

Roland®

Digital piano FP-1
OWNER'S MANUAL

FP

Thank you, and congratulations on your choice of the Roland FP-1 Digital Piano. The FP-1 is a light-weight digital piano that features an 88-note, hammer-action keyboard. To take full advantage of the FP-1's great sounds and performance features, please take the time to read this entire manual.

FEATURES

- **Six Outstanding Sounds**

The FP-1 offers six high quality sounds (including a robust Grand Piano) that fit in perfectly with a wide range of musical genres.

- **Onboard Effects**

The FP-1 offers two kinds of effects, Chorus and Reverb.

- **Dual Function**

The Dual function allows you to layer (combine) any two of the FP-1's five main sounds.

- **Hammer-Action Keyboard**

The FP-1 is equipped with a hammer-action mechanism that recreates the natural feel of an acoustic piano—with smooth, delicate travel for playing pianissimo, and firm response for fortissimo.

- **Four Types of Keyboard Response**

Four keyboard response settings let you adjust the keyboard action to suit your particular taste or needs.

- **Compact and Light-Weight**



Since the FP-1 is compact and light-weight, you can easily carry it to live performances or other occasions.

- **MIDI Connectors**

Since the FP-1 is equipped with MIDI connectors, you can exchange digital MIDI information with other electronic musical instruments or computers.

- **Provides Speaker Output Jacks**

By connecting the Speaker Output jacks to the speakers in the optional FPS-1 keyboard stand, you can enjoy the rich sound of the FP-1 at whatever volume you need with family or friends.

 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.

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MIDI Implementation Chart
Specifications
Troubleshooting
Service Information

..... Important Notes

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

Power Supply

- Before connecting this unit to other devices, turn off the power to all units; 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—an electric motor or variable lighting system, for example.

Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum.
- This device may interfere with radio and television reception. Do not use this device 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, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzine, thinner, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Additional Precautions

- Protect the unit from strong impact.
- A small amount of heat will radiate from the unit during normal operation.
- Before using the unit in a foreign country, consult with qualified service personnel.

Setting Up and Switching On the FP-1

1 Power Switch
Before connecting the FP-1 with other devices, make sure that it is switched off.

2 Damper Pedal Jack
Connect the supplied DP-6 pedal to this jack. Depressing the pedal while you play will then create a resonance (sustaining) effect similar to the effect of a damper pedal on a real piano. This effect is especially useful for sounds such as strings, as the sound will be sustained for as long as the pedal is depressed.

3 Soft Pedal Jack (Soft, Sostenuto, Expression)
To obtain the Soft or Sostenuto effect, connect the DP-6 to this jack. To obtain an Expression (volume) effect, connect an Expression pedal (such as the optional EV-5) to the jack. For a detailed explanation of these functions, please see page 8.

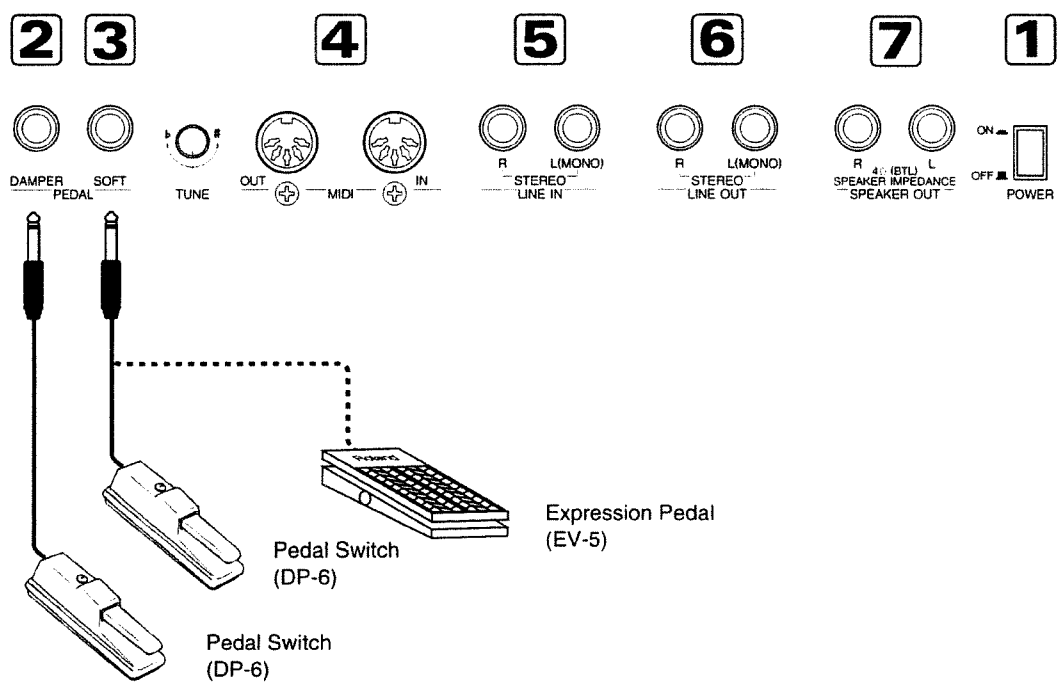
4 MIDI Connectors
Use these sockets to connect the FP-1 to other MIDI devices (using special MIDI cables). With MIDI, a wide range of performance possibilities becomes available. For detailed information, please refer to "Local On/Off" on page 9, and "Using the MIDI Functions" on page 10.

