

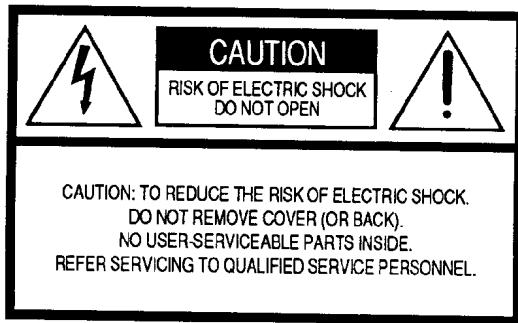
YAMAHA PORTATONE **PSR-6700**



Getting Started
Kurzanleitung
Pour commencer
Para empezar

SUPPLEMENTAL MARKING INFORMATION SPECIAL MESSAGE SECTION

Yamaha electronic products will have either a level similar to the graphic shown below or a molded/stamped facsimile of the graphic on its enclosure. The explanation of these graphics appears on this page. Please observe all cautions indicated.



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.



IMPORTANT SAFETY AND INSTALLATION INSTRUCTIONS

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

WARNING -When using electronic products, basic precautions should always be followed, including the following:

1. Read all Safety and Installation Instructions, Explanation of Graphical Symbols, and assembly instructions (where applicable) BEFORE using your Yamaha electronic product. Check unit weight specifications before you attempt to move this instrument!
2. **Main Power Supply Verification:** Your Yamaha electronic product has been manufactured specifically for the main supply voltage used in your area. If you should move, or if any doubt exists, please contact your dealer for instructions. The main supply voltage required by your electronic product is printed on the name plate. For name plate location, see "SPECIAL MESSAGE SECTION" item.
3. This product may be equipped with a polarized line plug (one blade wider than the other). If you are unable to insert the plug into the outlet, contact an electrician to have your obsolete outlet replaced. Do NOT defeat the safety purpose of the plug. Yamaha products not having polarized plugs incorporate construction methods and designs that do not require line plug polarization.
4. **WARNING-Do NOT** place objects on your electronic product's power cord or place the unit in a position where anyone could trip over, walk over, or roll anything over cords of any kind. Do NOT allow your electronic product or its bench to rest on or be installed over cords of any type. Improper installations of this type create the possibility of a fire hazard and/or personal injury.
5. **Environment:** Your electronic product should be installed away from heat sources such as a radiator, heat registers and/or other products that produce heat. Additionally, the unit should not be located in a position that exposes the cabinet to direct sunlight, or air currents having high humidity or heat levels.
6. Your Yamaha electronic product should be placed so that its location or position does not interfere with its proper ventilation.
7. Some Yamaha electronic products may have benches that are either a part of the product or supplied as an optional accessory. Some of these benches are designed to be dealer assembled. Please make sure that the bench is stable before using it. The bench supplied by Yamaha was designed for seating only. No other uses are recommended.
8. Some Yamaha electronic products can be made to operate with or without the side panels or other components that constitute a stand. These products should be used only with the components supplied or a cart or stand that is recommended by the manufacturer.
9. 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.
10. Do not use your Yamaha electronic product near water or in wet environments. For example, near a swimming pool, spa, or in a wet basement.
11. Care should be taken so that objects do not fall, and liquids are not spilled, into the enclosure through openings.
12. Your Yamaha electronic product should be serviced by a qualified service person when:
 - a. The power-supply cord or plug has been damaged; or
 - b. Objects have fallen, or liquid has been spilled into the product; or
 - c. The product has been exposed to rain; or
 - d. The product does not operate, exhibits a marked change in performance; or
 - e. The product has been dropped, or the enclosure of the product has been damaged.
13. When not in use, always turn your Yamaha electronic product "OFF". The power-supply cord of the product should be unplugged from the outlet when it is to be left unused for a long period of time. Notes: In this case, some units may lose some user programmed data. Factory programmed memories will not be affected.
14. 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.
15. **Electromagnetic Interference (RFI).** This series of Yamaha electronic products utilizes digital (high frequency pulse) technology that may adversely affect Radio/TV reception or the operation of other devices that utilize digital technology. Please read FCC Information on page 120 for additional information.
16. Do NOT attempt to service this product beyond that described in the user maintenance section of the owners manual. All other servicing should be referred to qualified service personnel.

PLEASE KEEP THIS MANUAL FOR FUTURE REFERENCE!

YAMAHA PORTATONE PSR-6700

Getting Started

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Kurzanleitung

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Pour commencer

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Français

Para empezar

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Español

Congratulations!

You are the proud owner of an extraordinary electronic keyboard. The Yamaha PSR-6700 PortaTone combines the most advanced AWM tone generation technology with state-of-the-art digital electronics and features to give you stunning sound quality with maximum musical enjoyment. The Interactive Accompaniment feature, in particular, is a brilliant example of how advanced technology can significantly expand your musical horizons.

In order to make the most of your PortaTone's features and vast performance potential, we urge you to read the manuals thoroughly while trying out the various features described. Keep the manuals in a safe place for later reference.

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Taking Care of Your PortaTone

Your PortaTone will give you years of playing pleasure if you follow the simple rules given below:

1. Avoid placing the PortaTone in areas that are subject to excessive humidity or heat. Do not leave the instrument near heaters or in a car exposed to direct sunlight, for example.
2. Avoid locations in which the instrument is likely to be exposed to excessive dust or moisture.
3. Connections between the PortaTone and any other device must be made with both pieces of equipment turned OFF.
4. Do not subject the instrument to strong physical shocks, and avoid placing heavy objects on it.
5. Use a soft cloth, dry or slightly damp, for cleaning. Never use chemicals such as benzine or thinner.
6. Since the PortaTone contains digital circuitry, it may cause interference if placed to close to radio or television receivers. If this occurs, move the instrument further away from the affected equipment.

Eject Floppy Disks Carefully

To eject a floppy disk, press the eject button slowly as far as it will go then, when the disk is fully ejected, remove it by hand.

The disk may not be ejected properly if the eject button is pressed too quickly, or it is not pressed in as far as it will go (the eject button may get stuck in a half-pressed position and the disk extends from the drive slot by only a few millimeters). If this happens, do not attempt to pull out the partially-ejected disk. Using force in this situation can damage the disk-drive mechanism. To remove a partially ejected disk, try pressing the eject button again, or push the disk back into the slot and then repeat the eject procedure — carefully.

Caution: Foreign Objects May Damage the Disk Drive

Do not insert anything but floppy disks into the disk drive of the unit, as foreign objects may cause damage to the disk drive or the floppy disk.

About the PSR-6700 Manuals

The PSR-6700 comes with three manuals: "Getting Started" (this manual), the "Advanced Features" manual, and the "Accompaniment Chord Progressions" manual.

The "Getting Started" Manual

This, as its name suggests, is the manual you should start with. The "Getting Started" manual will teach you everything you need to basically play and enjoy the PSR-6700, concentrating on the keys and controls visible on the panel when the control cover is closed.

The Getting Started manual covers:

- **Selecting and playing voices.**
- **Using the basic auto accompaniment functions.**
- **The percussion pads.**
- **Expression and effects.**
- **The panel registration feature.**
- **Playing Disk Orchestra Collection disks**

Go through the Getting Started manual first!

The "Advanced Features" Manual

The Advanced Features manual is the manual you'll want to refer to after you gain initial familiarity with the PSR-6700 — i.e. after you've carefully gone through the Getting Started manual. The Advanced Features manual concentrates on the many important functions hidden behind the control cover.

The Advanced Features manual covers:

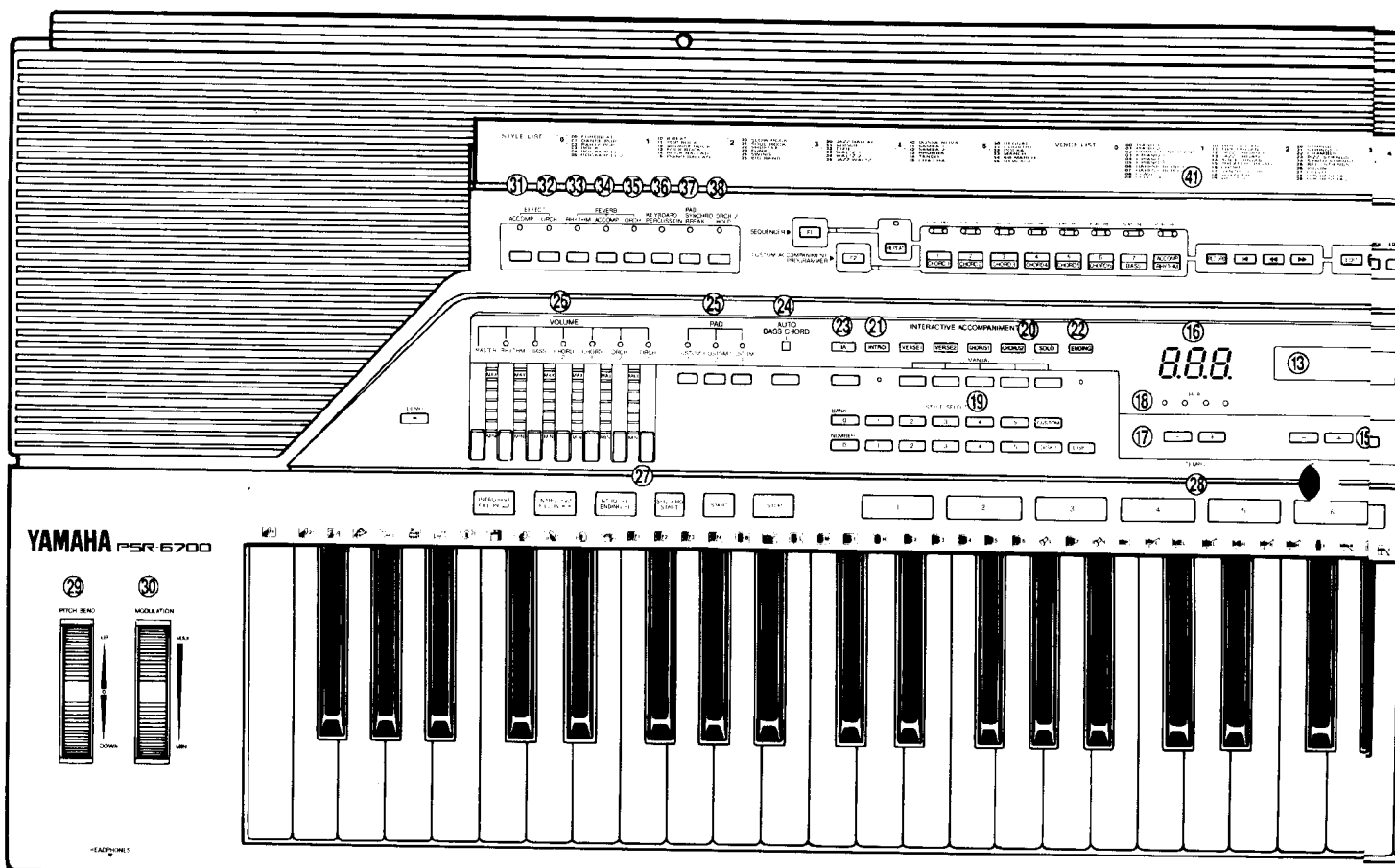
- **The sequencer.**
- **The custom accompaniment programmer.**
- **Custom voice editing.**
- **The PSR-6700's digital effects.**
- **Floppy disk operations.**
- **And a range of other functions including MIDI operations.**

Unlike the Getting started manual which is designed to be read through from beginning to end, the Advanced Features manual allows you to directly reference information on individual features and functions.

