenti direttive CEE
- BASSA TENSIONE 73/23
- EMC 89/336*

Dit instrument beantwoordt aan de volgende EG richtlijnen:
- LAGE SPANNING 73/23
- EMC 89/336*

Este producto cumple con las siguientes directrices de la CE
- BAJO VOLTAJE 73/23
- EMC 89/336*

For the USA

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful 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 more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the users authority to operate this equipment.
This equipment requires shielded interface cables in order to meet FCC class B Limit.

For Canada

CLASS B

NOTICE

This digital apparatus does not exceed the Class B limits for radio noise emissions set out in the Radio Interference Regulations of the Canadian Department of Communications.

CLASS B

AVIS

Cet appareil numérique ne dépasse pas les limites de la classe B au niveau des émissions de bruits radioélectriques fixés dans le Règlement des signaux parasites par le ministère canadien des Communications.

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