5 Line Input Jacks
By connecting external audio devices to the FP-1's [LINE IN] jacks (with audio cables), you can hear that external device through the FP-1's PHONES jack, [SPEAKER OUT], and/or [LINE OUT] jacks.
** The sound from this external device will be mixed with the sounds produced by the FP-1 itself.*

6 Line Output Jacks
By connecting these jacks (using audio cables) to external audio devices (such as an amp/mixer or a tape recorder), you can hear the FP-1 at a much higher volume (for live performances), or record what you play directly onto tape.

7 Speaker Output Jacks
Connect these jacks to the speakers in the optional FPS-1 keyboard stand. Please refer to the FPS-1 Owner's Manual for details.
** Connect only speakers which have an impedance of 4 Ω or greater and which have an input rating of 10 W or higher. Never connect any other kind of speakers, or other devices.
* If you ever need to move the instrument, be very careful (keep it in a level position) so it does not topple and cause injury.*

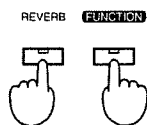
When you have finished setting up, switch on the FP-1.
** This unit is equipped with a protection circuit. A brief interval (a few seconds) after power up is required before the unit will operate normally.*



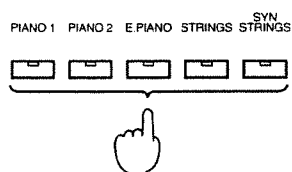
Playing the Demonstration Songs

How to play the demonstration songs...

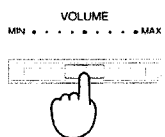
1. Hold down the [FUNCTION] button while you then press the [REVERB] button. The first demo song will start to play.



2. Select the song you wish to hear using one of the five Tone buttons: [PIANO 1], [PIANO 2], [E.PIANO], [STRINGS] and [SYN STRINGS]. One song is assigned to each button.



3. Adjust the volume with the [VOLUME] slider.



4. To stop playback of the selected demo song, press the [FUNCTION] button again.

* Some demo songs consist of two parts. When the FP-1 starts to play such a demo song, the [CHORUS] or [REVERB] indicator will flash along with the performance of each part.

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

Demonstration Songs

Tone Button	Composer	Song Title
[PIANO 1]	Mitsuru Sakaue	Double Vision Copyright © 1994, Roland
[PIANO 2]	John Maul	Springtime Sundays Copyright © 1994, Roland UK
[E.PIANO]	John Maul	Mood/Ending Copyright © 1994, Roland UK
[STRINGS]	Chopin	Valse in D-flat Major op 64-1 "Petit Chien"
[SYN STRINGS]	Debussy	Arabesque No. 1 E-dur

Playing the FP-1

1 Volume Slider
 This slider adjusts the volume of the headphones or any connected external speakers. Moving the slider to the right raises the volume.

2 Tone Buttons
 You can select any of the six onboard sounds using the corresponding Tone button(s):

- PIANO 1 A brilliant, robust grand piano.
- PIANO 2 Grand piano ideal for playing classical pieces.
- E.PIANO Tender and sweet Rhodes piano sound.
- STRINGS Beautiful ensemble string sounds.
- SYN STRINGS Synthesizer strings with a slow attack.
- HONKY TONK Bright and jolly piano with slightly out-of-tune sound. (To select this sound, press [PIANO 1] and [PIANO 2] simultaneously.)

By pressing two Tone buttons simultaneously, you can mix (layer) two sounds (Dual Function). Pressing [PIANO 1] and [PIANO 2], however, will select the HONKY TONK piano sound.