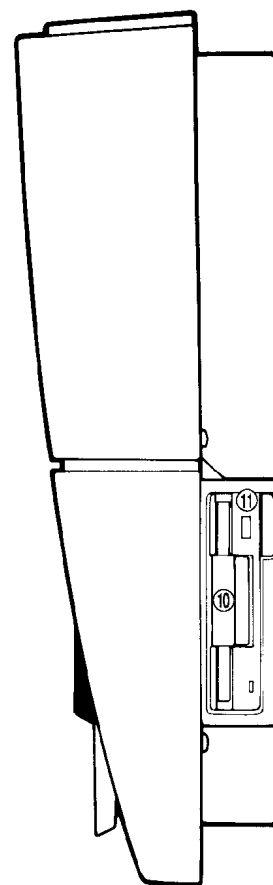
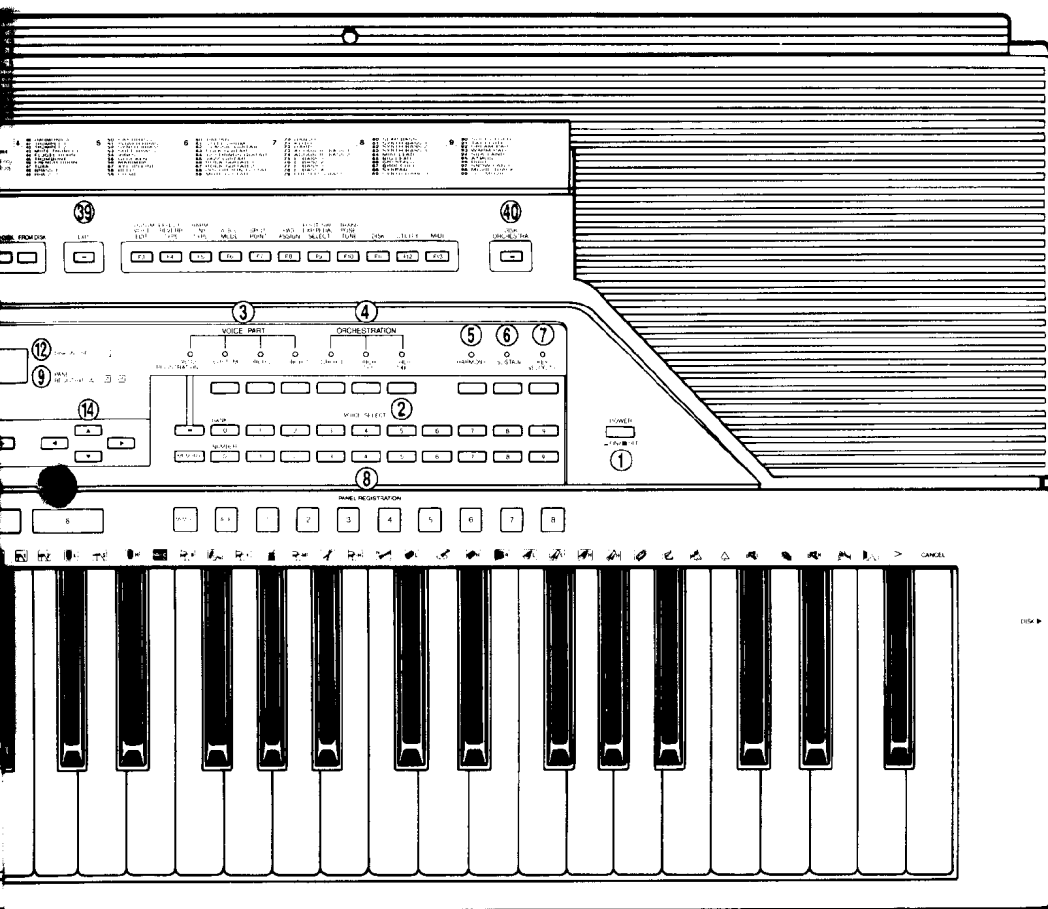
The "Accompaniment Chord Progressions" Manual

This manual gives details on the various chord progressions produced by the PSR-6700's sophisticated auto accompaniment system. You may want to refer to the "Accompaniment Chord Progressions" manual after learning how to use the auto accompaniment functions (described in this manual).

Nomenclature



- | | |
|--|---|
| ① POWER Button [page 8, 9] | ⑪ Disk Eject Button [page 27] |
| ② VOICE SELECT Buttons [page 11, 12] | ⑫ DISK IN USE Indicator [page 27] |
| ③ VOICE PART Buttons and Indicators [page 11] | ⑬ Liquid Crystal Display (LCD) Panel [page 8, 11, 12, 13, 26, 27] |
| VOICE REGISTRATION | ⑭ Cursor Buttons [page 9] |
| CUSTOM | ⑮ Left and Right [-] and [+] Buttons [page 8, 9, 11, 13, 27] |
| ORCH. 1 | ⑯ Tempo Display [page 13] |
| ORCH. 2 | ⑰ TEMPO [-] and [+] Buttons [page 13] |
| ④ ORCHESTRATION Buttons and Indicators [page 10] | ⑱ BEAT Display [page 15] |
| ORCH. 1 | ⑲ STYLE SELECT Buttons [page 13] |
| ORCH. 2+1 | ⑳ MANUAL Style Variation Buttons and Indicators [page 14, 15, 19, 20] |
| ORCH. 2◀1 | VERSE 1 |
| ⑤ HARMONY Button and Indicator [page 22] | VERSE 2 |
| ⑥ SUSTAIN Button and Indicator [page 22] | CHORUS 1 |
| ⑦ KEY VELOCITY Button and Indicator [page 22] | CHORUS 2 |
| ⑧ PANEL REGISTRATION Buttons [page 26] | SOLO |
| ⑨ PANEL REGISTRATION Indicators [page 26] | ⑳ INTRO. Indicator [page 14, 15] |
| ⑩ Disk Drive [page 8, 21, 27] | |

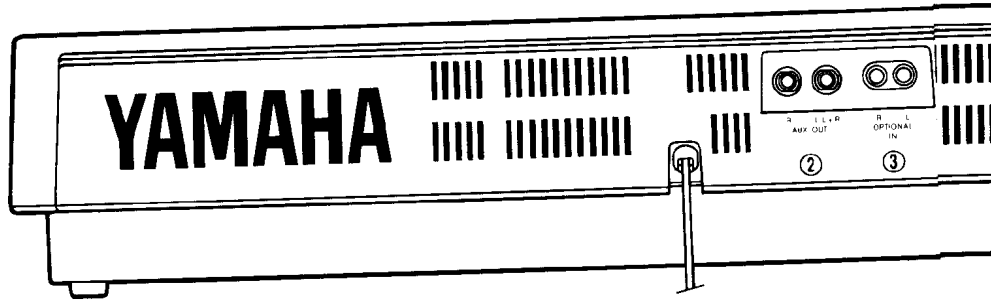
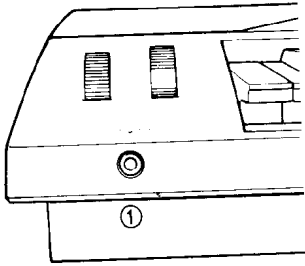


- 22 ENDING Indicator[page 15, 16]
- 23 IA Button and Indicator[page 20]
- 24 AUTO BASS CHORD Button
and Indicator[page 17]
- 25 PAD Buttons and Indicators[page 25]
- CUSTOM 1
- CUSTOM 2
- CUSTOM 3
- 26 VOLUME Controls and Indicators
.....[page 8, 9, 11, 16, 19, 28]
- MASTER
- RHYTHM
- BASS
- CHORD 1
- CHORD 2
- ORCH. 1
- ORCH. 2
- 27 Accompaniment Control Buttons .[page 16, 19]
- INTRO. → V1/FILL IN ⇄

- INTRO. → V2/FILL IN ⇄
- INTRO. → C1/ENDING-rit.
- SYNCHRO START
- START
- STOP

- 28 Percussion Pads[page 25]
- 29 PITCH BEND Wheel[page 22]
- 30 MODULATION Wheel[page 23]
- 31 EFFECT [ACCOMP.] Button[page 23]
- 32 EFFECT [ORCH.] Button[page 23]
- 33 REVERB [RHYTHM] Button[page 23]
- 34 REVERB [ACCOMP.] Button[page 23]
- 35 REVERB [ORCH.] Button[page 23]
- 36 [KEYBOARD PERCUSSION] Button ..[page 24]
- 37 [PAD SYNCHRO BREAK] Button[page 25]
- 38 [ORCH. 2 HOLD] Button[page 23]
- 39 [EXIT] Button[page 9, 27]
- 40 [DISK ORCHESTRA] Button[page 27]
- 41 Control Cover
.....[see the Advanced Features Manual]

Connections & Music Stand



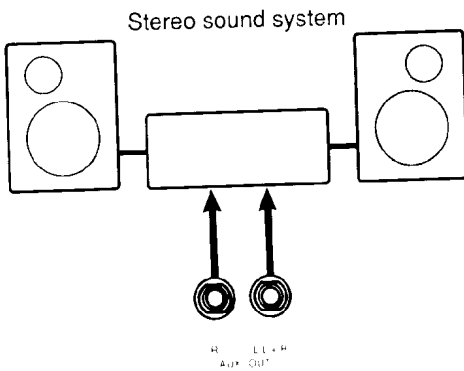
① The HEADPHONES Jack

A standard pair of stereo headphones can be plugged in here for private practice or late-night playing. The internal stereo speaker system is automatically shut off when a pair of headphones is plugged into the HEADPHONES jack.

② The AUX. OUT Jacks

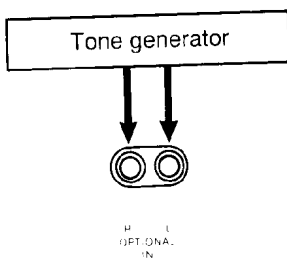
The rear-panel AUX. OUT L/L+R and R jacks deliver the output of the PSR-6700 for connection to a keyboard amplifier, stereo sound system, a mixing console, or tape recorder. If you will be connecting the PSR-6700 to a monaural sound system, use only the L/L+R jack. When a plug is inserted into the L/L+R jack only, the left- and right-channel signals are combined and delivered via the L/L+R jack so you don't lose any of the PSR-6700 sound.

Note: The AUX. OUT jack signal must never be returned to the OPTIONAL IN jacks, either directly or through external equipment.



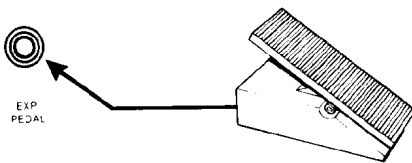
③ OPTIONAL IN L and R Jacks

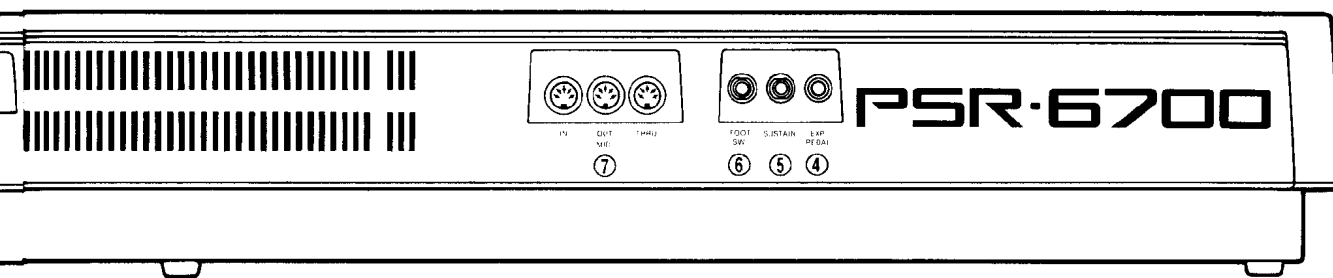
These jacks are intended primarily for use with external audio sources such as tone generators, drum machines, CD players, and similar equipment. The signal received via the OPTIONAL IN L and R jacks is reproduced via the PSR-6700's internal stereo amplifier and speaker system.



④ EXP. PEDAL Jack

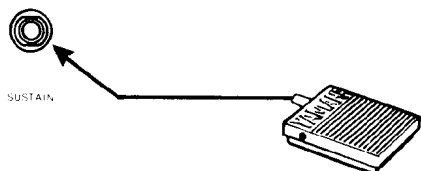
An optional Yamaha EP-1 Expression Pedal can be connected to this jack to allow foot expression (swell) control. Please note that no sound will be produced if the expression pedal is set to the minimum position.





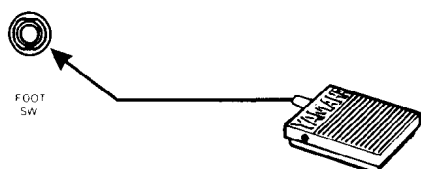
⑤ SUSTAIN Jack

The PSR-6700 comes with an FC-5 footswitch that should be connected here for foot sustain control. The footswitch functions like the damper pedal on a piano — press for sustain, release for normal sound.