Pressing a Tone button selects the corresponding sound on the FP-1 and also transmits the appropriate "Program Change number" through the [MIDI OUT] socket on the rear of the FP-1:

PIANO 1	1
PIANO 2	2
E.PIANO	5
STRINGS	7
SYN STRINGS	8
PIANO 1 & PIANO 2	4
PIANO 1 & E.PIANO	9
PIANO 1 & STRINGS	10
PIANO 1 & SYN STRINGS	11
PIANO 2 & E.PIANO	12
PIANO 2 & STRINGS	13
PIANO 2 & SYN STRINGS	14
E.PIANO & STRINGS	15
E.PIANO & SYN STRINGS	16
STRINGS & SYN STRINGS	17

** Program Change numbers (or messages) can also be transmitted using another method (see page 10 for details).*

VOLUME
 MIN MAX



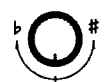
1

PIANO 1 PIANO 2 E.PIANO STRINGS SYN STRINGS



2

6



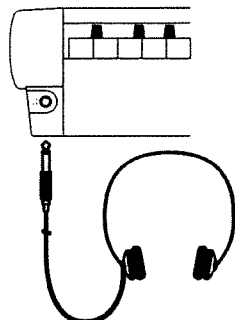
TUNE

When the FP-1 receives the following Program Change numbers through its [MIDI IN], the corresponding Tone will be selected:

1	PIANO 1
2	PIANO 2
3	PIANO 1
4	HONKY TONK
5	E.PIANO
6	E.PIANO
7	STRINGS
8	SYN STRINGS
9	PIANO 1 & E.PIANO
10	PIANO 1 & STRINGS
11	PIANO 1 & SYN STRINGS
12	PIANO 2 & E.PIANO
13	PIANO 2 & STRINGS
14	PIANO 2 & SYN STRINGS
15	E.PIANO & STRINGS
16	E.PIANO & SYN STRINGS
17	STRINGS & SYN STRINGS

* If the FP-1 receives a Program Change number higher than No. 17, the Tone will not change.

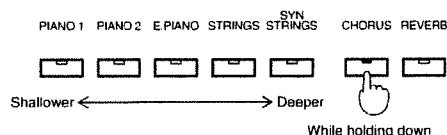
CHORUS REVERB **FUNCTION**



3 Chorus Button

This button adds the Chorus effect to sounds that you play. Chorus is an effect that makes one instrument sound like several playing together.

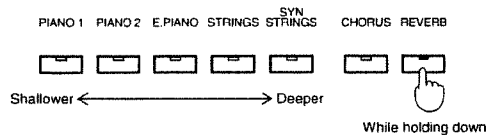
- Press [CHORUS] to turn on the Chorus effect (the button indicator will light). Press the button again to turn Chorus off.
 - The depth of the Chorus effect can be set to one of five levels. The current depth is indicated (by the lighted Tone button) when the [CHORUS] button is pressed.
 - To change the Chorus depth, hold down the [CHORUS] button, and press one of the Tone buttons.
- * On/Off of the Chorus effect can be set for each Tone.



4 Reverb Button

This button adds Reverb (reverberation) to the sounds you play. Reverb is a complex echo-like effect that makes it sound like you're playing in a large concert hall.

- Press [REVERB] to turn on the Reverb effect (the button indicator will light). Press the button again to turn Reverb off.
- The depth of the Reverb effect can be set to one of five levels. The current depth (1-5) is indicated (by the lighted Tone button) when the [REVERB] button is pressed.
- To change the Reverb depth, hold down the [REVERB] button, and press one of the Tone buttons.



5 Function Button

This button is used to activate many of the FP-1's functions. For a detailed explanation of the [FUNCTION] button, please refer to pages 8-11.

6 Tune Knob

The FP-1 can easily be tuned to match the pitch of another musical instrument. This is useful for playing in ensembles or for playing along with recordings. Rotating the [TUNE] knob counter-clockwise (to #) increases the pitch, while rotating it clockwise (to b) lowers the pitch.

- * When the [TUNE] knob is set to the center position, the middle A (la) key will have a pitch of 440.0 Hz.
- * By turning the knob all the way in one direction from center, the pitch will change by approximately 50 cents (1/2 semitone).

7 Phones Jack

Connect headphones to the Phones jack located on the far left side of the keyboard. Using headphones is a great way to practice without disturbing those around you. The [VOLUME] slider can be used to control the headphone volume.

Other Useful Functions

1 When you press [FUNCTION] (the indicator will light), all the panel buttons will work to set various aspects of the instrument's operation. To return to the normal playing mode, press [FUNCTION] again (the indicator will go out). In other words, the functions described on pages 8 and 9 can only be set while the [FUNCTION] indicator is **lighted**.

2 **Transposing the Keyboard**
The Transposition function allows you to transpose the pitch of the entire keyboard without having to change your fingering. For example, you can play music in any key you like using the fingering of the C major scale!

Press [#] or [b] as many times as necessary to reach the desired transposition.

[#] Each time you press this button, the pitch will rise by a semitone (up to five semitones).

[b] Each time you press this button, the pitch will fall by a semitone (up to six semitones).

Pressing [#] and [b] simultaneously will return the FP-1 to C major key.

For example, if you wish to play a piece written in E major using the fingering of C major, press [#] four times (because there are four semitones between C and E on the keyboard).