⑥ FOOT SW. Jack

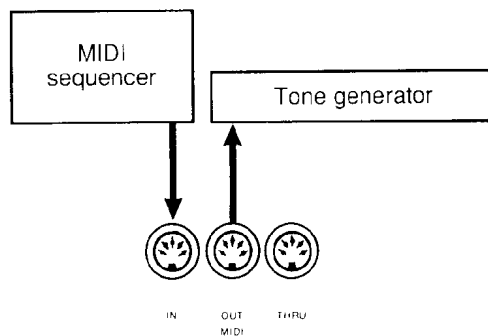
The supplied FC-5 footswitch or a second (optional) footswitch connected to this jack can be used to control a range of important functions. Refer to the “FOOT SWITCH SELECT” function described on page 39 of the Advanced Features manual.



⑦ MIDI IN, THRU and OUT Connectors

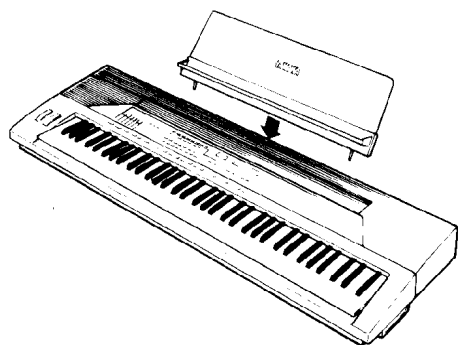
The MIDI IN connector receives MIDI data from an external MIDI device (such as a MIDI sequencer) which can be used to control the PSR-6700. The MIDI THRU connector re-transmits any data received at the MIDI IN connector, allowing “chaining” of several MIDI instruments or other devices. The MIDI OUT connector transmits MIDI data generated by the PSR-6700 (e.g. note and velocity data produced by playing the keyboard).

More details on MIDI are given in “[F13] MIDI” on page 48 of the Advanced Features manual.



● The Music Stand

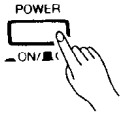
The PSR-6700 is supplied with a music stand that can be attached to the instrument by inserting the two pegs extending from its lower edge into the corresponding holes on the rear edge of the instrument.



The Demonstration

To give you an idea of the PSR-6700's sophisticated capabilities, it is programmed with two demonstration sequences which play automatically.

Note: The demonstration sequences are programmed for demonstration purposes — it is not possible to reproduce the demonstration sequences 100%.



1. Switch ON

Plug the AC power cord into a convenient AC outlet, then press the [POWER] button to turn the PSR-6700 ON.

```

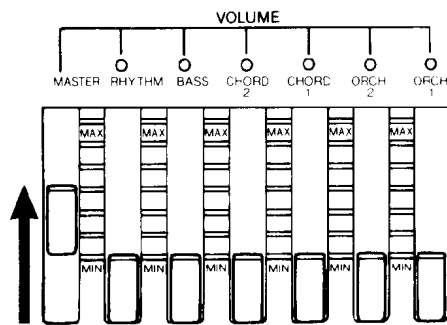
*** YAMAHA PORTATONE ***
*** PSR-6700 ***
    
```

```

>01:Piano2
01:DancePop 00:Piano1
    
```

2. Set Initial Volume Levels

Set the [MASTER] VOLUME control to a position about half way toward the "MAX" setting. You can re-adjust the [MASTER] VOLUME control for the most comfortable overall volume level after playback begins.

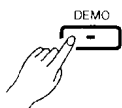


3. Press the [DEMO] Button

The demonstration will begin playing as soon as you press the [DEMO] button.

The demonstration will play continuously until the [DEMO] button is pressed a second time.*

* You can select playback of just one of the two demonstration sequences by using the [+] and [-] buttons below "Song=ALL" on the LCD panel while holding the [DEMO] button. Select "Song=1" or "Song=2" and then release the [DEMO] button. The selected demonstration will play through to the end and then stop automatically.

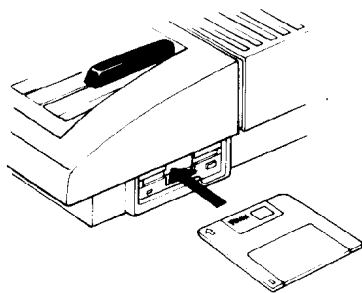
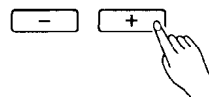


```

PSR-6700 DEMONSTRATION
Song=ALL
    
```

```

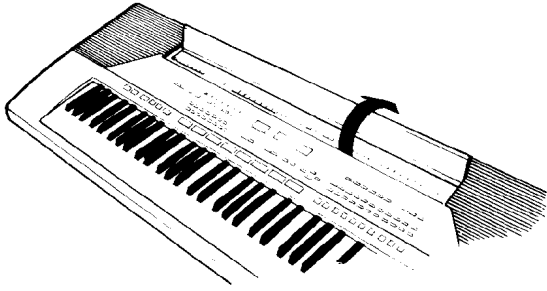
PSR-6700 DEMONSTRATION
Song= 1 Carnival
    
```



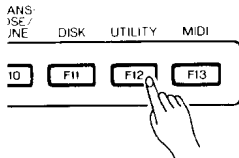
● Disk Demos

The DATA DISK supplied with the PSR-6700 contains an additional five demonstration tunes (3 through 7) that can be selected and played as described above if the DATA DISK is inserted into the DISK DRIVE prior to starting demonstration playback. Insert the disk into the drive with the metal door facing the drive slot and the disk label facing upwards.

Playing the PSR-6700

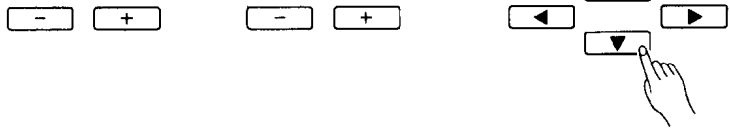


NOTE: Before beginning to play your PSR-6700, it might be a good idea to re-initialize it to the original factory settings just in case these have been changed at some point before you receive the instrument. To do this, open the control cover and press the [F12] UTILITY button. Now press the [▼] button to the lower right of the LCD panel a few times until the following display appears:



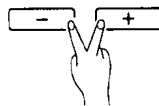
```

    □RECALL INITIAL DATA
    Data=AllData   -Execute-
  
```

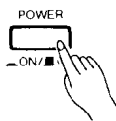
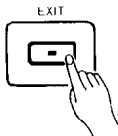


```

    □RECALL INITIAL DATA
    Data=AllData   Busy!
  
```

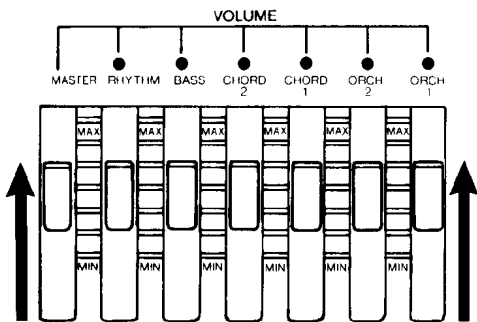


Press both the right [-] and [+] buttons under “-Execute-” on the display simultaneously. “Busy!” will appear while the initialization is taking place, and “Completed” will appear when the initialization is complete. Finally, press the [EXIT] button to return to the normal play mode.



1. Turn Power On and Set Initial Volume

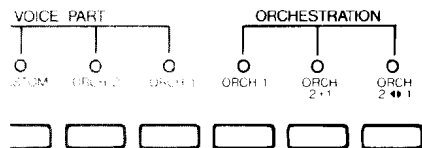
Press the [POWER] button to turn the power ON, and set all seven VOLUME controls about three-quarters of the way toward their MAX settings. You can set the [MASTER] VOLUME control for the most comfortable overall volume level after beginning to play.



Playing the PSR-6700

2. Select the Orchestration

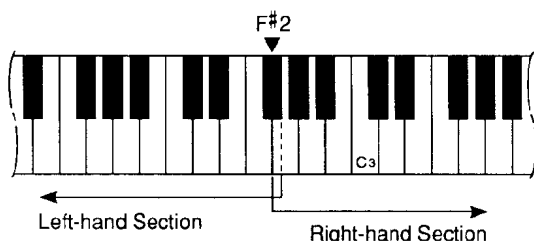
The PSR-6700 has three orchestration modes, selected by the corresponding ORCHESTRATION buttons. The corresponding ORCHESTRATION indicator will light.



ORCH. 1: In this mode a single voice — the ORCH. 1 voice — can be played across the entire keyboard.

ORCH. 2+1: This is a “dual” mode in which two voices — ORCH. 1 and ORCH. 2 — can be played simultaneously across the entire keyboard.

ORCH. 2 \blacktriangleleft 1: This is a “split” mode in which the ORCH. 2 voice is played on the left-hand section of the keyboard (to the left of the “split point” — see “NOTE” below), while the ORCH. 1 voice is played on the right-hand section of the keyboard.



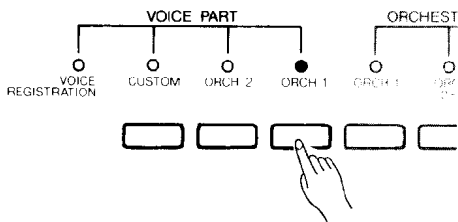
NOTE: The split point for the PSR-6700 is initially set at F#2 when the unit is shipped. This means that when the “ORCH. 2 \blacktriangleleft 1” mode is selected, the ORCH. 2 voice will be played by all keys to the left of and including F#2, while the ORCH. 1 voice will be played on all keys to the right of F#2. You can change the split point to any key desired by using the SPLIT POINT function described on page 37 of the Advanced Features manual.

3. Select a Voice or Voices

The PSR-6700 has 100 voices. A list of the voice names is printed on the underside of the control cover (flip up the control cover for easy reference).

Voice List

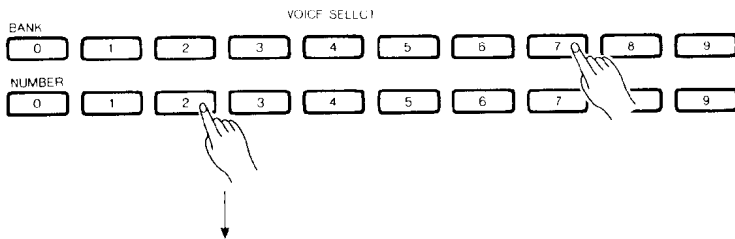
BANK 0	BANK 1	BANK 2	BANK 3	BANK 4
00 PIANO 1	10 PIPE ORGAN 1	20 STRINGS 1	30 FLUTE	40 HARMONICA
01 PIANO 2	11 PIPE ORGAN 2	21 STRINGS 2	31 PAN FLUTE	41 TRUMPET 1
02 HONKY-TONK PIANO	12 JAZZ ORGAN 1	22 CHAMBER	32 CLARINET	42 TRUMPET 2
03 E.PIANO 1	13 JAZZ ORGAN 2	23 PIZZ. STRINGS	33 WOOD ENSEMBLE	43 MUTE TRUMPET
04 E.PIANO 2	14 ROCK ORGAN	24 SYNTH STRINGS	34 OBOE	44 FLUGEL HORN
05 E.PIANO 3	15 THEATER ORGAN	25 BELL STRINGS	35 SAXOPHONE 1	45 TROMBONE
06 HARPSICHORD 1	16 CHOIR	26 VIOLIN	36 SAXOPHONE 2	46 FRENCH HORN
07 HARPSICHORD 2	17 SYNTH CHOIR	27 CELLO	37 REED SECTION	47 TUBA
08 CLAVI	18 VOYAGER	28 ORCHESTRA 1	38 ACCORDION 1	48 BRASS 1
09 CELESTA	19 WHISTLE	29 ORCHESTRA 2	39 ACCORDION 2	49 BRASS 2
BANK 5	BANK 6	BANK 7	BANK 8	BANK 9
50 FAT BRASS	60 TIMPANI	70 BANJO	80 SLAP BASS	90 SOFT CLOUD
51 POWER BRASS	61 STEEL DRUM	71 KOTO	81 SYNTH BASS 1	91 TAJ FLUTE
52 SYNTH BRASS	62 CLASSIC GUITAR	72 HARP	82 SYNTH BASS 2	92 DREAM PAD
53 SOFT BRASS	63 FOLK GUITAR	73 ACOUSTIC BASS 1	83 SYNTH BASS 3	93 WARM PAD
54 VIBES	64 12 STRINGS GUITAR	74 ACOUSTIC BASS 2	84 MINI LEAD	94 SILK LAND
55 GLOCKEN	65 JAZZ GUITAR	75 E.BASS 1	85 BIG LEAD	95 ATMOS
56 MARIMBA	66 ROCK GUITAR 1	76 E.BASS 2	86 CRYSTALS	96 DIGIT
57 XYLOPHONE	67 ROCK GUITAR 2	77 E.BASS 3	87 BROCCOLI	97 SNOW LAND
58 BELLS	68 DISTORTION GUITAR	78 E.BASS 4	88 SYN PAD	98 MOVIE TRACK
59 CHIME	69 MUTE GUITAR	79 FRETLESS BASS	89 SYNTH HARPSI.	99 SCI.MOVIE



>01:Piano2
01:DancePop 00:Piano1

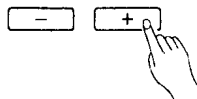
Press the [ORCH. 1] or [ORCH. 2] VOICE PART button, depending on which voice you want to select. The corresponding VOICE PART indicator will light and the “>” cursor on the LCD panel will move to the corresponding voice position.