[#] button	once	twice	3 times	4 times
Pitch of C key	C#	D	D#	E

* You can also set the transposition using a different method. (See page 11.)

3 **Setting the Pedal's Function**
The FP-1 allows you to select one of the following three effects that you want to apply using a pedal connected to the [SOFT PEDAL] jack on the rear of the FP-1. (See page 4.)

Soft

- Connect the supplied DP-6 pedal to the [SOFT PEDAL] jack. The [SOSTENUTO] and [EXPRESSION] indicators should both be dark.
- Play the keyboard while the pedal is depressed, and the sound you hear will be softer than usual.
- * *The Soft function is automatically selected every time the FP-1 is turned on.*

Sostenuto

- Connect the supplied DP-6 pedal to the [SOFT PEDAL] jack.
- Press [SOSTENUTO] ([E. PIANO]) and confirm that the indicator has lighted.
- The Sostenuto function is now in effect—notes being sounded the moment the pedal is depressed will be sustained. Since notes played later will not have the effect applied to them, you can selectively apply the effect to specific notes.

Expression

- Connect an optional Roland EV-5 Expression pedal to the [SOFT PEDAL] jack.
- Press [EXPRESSION] ([STRINGS]) and confirm that the indicator has lighted.
- Now you can change the volume of the sounds you play by depressing the pedal.

* *Note that this function only affects sustained sounds such as STRINGS or SYN STRINGS. So, for example, if you are using PIANO 1 and STRINGS layered together, the pedal will only alter the volume of the STRINGS sound.*

* *To return to the SOFT function, simply press whichever button may be lighted, and confirm that both the [SOSTENUTO] and [EXPRESSION] indicators are out.*

PIANO 1 PIANO 2 E.PIANO STRINGS ^{SYN}STRINGS



b # SOSTENUTO EXPRESSION LOCAL
h PEDAL

2

3

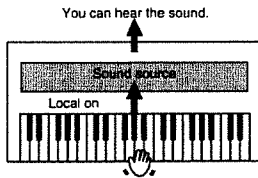
4

4 Local On/Off

Press [LOCAL] ([SYN STRINGS]) to turn the Local function On and Off. (When the indicator is lit, the Local setting is On.)

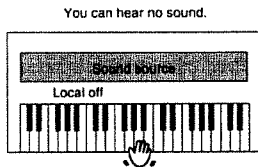
Local On

This is the normal (default) condition in which the FP-1's keyboard is connected to its internal sound generator.

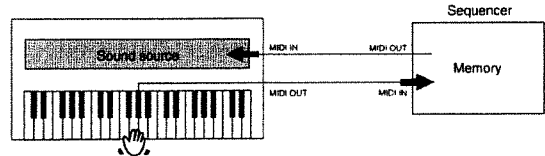


Local Off

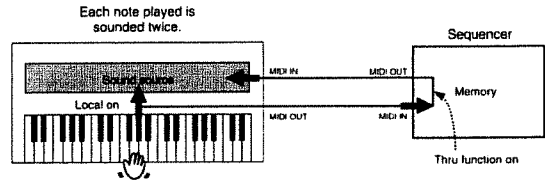
When set this way, the keyboard and the internal sound generator are not connected. Therefore, the FP-1 will not generate any sound when its keyboard is played. The Local Off setting can be used when you wish to play only an external MIDI sound module connected to the FP-1, or when you want to hear only what is played by a sequencer connected to the FP-1.



By connecting the FP-1 to a sequencer as shown below, you can record and play back your keyboard performances.

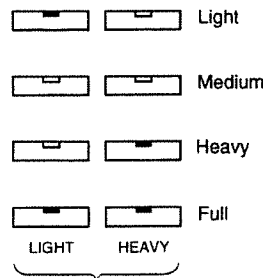
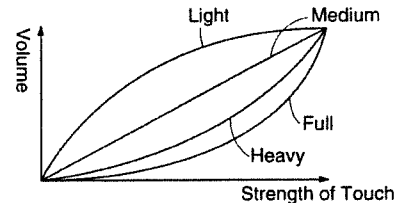


If, however, the THRU function on the sequencer is set to ON (signals received through MIDI IN are sent through MIDI OUT without any modification), you need to set the FP-1 to Local Off. If set to Local On, the notes you play will be mirrored by those being returned from the sequencer, which can cause notes to not sound like they should, or not be played.



5 Keyboard Action

The FP-1 allows you to select one of four different settings which determine the way the keyboard will "feel."



- Press [LIGHT] (the indicator will light) and loud sounds are produced even when you play softly.
- Press [HEAVY] and loud sounds are produced only when you play hard.
- By pressing [LIGHT] and [HEAVY] simultaneously, the heaviest key action (FULL) is selected. That is, you must play very hard

indeed to produce loud sounds

* To return to the standard (MEDIUM) setting, press any buttons that are lighted, and confirm that both the [LIGHT] and [HEAVY] indicators are dark. (This is the setting that is automatically selected every time the FP-1 is turned on.)

CHORUS REVERB **FUNCTION**



LIGHT HEAVY
KEY TOUCH DEMO

5

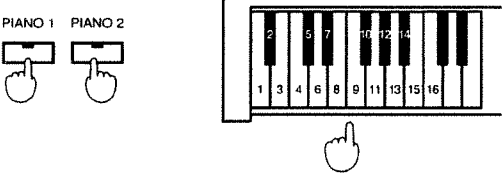
1

Using the MIDI Functions

1 Press any of the Tone buttons while holding [FUNCTION] down, and the [FUNCTION] indicator will begin flashing. This means that the Tone buttons and the keyboard can now be used to set the functions related to MIDI. To return to the normal playing mode, simply press [FUNCTION] again (so the indicator goes out). In other words, the MIDI functions described on pages 10 and 11 can only be set when the [FUNCTION] indicator is **flashing**.

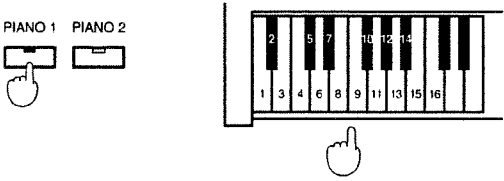
2 **Setting the MIDI Channels**
MIDI provides sixteen channels (1-16). By setting the MIDI channel of the FP-1 to match the channel number of an external MIDI device, you can play and change sounds on that external device by operating the FP-1.

To set the transmit and receive channels of the FP-1 to the same number...
Press [PIANO 1] and [PIANO 2] simultaneously (make sure that both button indicators light). Then press the keyboard key that corresponds to the desired MIDI channel.

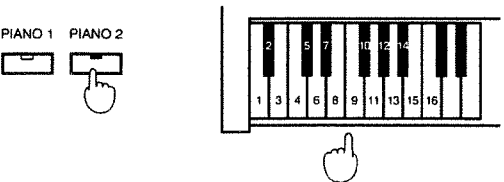


To set the transmit and receive channels of the FP-1 to different numbers...

Setting the transmit channel:
Press [PIANO 1] so the indicator lights. Then press the keyboard key that corresponds to the desired MIDI channel.



Setting the receive channel:
Press [PIANO 2] so the indicator lights. Then press the keyboard key that corresponds to the desired MIDI channel.

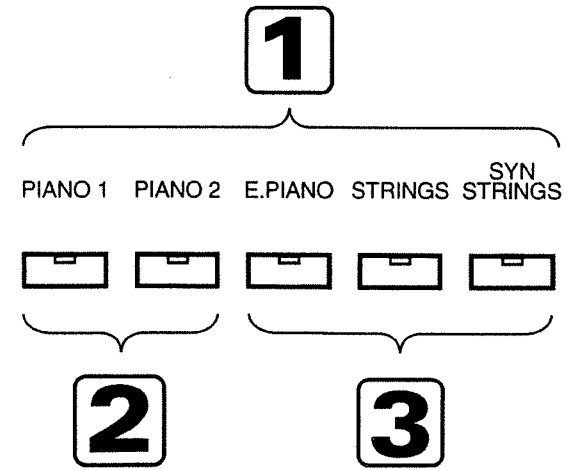


- When the transmit and receive channels are the same, and the FP-1 receives Program Change messages from an external device, the sound played on the FP-1's own keyboard will be changed to the sound that corresponds to the received Program Change.
- When the transmit and receive channel are different, and the FP-1 receives Program Change messages from an external MIDI device, these messages will cause play of the sound on the FP-1 that corresponds to the received Program Change. The FP-1's keyboard, however, will play the sound that has been selected from the FP-1's panel (it is not affected by the Program Changes that arrive). The correspondence between the FP-1's sounds and Program Change numbers is shown on page 7.

3 Transmitting Program Change and Bank Select MSB/LSB

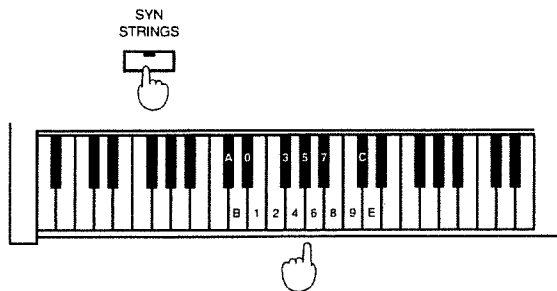
The FP-1 can transmit Program Change, Bank Select MSB and Bank Select LSB messages. These MIDI messages can be used for changing sounds on a MIDI device connected to the FP-1. By combining a Program Change (1-128), Bank Select MSB (0-127), and Bank Select LSB (0-127), a much larger number of sounds can be selected from.