Use the VOICE SELECT buttons to enter the number of the desired voice. Press a button in the upper row (BANK) to select the “BANK” or “tens” digit, and a button in the lower row (NUMBER) to select the “ones” digit. For example, to select voice number 72 (HARP), press the BANK [7] button and the NUMBER [2] button, in any order.



>72:Harp
01:DancePop 00:Piano1

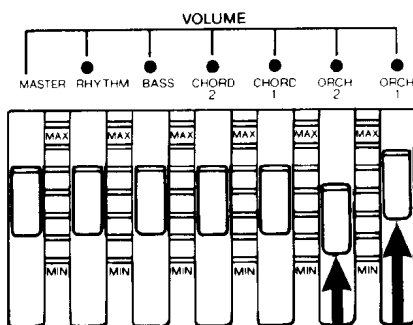
>72:Harp
01:DancePop 00:Piano1



The number of the ORCH. 1 or ORCH. 2 voice can also be decreased (decremented) or increased (incremented) by using the [-] and [+] buttons immediately below the voice names on the LCD panel. Press either button briefly to decrement or increment the voice number by one, or hold the button for continuous decrementing or incrementing.

4. Play & Adjust Volume

You can now play the selected voice or voices with the selected orchestration. Use the [MASTER] volume control to adjust the overall volume level, and the [ORCH. 1] and [ORCH. 2] VOLUME controls to set the desired balance between the ORCH. 1 and ORCH. 2 voices when either the dual or split orchestration mode is used.



NOTE: The tone of some voices may change slightly at one or more points on the keyboard. Some voices may also shift octaves on some of the lowest and highest keys of the keyboard. This is due to the way in which the voice waveforms were initially sampled and is normal.

Voice Registration

If you have particular combinations of voices you like to use in the dual or split orchestration modes, the PSR-6700 lets you store up to 10 different combinations in its Voice Registration memory so that they can be recalled by pressing a single button. Voice registration also memorizes the volume settings of the voices; the orchestration; the ON/OFF status of the key velocity, sustain, and harmony effects; and the reverb and effect settings.

Here's how you can store and recall voice combinations.

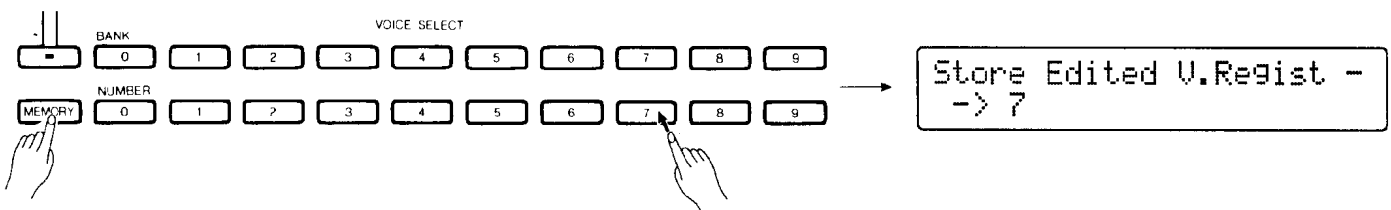
```
>73:Ac.Bass1
01:DancePop 54:Vibes
```

1. Select the Desired Voices

Select the desired ORCH. 1 and ORCH. 2 voices as described in the previous section. As an example, let's use the Acoustic Bass 1 (number 73) and Vibes (number 54) voices.

2. Register the Combination in Memory

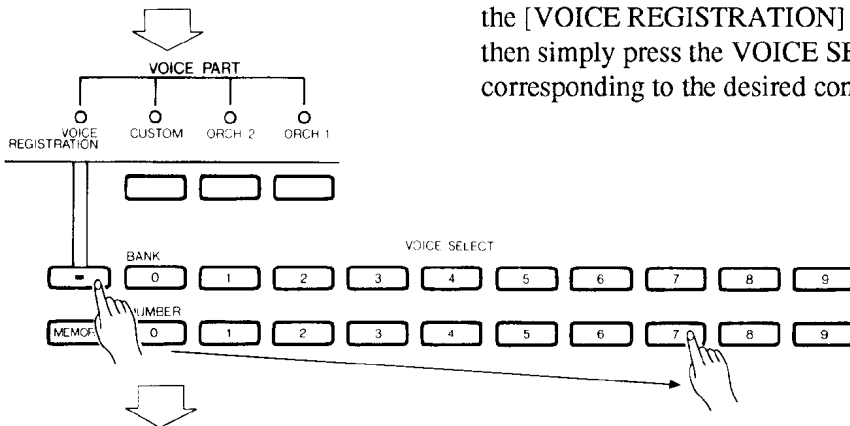
Press one of the VOICE SELECT NUMBER buttons ([0] through [9]) while holding the [MEMORY] button.



```
>01:Piano2
01:DancePop 00:Piano1
```

3. Recall the Registered Combination

Anytime you want to recall a registered voice combination, press the [VOICE REGISTRATION] button so that its indicator lights, then simply press the VOICE SELECT NUMBER button (lower row) corresponding to the desired combination.



```
>73:Ac.Bass1
01:DancePop 54:Vibes
```

Press the [VOICE REGISTRATION] button again so that its indicator goes out to return to the normal voice selection mode.

NOTE: The [VOICE REGISTRATION] button indicator will go out automatically if any of the parameters listed below are changed.

Data Stored By the Voice Registration Memory

- ORCHESTRA 1 VOICE
- ORCHESTRA 2 VOICE
- ORCHESTRA 1 VOLUME
- ORCHESTRA 2 VOLUME
- ORCHESTRATION
- ORCHESTRA EFFECT ON/OFF
- HARMONY ON/OFF
- HARMONY TYPE
- SUSTAIN ON/OFF
- SUSTAIN ORCH. 1/ORCH. 2 ON/OFF
- KEY VELOCITY ON/OFF
- ACCOMPANIMENT EFFECT ON/OFF
- PITCH BEND PART ASSIGN
- ORCHESTRA REVERB ON/OFF
- RHYTHM REVERB ON/OFF
- ACCOMPANIMENT REVERB ON/OFF
- REVERB TYPE & DEPTH
- EFFECT TYPE & DEPTH

Using the Accompaniment Section

Rhythm Accompaniment

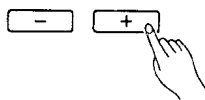
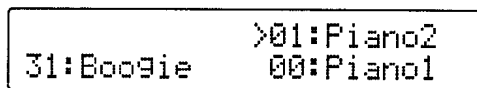
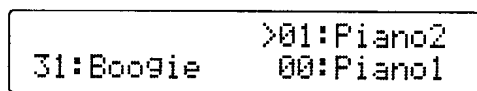
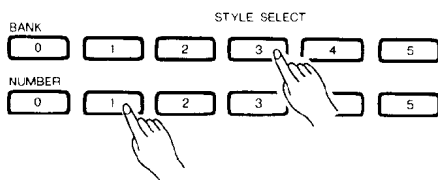
The PSR-6700 has 36 different accompaniment “styles” that can be used to provide rhythm-only or fully orchestrated accompaniment.

1. Select a Style

A list of the 36 accompaniment styles is printed on the underside of the control cover (flip up the control cover for easy reference).

Style List

BANK 0		BANK 1		BANK 2		BANK 3		BANK 4		BANK 5	
00	EUROBEAT	10	8 BEAT	20	SLOW ROCK	30	JAZZ BALLAD	40	BOSSA NOVA	50	REGGAE
01	DANCE POP	11	POP ROCK	21	SOUL ROCK	31	BOOGIE	41	SAMBA 1	51	COUNTRY
02	PARTY POP	12	BOUNCE ROCK	22	SHUFFLE	32	DIXIE	42	SAMBA 2	52	POLKA
03	ROCK	13	FOLK ROCK	23	FUNK	33	WALTZ 1	43	RHUMBA	53	MARCH
04	ROCK&ROLL 1	14	ROCK BALLAD	24	SWING	34	WALTZ 2	44	TANGO	54	6/8 MARCH
05	ROCK&ROLL 2	15	PIANO BALLAD	25	BIG BAND	35	JAZZ WALTZ	45	CHA-CHA	55	NEW AGE



Use the STYLE SELECT buttons to enter the number of the desired style. Press a button in the upper row (BANK) to select the “BANK” or “tens” digit, and a button in the lower row (NUMBER) to select the “ones” digit. For example, to select style number 31 (BOOGIE), press the BANK [3] button and the NUMBER [1] button, in any order. The selected style number and name is displayed at the lower left corner of the LCD panel.

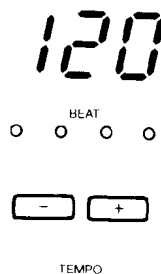
The number of the style can also be decreased (decremented) or increased (incremented) by using the [-] and [+] buttons immediately below the style name on the LCD panel. Press either button briefly to decrement or increment the style number by one, or hold the button for continuous decrementing or incrementing.

2. Set the Tempo

Whenever you select a different style, the “default” tempo for that style is also selected, and the tempo is displayed on the TEMPO display in quarter-note beats per minute (unless the accompaniment is playing, in which case the same tempo is maintained).

You can change the tempo to any value between 40 and 280 beats per minute, however, by using the [-] and [+] buttons below the BEAT display. This can be done either before the accompaniment is started or while it is playing. Press either button briefly to decrement or increment the tempo value by one, or hold the button for continuous decrementing or incrementing.

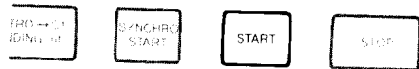
NOTE: The default tempo for the selected style can be recalled at any time by pressing both the [-] and [+] buttons simultaneously.



Using the Accompaniment Section

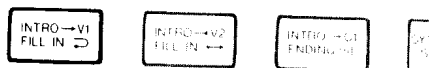
3. Start the Accompaniment

There are several ways to start the accompaniment:

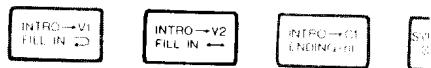
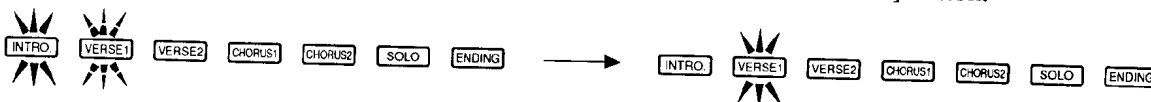


- **Straight start:** Press the [START] button.

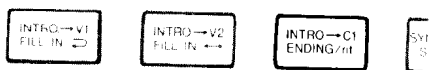
NOTE: It is also possible to select one of the several variations available prior to a straight start — refer to "4. Select Variations as Required," below.