- * The Bank Select MSB, Bank Select LSB and Program Change always need to be transmitted as a complete set, in the proper order. (The FP-1's default data set consists of Bank Select MSB/LSB: 0, and Program Change: 1.)
- * It is not necessary to transmit the Bank Select MSB and LSB to MIDI devices that do not respond to them.
- * If you happen to press a wrong keyboard key when transmitting a Program Change, Bank Select MSB and LSB, press the CANCEL key (C) before pressing the ENTER key (E).



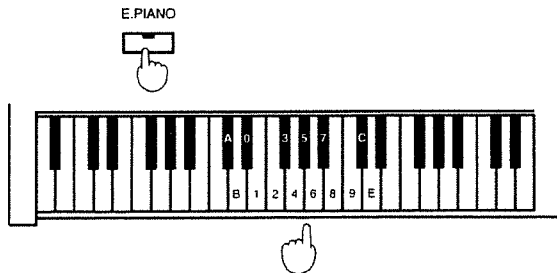
Transmitting Program Changes

Press [SYN STRINGS] so the indicator lights. To transmit a Program Change in number format, press the keyboard keys (0-9) that correspond to the Program number (1-128) you wish to transmit, then press the ENTER key (E). To transmit a Program Change in Group/Bank/Number format, press the keys that correspond to the Group (A or B), Bank (1-8) and Number (1-8), then press the ENTER key (E).



Transmitting Bank Select MSB

Press [E. PIANO] so the indicator lights. Press the keyboard keys (0-9) that correspond to the Bank Select MSB number (0-127) that you wish to transmit, then press the ENTER key (E).



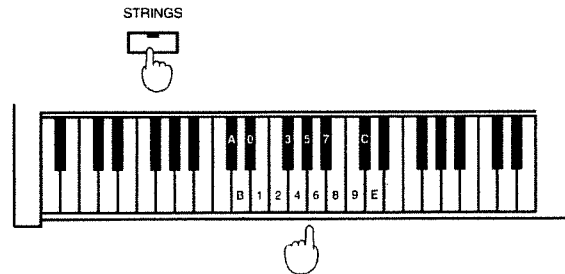
1

CHORUS REVERB **FUNCTION**



Transmitting Bank Select LSB

Press [STRINGS] so the indicator lights. Press the keyboard keys (0-9) that correspond to the Bank Select LSB number (0-127) that you wish to transmit, then press the ENTER key (E).



Transposing the Keyboard

Transposition can be set using the buttons on the panel (page 8), or when the FP-1 is in the MIDI function mode (while the [FUNCTION] indicator is flashing).

For example, to play a piece in E major using the fingering of C major, press the highest E on the keyboard (while the [FUNCTION] indicator is flashing). Now when you play a C major scale, you'll actually hear the pitches of the E major scale.



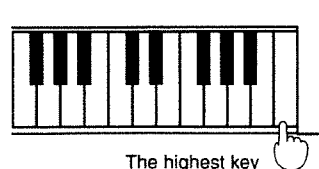
Press the keynote of the key you wish to transpose to

OMNI On/Off

When set to OMNI On, the FP-1 will always respond to incoming MIDI messages, regardless of which MIDI channel they are received on. Thus, OMNI On can be selected when you want to play the FP-1 without having to worry about MIDI channels.

To select OMNI On, press the highest note on the keyboard while the [FUNCTION] indicator is flashing.

* Setting a specific MIDI channel will automatically turn the OMNI function Off.



MIDI Implementation Chart

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default Changed	1 1 - 16	1 1 - 16	
Mode	Default Messages Altered	Mode 3 x *****	Mode 3 OMNI ON/OFF	
Note Number :	True Voice	15 - 113 *****	0 - 127 15 - 113	
Velocity	Note ON Note OFF	O x	O x	
After Touch	Key's Ch's	x x	x x	
Pitch Bend		x	x	
Control Change	0, 32	O	x	Bank Select Data entry Volume Expression Hold 1 Sostenuto Soft Reverbe Chorus RPN LSB, MSB
	6, 38	O	O	
	7	x	O	
	11	O	O	
	64	O	O	
	66	O	O	
	67	O	O	
	91	O	O	
	93	O	O	
100, 101	O	O		
Prog Change	: True #	0 - 127 *****	0 - 16 0 - 16	
System Exclusive		O	O	
System Common	SongPos SongSel Tune	x x x	x x x	
System Real Time	Clock Commands	x x	x x	
Aux Message	Reset All Controllers Local ON/OFF All Notes OFF Active Sense Reset	x x x O x	O O O (123 — 127) O x	
Notes				