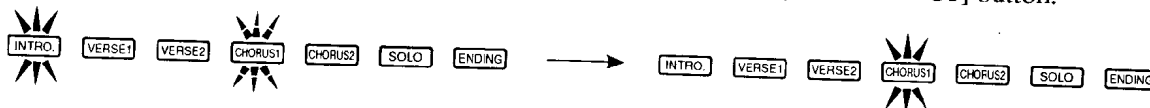
- **Start with an introduction followed by the VERSE 1 variation:** press the [INTRO. → V1] button.



- **Start with an introduction followed by the VERSE 2 variation:** press the [INTRO. → V2] button.



- **Start with an introduction followed by the CHORUS 1 variation:** press the [INTRO. → C1] button.



- **Synchronized start:** Any of the above start types can be synchronized to the first note or chord played on the left-hand section of the keyboard (i.e. keys to the left of and including the split-point key — normally F#2) by first pressing the [SYNCHRO START] button. Pressing the [SYNCHRO START] button alone causes a straight start to occur when the first note or chord is played. Press [SYNCHRO START] and then the appropriate INTRO button for a synchronized introduction start. The first dot of the BEAT display will flash at the current tempo when a synchronized start mode has been selected.

NOTE: Synchro start will not function if KEYBOARD PERCUSSION is on — see page 24.

Beat Display

The four LED dots of the BEAT display provide a visual indication of the selected tempo as shown to the left:

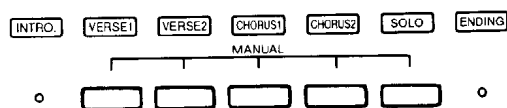
	3/4 Time	4/4 Time
1st Beat	● ○ ○ ○	● ○ ○ ○
2nd Beat	○ ● ○ ○	○ ● ○ ○
3rd Beat	○ ○ ● ○	○ ○ ● ○
4th Beat	○ ○ ○ ○	○ ○ ○ ●

Several LEDs will flash simultaneously on the first beat of odd-numbered measures in all time signatures.

NOTE: A Yamaha FC-5 footswitch plugged into the rear panel FOOT SW. jack can also be used to start the accompaniment if the appropriate function is assigned to the footswitch using the FOOT SWITCH SELECT function described on page 39 of the Advanced Features manual.

4. Select Variations as Required

Each accompaniment style has a number of variations: INTRO, VERSE 1, VERSE 2, CHORUS 1, and CHORUS 2. The VERSE and CHORUS variations further have more complex SOLO variations. There is also an ENDING variation which is described in step 6. The INTRO variation can be used to start the accompaniment as described in the preceding step. The remaining variations — VERSE 1, VERSE 2, CHORUS 1, CHORUS 2, and the SOLO variations of these — can be selected manually by pressing the corresponding MANUAL button. It is also possible to select the variation that will follow the INTRO by pressing the appropriate MANUAL button while the INTRO is playing.



Solo

Although the SOLO variations can be selected manually, they can also be activated automatically when “Interactive Accompaniment” (IA) is engaged (see page 20). If an accompaniment is playing and nothing is played on the keyboard for several measures, the SOLO mode is automatically engaged to “fill out” the accompaniment. When SOLO is on, not only are the variations more complex, but they will automatically cycle (VERSE 1 → VERSE 2 → CHORUS 1 → CHORUS 2 → VERSE 1, etc.). If the SOLO mode is on, it will be automatically disengaged after you begin playing on the keyboard.

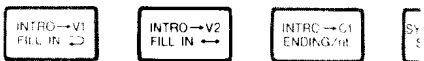
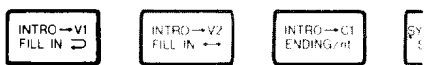
This automatic switching of the solo mode can be turned off via the Auto Solo function described on page 36 of the Advanced Features manual.

NOTE: The SOLO variation will be automatically disengaged if it is turned on prior to starting the accompaniment with an introduction.

Using the Accompaniment Section

5. Use Fill-ins

The PSR-6700 provides two types of automatic breaks or “fill-ins.”



- **FILL IN →**: Press the [FILL IN →] button to produce a short fill and return to the same variation.

- **FILL IN ↔**: Press the [FILL IN ↔] button to produce a fill and then go to the corresponding chorus or verse:

VERSE 1 ↔ CHORUS 1

VERSE 2 ↔ CHORUS 2

It is possible to change the variation that will play after the fill-in by pressing the appropriate MANUAL button while the fill-in is playing. If you hold one of the FILL buttons, the fill-in will repeat until the button is released.

NOTE: A Yamaha FC-5 footswitch plugged into the rear panel FOOT SW. jack can also be used to activate fill-ins if the appropriate function is assigned to the footswitch using the FOOT SWITCH SELECT function described on page 39 of the Advanced Features manual.

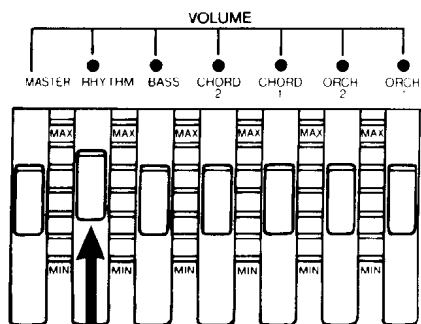
6. Stop the Accompaniment

The accompaniment can be stopped at any time by pressing the [STOP] button. Press the [ENDING/rit.] button if you want to go to the ending variation and then stop. Press the [ENDING/rit.] button while the ending variation is playing to produce a “ritardando” ending — i.e. the tempo gradually slows down during the ending.



● Rhythm Volume

Use the [RHYTHM] VOLUME control to adjust the volume of the rhythm in relation to the ORCH. 1 and ORCH. 2, and other parts to be described later.



Auto Bass Chord Accompaniment

The PSR-6700 includes a sophisticated Auto Bass Chord accompaniment system that can provide automated bass and chord backing in a number of ways. The bass and chord accompaniment produced is perfectly matched to the selected accompaniment style. The three ABC modes are:

```
FC >01:Piano2
01:DancePop 00:Piano1
```

```
SF >01:Piano2
01:DancePop 00:Piano1
```

```
MB >01:Piano2
01:DancePop 00:Piano1
```

- **Fingered Chord (FC):** This is the default ABC mode and its use will be described in detail below. The Fingered mode lets you finger your own chords on the left-hand section of the keyboard (i.e. all keys to the left of and including the split-point key — normally F#2), while the PSR-6700 supplies appropriately orchestrated rhythm, bass, and chord accompaniment in the selected style.

- **Single-finger (SF):** Single-finger accompaniment makes it simple to produce beautifully orchestrated accompaniment using major, seventh, minor and minor-seventh chords by pressing a minimum number of keys on the left-hand section of the keyboard.

See page 36 of the Advanced Features Manual for details on the Single-finger ABC mode.

- **Manual Bass (MB):** The Manual Bass mode provides an alternative to the normal split keyboard. The bass voice assigned to the left-hand keyboard section is monophonic, while a polyphonic ORCH. 1 voice is played on the upper section of the keyboard. You can select any of the PSR-6700's 100 voices to play on the lower section of the keyboard — of course, it's normal to choose a bass voices for the left hand.

See page 36 of the Advanced Features manual for details on the Manual Bass mode.

NOTE: The maximum number of notes that can be played simultaneously on the PSR-6700 keyboard is reduced when the Auto Bass Chord feature is used.

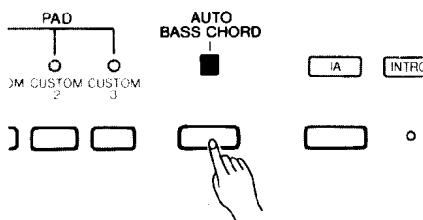
1. Turn ABC ON

Press the [AUTO BASS CHORD] so that its indicator lights, thereby turning the ABC mode on.

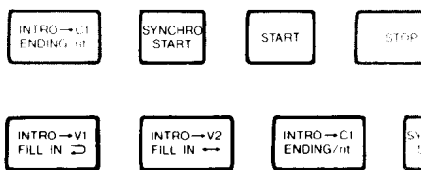
2. Select a Style & Set the Tempo

Select the desired accompaniment style and variation as described in the Rhythm Accompaniment section. Although you can select the ORCH. 1 voice you intend to play on the right-hand section of the keyboard and the ORCH. 2 voice if you use the split mode, the PSR-6700 automatically determines the voices to be used for the accompaniment bass and chords according the accompaniment style you select.

The tempo can also be set in the same way as described in the Rhythm Accompaniment section on page 13.



Using the Accompaniment Section



3. Start the Accompaniment

Press the **START** button, **SYNCHRO START** button or one of the **INTRO** buttons to determine how the accompaniment will be started (see “3. Start the Accompaniment” in the “Rhythm Accompaniment” section on page 14). If you press the **START** button, the rhythm will begin playing immediately without bass and chord accompaniment.

4. Play a Chord

As soon as you play any chord that the PSR-6700 can “recognize” on the left-hand section of the keyboard (see fingering chart on page 114), the PSR-6700 will automatically begin to play the chord along with the selected rhythm and an appropriate bass line. The accompaniment will continue playing even if you release the left-hand keys. When changing chords, be sure to release all keys before playing a new chord.

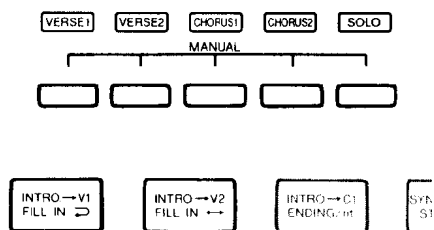
The PSR-6700 will accept the chord types listed below (notes in parentheses may be omitted).

Chord	Abbreviation	Normal Voicing
Major	M	1-3-5*
Minor	m	1-b3-5*
Major seventh	M7	1-3-(5)-7*
Major Sixth	6	1-3-5-6
Suspended fourth	sus4	1-4-5*
Minor sixth	m6	1-b3-5-6
Minor seventh	m7	1-b3-(5)-b7
Minor seventh flatted fifth	m7-5	1-b3-b5-b7
Minor major seventh	mM7	1-b3-(5)-7*
Seventh	7	1-3-(5)-b7*
Seventh flatted fifth	7-5	1-3-b5-b7
Seventh sharped fifth	7+5	1-3-#5-b7*
Seventh suspended fourth	7sus4	1-4-5-b7*
Added ninth	add9	1-2-3-5*
Minor added ninth	madd9	1-2-b3-5*
Seventh ninth	7(9)	1-2-3-(5)-b7*
Minor seventh ninth	m7(9)	1-2-b3-(5)-b7*
Major seventh ninth	M7(9)	1-2-3-(5)-7*
Minor major seventh added ninth	mM7(9)	1-2-b3-(5)-7*
Seventh flatted ninth	7(b9)	1-b2-3-(5)-b7*
Major seventh flatted fifth	M7-5	1-3-b5-7*
Augmented	aug	1-3-#5
Diminished	dim	1-b3-b5-(6)

* Chords marked with an asterisk (*) can be played in any inversion (i.e. the root of the chord does not have to be the lowest note played).

NOTE: If you play in the left-hand section of the keyboard while the ABC function is on but the accompaniment is stopped, only the root of the chord will sound.

5. Change Variations & Use Fills as Required



The MANUAL buttons can be used to select different accompaniment variations and the FILL buttons can be used to produce fill-ins in the same way as described on page 16. The SOLO variations also function in the same way as described previously.

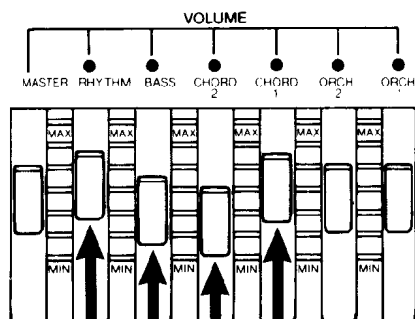
NOTE: Some INTRO, ENDING, and SOLO variations have their own chord progressions which play in the current accompaniment key — the key is shown in the top left-hand corner of the LCD. Refer to the "ACCOMPANIMENT CHORD PROGRESSIONS" manual.

6. Stop the Auto Accompaniment



The accompaniment can be stopped at any time by pressing the [STOP] button. Press the [ENDING/rit.] button if you want to go to the ending variation and then stop.

The AUTO BASS CHORD mode can be turned off at any time — leaving the rhythm only — by pressing the [AUTO BASS CHORD] button so that its indicator goes out.