Mode 1 : OMNI ON, POLY

Mode 2 : OMNI ON, MONO

O : Yes

Mode 3 : OMNI OFF, POLY

Mode 4 : OMNI OFF, MONO

x : No

Specifications

Keyboard	88 Keys (hammer-action mechanism)
Maximum Polyphony	28 Voices
Tones	Piano 1, Piano 2, E.Piano, Strings, Syn Strings and Duals (cf. Piano 1 + Piano 2 = Honky-Tonk)
Effects	Chorus (5 types), Reverb (5 types)
Control	Volume Slider, Tune Knob
Key Touch Control	Light, Medium, Heavy or Full
Key Transpose	- 6 to 5 (semitone steps)
Rated Power Output	10 W x 2 (BTL 4Ω load)
Connectors	Speaker Output Jacks (L, R), Line Out Jacks (mono / stereo) Line In Jacks (mono / stereo), Headphone Jack (stereo) Pedal Jacks (damper, soft / sostenuto / expression) MIDI Connectors (IN, OUT)
Power Supply	AC117 V, AC230 V, or AC240 V
Power Consumption	45 W (AC117 V), 28 W (AC230 V), 28 W (AC240 V)
Dimensions	Piano (FP-1) : 1336 (W) x 350 (D) x 135 (H) mm 52-5/8 (W) x 13-3/4 (D) x 5-5/16 (H) inches Stand (FPS-1) : 1226 (W) x 476 (D) x 629 (H) mm 49-13/16 (W) x 18-3/4 (D) x 24-3/4 (H) inches Total : 1336 (W) x 476 (D) x 754 (H) mm 52-5/8 (W) x 18-3/4 (D) x 29-11/16 (H) inches
Weight	Piano (FP-1) : 22.2 kg / 48 lbs, 15 oz Stand (FPS-1) : 12.1 kg / 26 lbs, 11 oz Total : 34.3 kg / 75 lbs, 10 oz
Accessories	Owner's Manual, Power Cord, Pedal Switch : DP-6
Options	Stand ; two speakers included (16 cm x 2) : FPS-1 Stereo Headphone : RH-20 / 80 / 120 Pedal Switch : DP-2 / 6, BOSS FS-5U Expression Pedal : EV-5 Connecting Cable : PJ-1M / 2 / 3 MIDI/SYNC Cable : MSC-07 / 15 / 25 / 50 / 100

** In the interest of product development, the specifications and/or appearance of this unit are subject to change without prior notice.*

Troubleshooting

No sound is heard.

- Is the [VOLUME] slider set to [MIN]?
- Are headphones connected to the PHONES jack?
- Is the piano set to LOCAL OFF? If so, press [FUNCTION] (so the indicator lights), then press [LOCAL] (be sure its indicator also lights).

Soft effect is not properly obtained by depressing the pedal.

- Is the Pedal function set to Sostenuto or Expression? If so, press [FUNCTION] (so the indicator lights), then press either [SOSTENUTO] or [EXPRESSION] (so both indicators are dark).

Some sounds are not heard when "Expression" is selected as the Pedal Function.

- Is the supplied DP-6 pedal connected? When the DP-6 is connected to the [SOFT PEDAL] jack, the STRINGS and SYN STRINGS may not sound if the Expression function is selected.

The pitch of notes played is too high (or too low).

- Has a Transposition setting been made? If so, press [FUNCTION] (so the indicator lights), then press [#] and [b] simultaneously.

The piano is not in tune with other instruments or sound generators.

- Turn the [TUNE] knob on the FP-1's rear panel to adjust the tuning. (See page 7.)

The sound from the speakers is distorted or is suddenly reduced.

- Are the speakers of the proper type and impedance? The speakers you connect should be 4 Ω minimum. If improper speakers are used, sound distortion or a volume decrease could result (in order to protect the internal circuitry).

Information

When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

U. S. A.

Roland Corporation US
7200 Dominion Circle
Los Angeles, CA. 90040-
3696, U. S. A.
TEL: (213) 685 5141

CANADA

Roland Canada Music Ltd.
(Head Office)
5480 Parkwood Way
Richmond B. C., V6V 2M4
CANADA
TEL: (604) 270 6626

Roland Canada Music Ltd.

(Montreal Office)
9425 Transcanadienne
Service Rd. N., St Laurent,
Quebec H4S 1V3, CANADA
TEL: (514) 335 2009

Roland Canada Music Ltd.

(Toronto Office)
346 Watline Avenue,
Mississauga, Ontario L4Z
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TEL: (416) 890 6488

AUSTRALIA

Roland Corporation Australia Pty. Ltd.
38 Campbell Avenue
Dee Why West. NSW 2099
AUSTRALIA
TEL: (02) 982 8266

NEW ZEALAND

Roland Corporation (NZ) Ltd.
97 Mt. Eden Road, Mt. Eden,
Auckland 3, NEW ZEALAND
TEL: (09) 3098 715

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Roland (U.K.) Ltd.
Rye Close Ancells Business
Park Fleet, Hampshire GU13
8UY, UNITED KINGDOM
TEL: (0252) 816181

**Roland (U.K.) Ltd.,
Swansea Office**

Atlantic Close, Swansea
Enterprise Park, Swansea,
West Glamorgan SA79FL,
UNITED KINGDOM
TEL: (0792) 700 139

IRELAND

**The Dublin Service
Centre Audio
Maintenance Limited**
11 Brunswick Place Dublin 2
Republic of Ireland
TEL: (01) 677322

ITALY

Roland Italy S. p. A.
Viale delle Industrie 8 20020
ARESE MILANO ITALY
TEL: (02) 93581311

SPAIN

**Roland Electronics de
España, S. A.**
Calle Bolivia 239 08020
Barcelona, SPAIN
TEL: (93) 308 1000

GERMANY

**Roland Elektronische
Musikinstrumente
Handelsgesellschaft mbH.**
Oststrasse 96, 22844
Norderstedt, GERMANY
TEL: (040) 52 60090

FRANCE

**Guillard Musiques
Roland**
ZAC de Rosarge Les Echets
01700
MIRIBEL FRANCE
TEL: (72) 26 5060

**Guillard Musiques
Roland (Paris Office)**
1923 rue Léon Geoffroy
94400 VITRY-SUR-SEINE
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Roland Benelux N. V.
Houtstraat 1 B-2260 Oevel-
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TEL: (014) 575811

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Roland Scandinavia A/S
Langebrogade 6 Box 1937
DK-1023 Copenhagen K.
DENMARK
TEL: 31 95 31 11

SWEDEN

Roland Scandinavia A/S
Danvik Center 28 A, 2 tr.
S-131 30 Nacka SWEDEN
TEL: (08) 702 0020

NORWAY

**Roland Scandinavia Avd.
Kontor Norge**
Lilleakerveien 2 Postboks 95
Lilleaker N-0216 Oslo 2
NORWAY
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Fazer Musik Inc.
Länsituulentie POB 169,
SF-02101 Espoo FINLAND
TEL: (00) 43 5011

SWITZERLAND

**Roland (Switzerland) AG
Musitronic AG**
Gerberstrasse 5, CH-4410
Liestal, SWITZERLAND
TEL: (061) 921 1615

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E. Dematte & Co.
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A-6040 Innsbruck P.O.Box
83
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10682 Athens, GREECE
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4000 Porto, PORTUGAL
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Warehouse Area 'DEPO'
Torokbalint, Budapest
HUNGARY
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Twin Towers, 33 Jabntinsky St.
Room 211, Ramat Gan 52511
ISRAEL
TEL: (03) 751 8585

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**Radex Sound Equipment
Ltd.**
17 Diagorou St., P.O.Box
2046, Nicosia CYPRUS
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(2) 466 423

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**Zak Electronics &
Musical Instruments Co.**
P.O. Box 8050
DUBAI, U.A.E
TEL: 360715

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Easa Husain Al-Yousifi
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KUWAIT
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Heliopolis, Cairo, 11341
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**Tom Lee Music Co., Ltd.
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Wan, New Territories,
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TEL: 415 0911

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**Cosmos Corporation
Service Station**
261 2nd Floor Nak-Won
Arcade Jong-Ro ku, Seoul,
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TEL: (02) 742 8844

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BLOCK 231,
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TAIWAN, R.O.C.
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Republic of South Africa
TEL: (011) 403 4105

Paul Bothner (PTY) Ltd.

17 Werdmuller Centre
Claremont 7700
Republic of South Africa
TEL: (021) 64 4030

For Germany

Bescheinigung des Herstellers/Importeurs

Hiermit wird bescheinigt, daß der/die/das

Digital piano FP-1

(Gerät, Typ, Bezeichnung)

in Übereinstimmung mit den Bestimmungen der BMPT-AmtsblVg 243/1991 funk-entstört ist. Der vorschriftsmäßige Betrieb mancher Geräte (z. B. Meßsender) kann allerdings gewissen Einschränkungen unterliegen. Beachten Sie deshalb die Hinweise in der Bedienungsanleitung.

Dem Zentralamt für Zulassungen im Fernmeldewesen wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf die Einhaltung der Bestimmungen eingeräumt.

Roland Corporation

4-16 Dojimahama 1-Chome Kita-ku Osaka 530 Japan

(Name und Anschrift des Herstellers/Importeurs)

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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