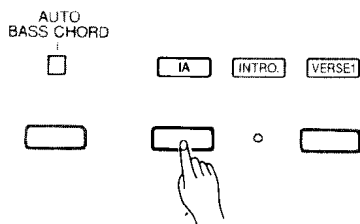


● Accompaniment Volume

Use the [RHYTHM], [BASS], [CHORD 1], and [CHORD 2] VOLUME controls to set the best balance between the corresponding accompaniment parts, and the optimum volume of the accompaniment parts in relation to the ORCH. 1 and ORCH. 2 voices.

Using the Accompaniment Section

Interactive Accompaniment



Press the [IA] button to light the IA indicator and activate the Interactive Accompaniment mode. In this mode the PSR-6700 uses advanced technology to monitor the way you are playing on the keyboard and automatically varies the rhythm or ABC accompaniment accordingly.

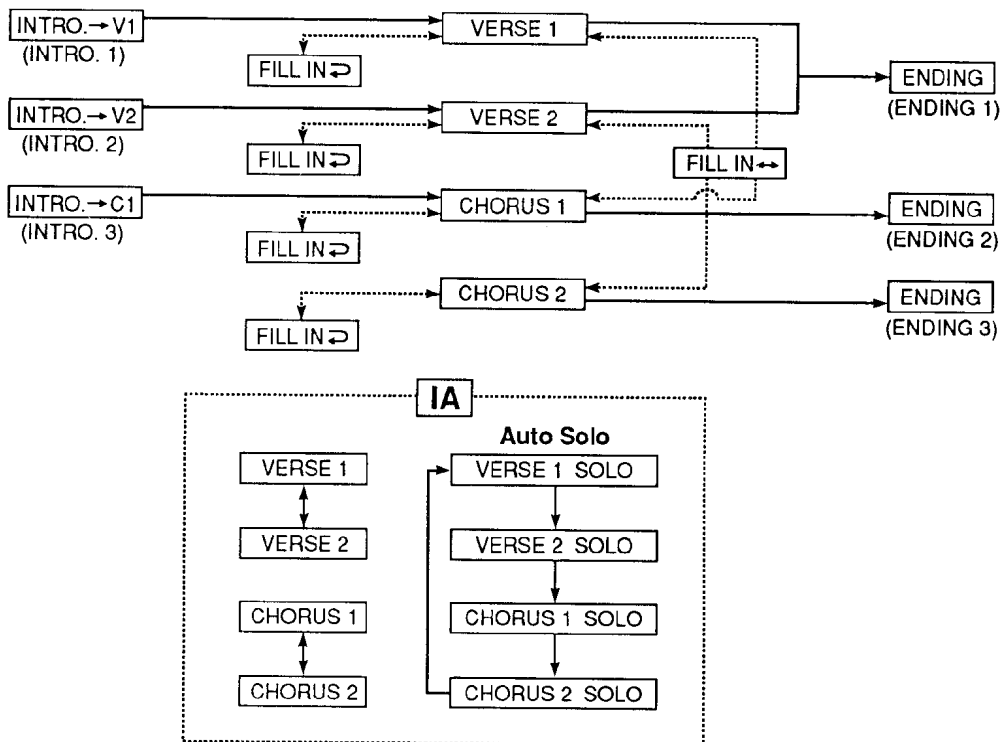
If you are playing with the VERSE 1 variation, for example, and you begin to build up the musical excitement on the keyboard (i.e. play more notes, faster, and/or harder) the PSR-6700 will automatically switch to the VERSE 2 variation to better support what you are playing. On the other hand, if you play more mellow right-hand lines the PSR-6700 will automatically “shift down” to the VERSE 1 variation. The same applies to the CHORUS 1 and CHORUS 2 variations.

NOTE: The “sensitivity” of the Interactive Accompaniment mode can be adjusted via the IA Sensitivity function described on page 37 of the Advanced Features manual. Also note that automatic switching between VERSE 1 and VERSE 2 or CHORUS 1 and CHORUS 2 will not occur if IA MODE 1 is selected — see page 36 of the Advanced Features manual.

● Auto Solo

When the AUTO SOLO function is turned ON (ON is the default setting — see page 36 of the Advanced Features manual), the SOLO accompaniment variations will automatically be activated if nothing is played on the keyboard for a few measures. Further, the solo variations will automatically be de-activated from the end of the current phrase after keyboard performance is resumed.

ABC/IA Accompaniment Flow Diagram

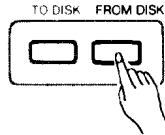
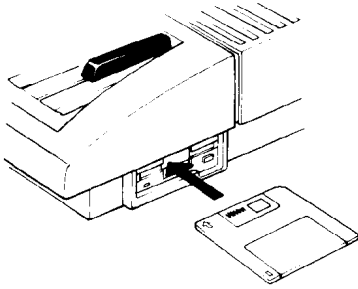


* Refer to the “Accompaniment Chord Progressions” manual for more details on the variations.

■ Using the Disk Styles on the Supplied Data Disk

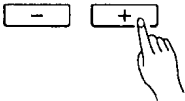
The Disk Styles

	[DISK 1]	[DISK 2]
SET 1	HARD ROCK	6/8 ROCK
SET 2	SLOW ROCK 2	LATIN POP
SET 3	R&B	BOSSA NOVA 2
SET 4	SAMBA 3	TANGO 2

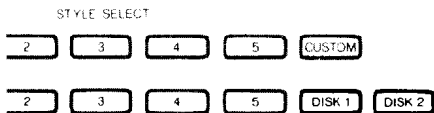
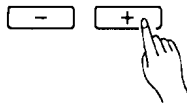


```
FROM DISK      Size: 81k
00:SET1        NO YES
```

```
FROM DISK      Size: 58k
01:SET2        NO YES
```



```
FROM DISK      Size: 58k
01:SET2        NO YES
```



The data disk supplied with the PSR-6700 contains 8 disk styles (4 sets of 2 styles each) that can be used in addition to the 36 internal styles. Use the following procedure to assign the desired disk styles to the [DISK 1] and [DISK 2] style buttons on the PSR-6700 panel.

1. Insert the data disk into the PSR-6700 disk drive (located on the side of the instrument to the right of the keyboard) with the disk shutter facing the drive slot and the label side facing upward. The disk should click into place and the DISK IN USE lamp to the right of the LCD will light briefly while the PSR-6700 reads and identifies the disk.
2. Press the [FROM DISK] button located under the control cover. The display shown to the left should appear.
3. Use the left [-] and [+] buttons below the display to select the file ("set") number that you want to load.
4. Once the desired set has been selected, press the right [+] button to begin loading. "Don't remove disk" will appear on the display while the data is loading. "Completed!" will appear briefly when the data has been successfully loaded, and the normal play mode will then be automatically engaged.

If you press the right [-] button instead of the [+], the load operation will be cancelled and the normal play mode will be engaged immediately.

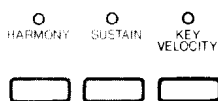
Once loaded, the disk styles can be selected and used in the same way as the internal styles by pressing the [DISK 1] or [DISK 2] button.

NOTE: The "SET 1" file contains sequence and custom style data in addition to the disk style data. This data will be loaded as well as the disk style data when SET 1 is loaded via the above procedure. See "F11 DISK" on page 43 of the Advanced Features manual for instructions on how to load only the disk style data.

NOTE: If an error message appears during the disk load procedure, refer to page 45 of the Advanced Features manual for details.

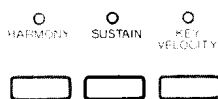
Expression & Effects

● Key Velocity



Press the [KEY VELOCITY] button to turn keyboard touch sensitivity on (indicator lit) or off (indicator not lit). When on, the loudness and in some cases the timbre of notes can be controlled by how hard (fast, actually) you play the keys — just like the response of an acoustic keyboard instrument. It is useful to turn KEY VELOCITY off when playing voices of instruments that do not normally have touch response — organ, for example.

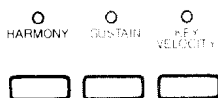
● Sustain



Press the [SUSTAIN] button to turn the sustain effect on or off. When-on (indicator lit), extra sustain is applied to the selected voice. If a footswitch connected to the rear-panel SUSTAIN jack is pressed in order to apply sustain, however, the panel SUSTAIN function will be automatically turned off.

NOTE: Sustain can be applied to the ORCH. 1 voice only, the ORCH. 2 voice only, or both voices via the SUSTAIN ASSIGN function described on page 46 of the Advanced Features manual.

● Harmony

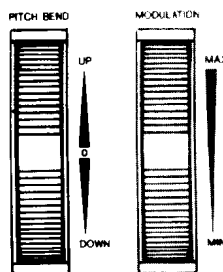


The harmony effect can only be used when the AUTO BASS CHORD accompaniment mode is selected. Press the [HARMONY] button to turn the HARMONY effect on or off. When HARMONY is on (indicator lit), playing single notes or chords* on the right-hand section of the keyboard produces automatic harmony matched to the accompaniment chords. The type of harmony produced can be selected via the Harmony Type function described on page 35 of the “Advanced Features” manual.

* The harmony is based on the top note of chords.

NOTE: Slight tempo delays may occur when harmony is used in conjunction with the ABC Fingered Chord mode.

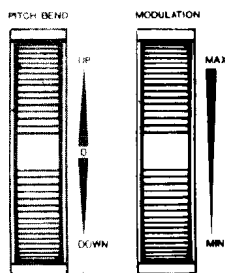
● Pitch Bend



The PITCH BEND wheel to the left of the keyboard lets you bend the pitch of notes played on the keyboard up or down. Normal pitch is restored when the PITCH BEND WHEEL is released. The maximum pitch bend is preset for each voice, but can be set as required by using the CUSTOM VOICE EDIT feature described on page 28 of the Advanced Features manual.

• Pitch bend can be applied to the ORCH. 1 voice only, the ORCH. 2 voice only, or both voices via the PITCH BEND ASSIGN function described on page 46 of the Advanced Features manual.

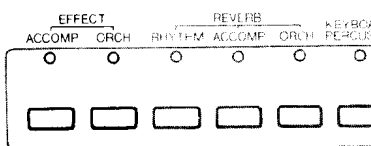
• The pitch bend wheel may cause sudden pitch variations on and near the lowest and highest notes of the keyboard with some voices.



● Modulation

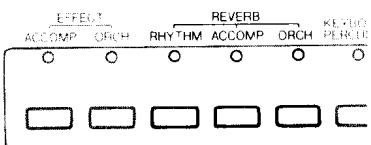
The MODULATION wheel to the left of the keyboard lets you apply amplitude and/or pitch modulation to notes played on the keyboard. Rolling the MODULATION wheel upward (away from you) increases the modulation depth. The modulation range is preset for each voice, but can be set as required by using the CUSTOM VOICE EDIT feature described on page 28 of the Advanced Features manual.

• Modulation affects only the ORCH. 1 voice.



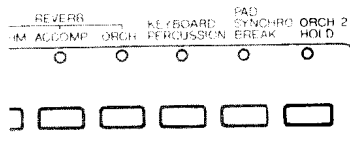
● Effects

Press the EFFECT [ACCOMP.] button under the control cover to apply the effect specified by the "EFFECT/REVERB TYPE" function described on page 34 of the Advanced features manual to the accompaniment (bass and chords only) sound. The EFFECT [ORCH.] button applies the same effect to the orchestra (both ORCH. 1 and ORCH. 2) sound. Both buttons alternately turn the effect on (indicator lit) or off (indicator out).



● Reverb

Press the REVERB [RHYTHM], [ACCOMP.], or [ORCH.] button to apply the reverb effect specified by the "EFFECT/REVERB TYPE" function described on page 34 of the Advanced features manual to the rhythm, accompaniment (bass and chords), or orchestra (both ORCH. 1 and ORCH. 2) sound. All three buttons alternately turn the reverb effect on (indicator lit) or off (indicator out).



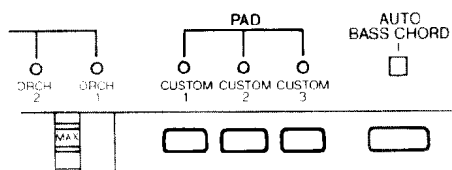
● Orch. 2 Hold

This function causes the ORCH. 2 voice to be held even when the keys are released when using the Fingered Chord ABC and Split modes. Non-decaying voices such as strings are held continuously, while decay-type voices such as piano decay more slowly (as if the sustain pedal has been pressed).

NOTE: The ORCH. 2 HOLD function works only while Fingered Chord ABC accompaniment is running. Further, ORCH. 2 HOLD is temporarily disengaged during ENDING variations and INTRO or SOLO variations that have their own chord progressions.

The Percussion Pads

The PSR-6700's eight percussion pads let you play percussion to accompany other instruments, or add original rhythm fills and breaks to your performances.



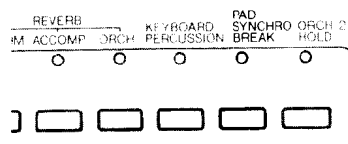
Each percussion pad can be assigned any of the PSR-6700's 74 different percussion instruments and sound effects. Three different custom assignment "sets" can be created for the percussion pads as described on page 38 of the Advanced Features manual. Simply select the desired custom pad set by pressing the appropriate CUSTOM button (its indicator will light). The CUSTOM 1 through 3 pad sets are initially programmed as follows:

CUSTOM 1 PRESETS		CUSTOM 2 PRESETS		CUSTOM 3 PRESETS	
PAD 1	Kick 1	PAD 1	Conga Low	PAD 1	Bird 2
PAD 2	Snare 4	PAD 2	Conga Hi	PAD 2	Rooster
PAD 3	Tom Low	PAD 3	Conga Mute	PAD 3	Train
PAD 4	Tom Mid	PAD 4	Shaker	PAD 4	Scratch Noise Low
PAD 5	Tom Hi	PAD 5	Agogo Low	PAD 5	Scratch Noise Hi
PAD 6	Closed Hi-Hat Low	PAD 6	Agogo Hi	PAD 6	Dropping Coin
PAD 7	Open Hi-Hat Low	PAD 7	Hand Claps	PAD 7	Wool!
PAD 8	Crash Cymbal 2	PAD 8	Whistle Hi	PAD 8	Applause



● Pad Synchro Break

This function allows you to create your own fill-ins using the percussion pads while one of the PSR-6700 accompaniments is playing. When the [PAD SYNCHRO BREAK] button under the control cover is pressed and its LED is lit, playing on the percussion pads causes the accompaniment rhythm to stop playing (except for a time-keeping beat on the first beat of each measure) so you can create your own fill-in. The accompaniment rhythm begins playing from the beginning of the next measure when you stop playing the percussion pads.



Panel Registration

The PSR-6700 Panel Registration feature can be used to memorize 16 complete control-panel setups (2 banks, 8 setups each) that you can recall whenever needed.

INITIAL PANEL REGIST A1
MOODY ORGAN

- When the PSR-6700 is in its initial factory-preset condition, the panel registration memories contain preset setups. When these are recalled, a descriptive setup name will appear on the LCD for a few seconds.

● Memory Store

1. Set Up the Controls as Required

Make the desired control settings. The following settings are memorized by the Panel Registration function:

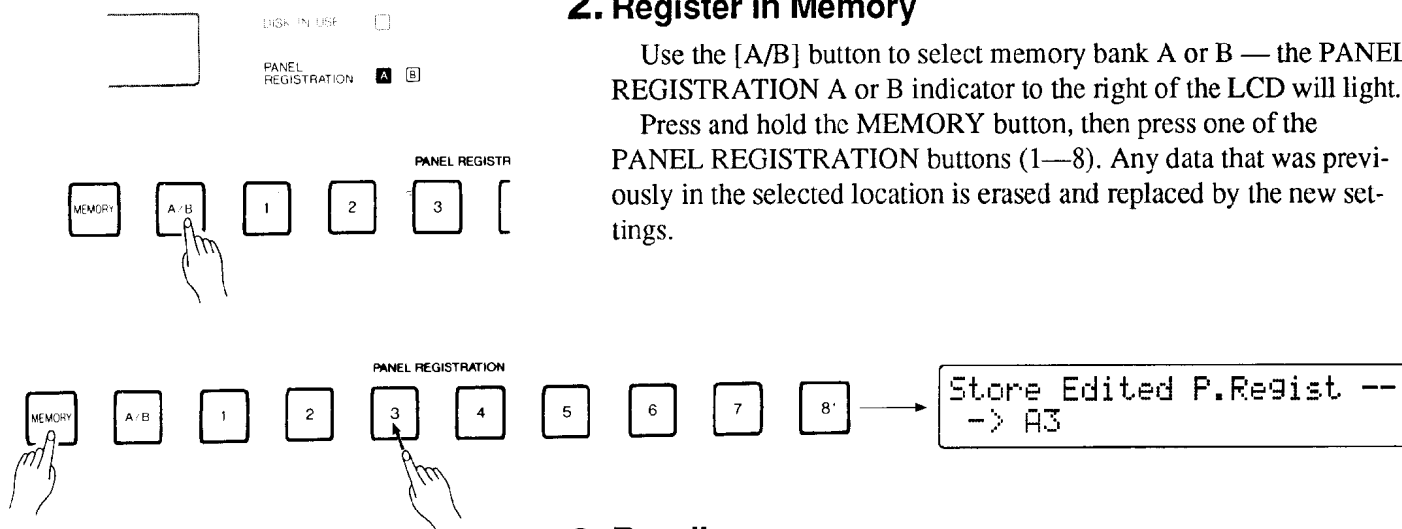
Data Stored By the Panel Registration Memory

- ORCHESTRA 1 VOICE
- ORCHESTRA 2 VOICE
- CUSTOM VOICE ON/OFF
- MANUAL BASS VOICE
- VOICE REGISTRATION ON/OFF
- ORCHESTRA 1 VOLUME
- ORCHESTRA 2 VOLUME
- BASS VOLUME
- CHORD 1 VOLUME
- CHORD 2 VOLUME
- RHYTHM VOLUME
- ORCHESTRATION
- ORCHESTRA EFFECT ON/OFF
- ORCHESTRA EFFECT DEPTH
- HARMONY ON/OFF
- HARMONY TYPE
- REVERB RHYTHM ON/OFF
- REVERB ACCOMPANIMENT ON/OFF
- REVERB ORCHESTRA ON/OFF
- REVERB TYPE
- RHYTHM REVERB DEPTH
- ACCOMPANIMENT REVERB DEPTH
- ORCHESTRA REVERB DEPTH
- SUSTAIN ON/OFF
- SUSTAIN LEFT OR RIGHT ON/OFF
- KEY VELOCITY ON/OFF
- ACCOMPANIMENT EFFECT ON/OFF
- ACCOMPANIMENT EFFECT DEPTH
- STYLE
- ABC ON/OFF
- IA ON/OFF
- STYLE SELECT (VERSE 1/2, CHORUS 1/2)
- SOLO ON/OFF
- PAD CUSTOM SELECT (1, 2, 3)
- SYNCHRO BREAK ON/OFF
- KEYBOARD PERCUSSION ON/OFF
- TEMPO
- ABC MODE
- MANUAL BASS VOICE
- IA MODE & SENSITIVITY
- FOOT SWITCH ASSIGN
- EXPRESSION PEDAL ASSIGN
- TRANSPOSE
- EFFECT TYPE
- SPLIT POINT
- ORCHESTRA HOLD ON/OFF
- PITCH BEND ASSIGN

2. Register in Memory

Use the [A/B] button to select memory bank A or B — the PANEL REGISTRATION A or B indicator to the right of the LCD will light.

Press and hold the MEMORY button, then press one of the PANEL REGISTRATION buttons (1—8). Any data that was previously in the selected location is erased and replaced by the new settings.



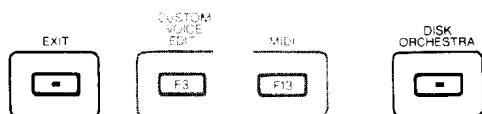
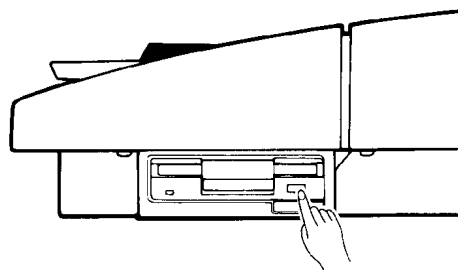
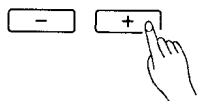
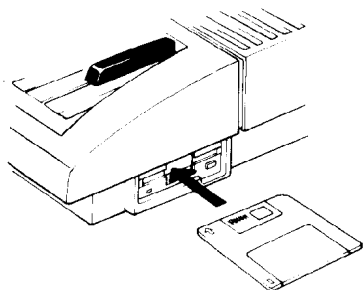
● Recall

Simply select the appropriate bank using the [A/B] button and press the desired PANEL REGISTRATION button (1—8) at any time to recall the memorized settings.

- No registration name is displayed when a user registration setup is recalled.
- The preset registration setups can be recalled by using the initialization procedure described on page 47 of the Advanced Features manual.

Playing DOC (Disk Orchestra Collection) Disks

Using DISK ORCHESTRA disks (available from Yamaha), the PSR-6700 will let you enjoy listening to automated performances, or function as your "private music tutor," allowing you to practice various parts of a piece while the others are played automatically.



● Automatic Performance

1. Insert the DISK ORCHESTRA disk into the PSR-6700 disk drive (located on the side of the instrument to the right of the keyboard) with the metallic disk door facing the drive slot and the label side facing upward. The disk should click into place and the DISK IN USE lamp to the right of the LCD will light briefly while the PSR-6700 reads and identifies the disk.

2. When the disk is inserted and identified the display shown to the left will appear (if this display doesn't appear, press the [DISK ORCHESTRA] button):

Use the [-] and [+] buttons below "Song=ALL" display to select the desired song number. Select "ALL" if you want all songs on the disk to be played and repeated until playback is stopped.

3. Start playback of the selected song by pressing the [START] button. Unless "ALL" is selected, the selected song will play through to the end and playback will stop automatically. The current measure number will normally be shown on the LCD display during playback.

Playback can be stopped at any time by pressing the [STOP] button.

• Please note that playback cannot be started while the PSR-6700 is searching the disk for a selected song — this can take several seconds.

• Some Disk Orchestra software does not produce a tempo display (e.g. free-tempo phrases, etc.). In this case, three lit bars appear along the center of the TEMPO display.

4. When you've finished with the currently loaded disk, simply press the disk drive EJECT button to remove it. This will automatically exit the DISK ORCHESTRA mode.

CAUTION: NEVER eject a disk or turn the power off while:

- 1) the DISK IN USE lamp is on.
- 2) the DISK ORCHESTRA function is playing.

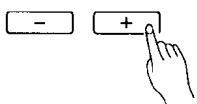
• You can exit from the DOC mode by pressing the [DISK ORCHESTRA] button or the [EXIT] button under the control cover.

Playing DOC (Disk Orchestra Collection) Disks

● Playing Back only Specific Parts

By turning off the left- or right-hand melody part, or both, you can practice playing those parts on the PSR-6700 keyboard. Sheet music is provided with the Disk Orchestra Collection disks.

Use the [-] and [+] buttons under "Mode=L+R" on the display to select the desired mode:

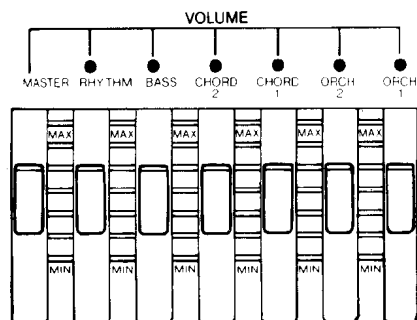


- **Mode=L+R:** Both the left- and right-hand parts are played automatically.
- **Mode=L:** Only the left-hand part is played automatically so you can practice the right-hand part.
- **Mode=R:** Only the right-hand part is played automatically so you can practice the left-hand part.
- **Mode=Off:** Neither the left- or right-hand part is played, so you can practice playing both parts on the keyboard.

NOTE: The left and right-hand parts cannot be played separately on some songs.

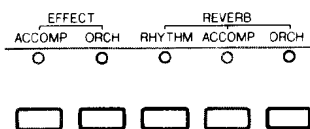
● Volume Control

During DISK ORCHESTRA playback use the VOLUME controls to adjust the volume of the corresponding parts, as described below. As always, the MASTER control adjusts the overall volume level.



- ORCH.1** Adjusts the volume of ORCH.1 played on the keyboard.
- ORCH.2** Adjusts the volume of ORCH.2 played on the keyboard.
- CHORD1** Adjusts the volume of the disk melody line.
- CHORD2** Adjusts the volume of the disk backing.
- BASS** Adjusts the volume of the disk bass part.
- RHYTHM** Adjusts the volume of the disk rhythm part.

NOTE: Operation of the volume controls may be different with some songs. Further, the reverb or other effect can be turned on or off for all parts other than the rhythm part by using the REVERB or EFFECT [ORCH.] button. Reverb for the rhythm part can be turned on or off by using the REVERB [RHYTHM] button.



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Fingering Chart/Akkordliste/Tablature/Grafica de di

* All fingerings shown are simple root-position types.

* Die hier gezeigten Akkorde sind jeweils die Grundakkorde.

* Tous les doigts indiqués sont du type à position fondamentale simple.

* Todos los digitados se muestran como tipos de posición de raíz sencilla.

Major Dur Majeur Mayor		Minor Moll Mineur Menor		Major seventh Dur-Akkord mit großer Septime Septième majeure Séptima mayor		Major Sixth Dur-Akkord mit hinzugefügter Sexte Sixte Sexta	
C		Cm		CM7		C6	
C# (D♭)		C#m (D♭m)		C#M7 (D♭M7)		C#6 (D♭6)	
D		Dm		DM7		D6	
D# (E♭)		D#m (E♭m)		D#M7 (E♭M7)		D#6 (E♭6)	
E		Em		EM7		E6	
F		Fm		FM7		F6	
F# (G♭)		F#m (G♭m)		F#M7 (G♭M7)		F#6 (G♭6)	
G		Gm		GM7		G6	
G# (A♭)		G#m (A♭m)		G#M7 (A♭M7)		G#6 (A♭6)	
A		Am		AM7		A6	
A# (B♭)		A#m (B♭m)		A#M7 (B♭M7)		A#6 (B♭6)	
B		Bm		BM7		B6	

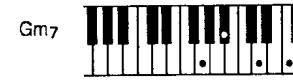
Suspended fourth
Dur-Akkord mit
vorgehaltener Quarte
Quarte suspendue
Cuartá suspendida



Minor sixth
Moll-Akkord mit
hinzugefügter Sexte
Sixte mineure
Sexta menor



Minor seventh
Moll-Septakkord
Septième mineure
Séptima menor



Minor seventh flatted fifth
Moll-Septakkord mit
verminderter Quinte
Quinte bémol septième
mineure
Menor de séptima quinta
bemol



Fingering Chart/Akkordliste/Tablature/Graficade digitado

Minor major seventh
Moll mit großer Septime
Septième majeure mineure
Séptima mayor menor

Seventh
Dur-Septakkord
Septième
Séptima

Seventh flatted fifth
Dur-Septakkord mit
verminderter Quinte
Quinte bémol septième
Séptima quinta bemol

Seventh sharped fifth
Dur-Septakkord mit
übermäßiger Quinte
Quinte dièse septième
Séptima más quinta



Seventh suspended fourth
 Septakkord mit
 vorgehaltener Quarte
 Quarte suspendue
 septième
 Séptima cuarta suspendida

Added ninth
 Dur-Akkord mit
 hinzugefügter None
 Neuvième ajoutée
 Novena añadida

Minor added ninth
 Moll-Akkord mit
 hinzugefügter None
 Neuvième ajoutée mineure
 Menor de novena añadida

Seventh ninth
 Dur-Septakkord mit
 hinzugefügter None
 Neuvième septième
 Séptima novena

C₇sus₄



Cadd9



Cm add9



C₇(9)



C#₇sus₄
 (D_b₇sus₄)



C#add9
 (D_b add9)



C#m add9
 (D_b m add9)



C#₇(9)
 (D_b₇(9))



D₇sus₄



Dadd9



Dm add9



D₇(9)



D#₇sus₄
 (E_b₇sus₄)



D#add9
 (E_b add9)



D#m add9
 (E_b m add9)



D#₇(9)
 (E_b₇(9))



E₇sus₄



Eadd9



Em add9



E₇(9)



F₇sus₄



Fadd9



Fm add9



F₇(9)



F#₇sus₄
 (G_b₇sus₄)



F#add9
 (G_b add9)



F#m add9
 (G_b m add9)



F#₇(9)
 (G_b₇(9))



G₇sus₄



Gadd9



Gm add9



G₇(9)



G#₇sus₄
 (A_b₇sus₄)



G#add9
 (A_b add9)



G#m add9
 (A_b m add9)



G#₇(9)
 (A_b₇(9))



A₇sus₄



Aadd9



Am add9



A₇(9)



A#₇sus₄
 (B_b₇sus₄)



A#add9
 (B_b add9)



A#m add9
 (B_b m add9)



A#₇(9)
 (B_b₇(9))



B₇sus₄



Badd9



Bm add9



B₇(9)



Fingering Chart/Akkordliste/Tablature/Grafica de digitado

Minor seventh ninth
Moll-Septakkord mit
hinzugefügter None
Neuvième septième
mineure
Manor de séptima novena

Major seventh ninth
Dur-Akkord mit großer
Septime und
hinzugefügter None
Neuvième septième
majeure
Mayor de séptima
novena

Minor major seventh added
ninth
Moll-Akkord mit großer
Septime und hinzugefügter
None
Neuvième ajoutée septième
majeure mineure
Menor de séptima mayor
novena añadida

Seventh flatted ninth
Dur-Septakkord mit
verminderter None
Neuvième bémol
septième
Séptima novena
bemol

Cm ₇ (9)		CM ₇ (9)		CmM ₇ (9)		C ₇ (♭9)	
C#m ₇ (9) (D♭m ₇ (9))		C#M ₇ (9) (D♭M ₇ (9))		C#mM ₇ (9) (D♭mM ₇ (9))		C# ₇ (♭9) (D♭ ₇ (♭9))	
Dm ₇ (9)		DM ₇ (9)		DmM ₇ (9)		D ₇ (♭9)	
D#m ₇ (9) (E♭m ₇ (9))		D#M ₇ (9) (E♭M ₇ (9))		D#mM ₇ (9) (E♭mM ₇ (9))		D# ₇ (♭9) (E♭ ₇ (♭9))	
Em ₇ (9)		EM ₇ (9)		EmM ₇ (9)		E ₇ (♭9)	
Fm ₇ (9)		FM ₇ (9)		FmM ₇ (9)		F ₇ (♭9)	
F#m ₇ (9) (G♭m ₇ (9))		F#M ₇ (9) (G♭M ₇ (9))		F#mM ₇ (9) (G♭mM ₇ (9))		F# ₇ (♭9) (G♭ ₇ (♭9))	
Gm ₇ (9)		GM ₇ (9)		GmM ₇ (9)		G ₇ (♭9)	
G#m ₇ (9) (A♭m ₇ (9))		G#M ₇ (9) (A♭M ₇ (9))		G#mM ₇ (9) (A♭mM ₇ (9))		G# ₇ (♭9) (A♭ ₇ (♭9))	
Am ₇ (9)		AM ₇ (9)		AmM ₇ (9)		A ₇ (♭9)	
A#m ₇ (9) (B♭m ₇ (9))		A#M ₇ (9) (B♭M ₇ (9))		A#mM ₇ (9) (B♭mM ₇ (9))		A# ₇ (♭9) (B♭ ₇ (♭9))	
Bm ₇ (9)		BM ₇ (9)		BmM ₇ (9)		B ₇ (♭9)	

Major seventh flatted fifth
Dur-Akkord mit großer Septime
und verminderter Quinte
Quinte bémol septième majeure
Mayor de séptima quinta bemol

Augmented
Übermäßig
Augmenté
Aumentada

Diminished
Vermindert
Diminué
Disminuida

C M_{7-5}

C aug

C dim

C# M_{7-5}
(D $\flat M_{7-5}$)

C# aug
(D $\flat aug$)

C# dim
(D $\flat dim$)

D M_{7-5}

D aug

D dim

D# M_{7-5}
(E $\flat M_{7-5}$)

D# aug
(E $\flat aug$)

D# dim
(E $\flat dim$)

E M_{7-5}

E aug

E dim

F M_{7-5}

F aug

F dim

F# M_{7-5}
(G $\flat M_{7-5}$)

F# aug
(G $\flat aug$)

F# dim
(G $\flat dim$)

G M_{7-5}

G aug

G dim

G# M_{7-5}
(A $\flat M_{7-5}$)

G# aug
(A $\flat aug$)

G# dim
(A $\flat dim$)

A M_{7-5}

A aug

A dim

A# M_{7-5}
(B $\flat M_{7-5}$)

A# aug
(B $\flat aug$)

A# dim
(B $\flat dim$)

B M_{7-5}

B aug

B dim

FCC INFORMATION (U.S.A.)

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

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

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

3. NOTE: This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

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

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

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

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA90620

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

* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA.

SPECIAL MESSAGE SECTION

ELECTROMAGNETIC INTERFERENCE (RFI):

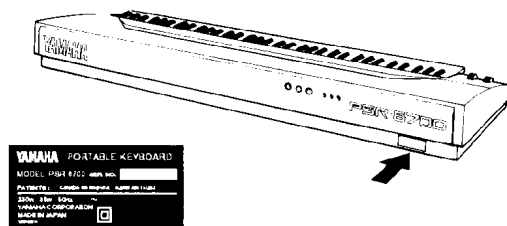
Your YAMAHA Electronic Product has been type tested and found to comply with all applicable regulations. However, if it is installed in the immediate proximity of other electronic devices, some form of interference may occur. For additional RFI information see the FCC information section located in this manual.

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

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

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

NAME PLATE LOCATION: The graphic below indicates the location of the Name Plate on your YAMAHA Electronic Products. The Model, Serial Number, Power requirements, etc., are indicated on this plate. You should note the model, serial number and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase.



STATIC ELECTRICITY CAUTION: Some YAMAHA Electronic Products have modules that plug into the unit to perform various functions. The contents of a plug-in module can be altered/damaged by static electricity discharges. Static electricity build-ups are more likely to occur during cold winter months (or in areas with very dry climates) when the natural humidity is low. To avoid possible damage to the plug-in module, touch any metal object (a metal desk lamp, a door knob, etc.) before handling the module. If static electricity is a problem in your area, you may want to have your carpet treated with a substance that reduces static electricity build-up. See your local carpet retailer for professional advice that relates to your specific situation.

Model _____

Serial No. _____

Purchase Date _____

This information on safety is provided to comply with U.S.A. laws, but should be observed by users in all countries.

IMPORTANT NOTICE FOR THE UNITED KINGDOM

Connecting the Plug and Cord

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.

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

- This applies only to products distributed by Yamaha-Kemble Music (U.K.) Ltd.

Wichtiger Hinweis für die Benutzung in der Bundesrepublik Deutschland.

Bescheinigung des Importeurs

Hiermit wird bescheinigt, daß der/die/das
Portable Keyboard Typ: PSR-6700

(Gerät, Typ, Bezeichnung)

in Übereinstimmung mit den Bestimmungen der
VERFÜGUNG 1046/84

(Amtsblattverfügung)

funk-entstört ist.

Der Deutschen Bundespost wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf Einhaltung der Bestimmungen eingeräumt.

Yamaha Europa GmbH

Name des Importeurs

- Dies bezieht sich nur auf die von der Yamaha Europa GmbH vertriebenen Produkte.

CANADA

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

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

- This applies only to products distributed by Yamaha Canada Music Ltd.
- Ceci ne s'applique qu'aux produits distribués par Yamaha Canada Musique Ltée.

Dette apparat overholder det gældende EF-direktiv vedrørende radiostøj.

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

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

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

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

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

YAMAHA CORPORATION

YAMAHA

IMPORTANT

PLEASE RECORD THE SERIAL NUMBER OF YOUR UNIT IN THE SPACE BELOW:

MODEL PSR-E700

SERIAL NO.

THE SERIAL NUMBER IS LOCATED ON THE REAR OF THE UNIT.

RETAIN THIS OWNER'S MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE.

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