

# YAMAHA PORTABLE PIANO YPR-9

MA  
MIN

VOLUME

OFF ON

POWER

YAMAHA YPR-9  
PORTABLE PIANO

ENGLISH . . . . ① ~ ④

DEUTSCH . . . . ⑤ ~ ⑧

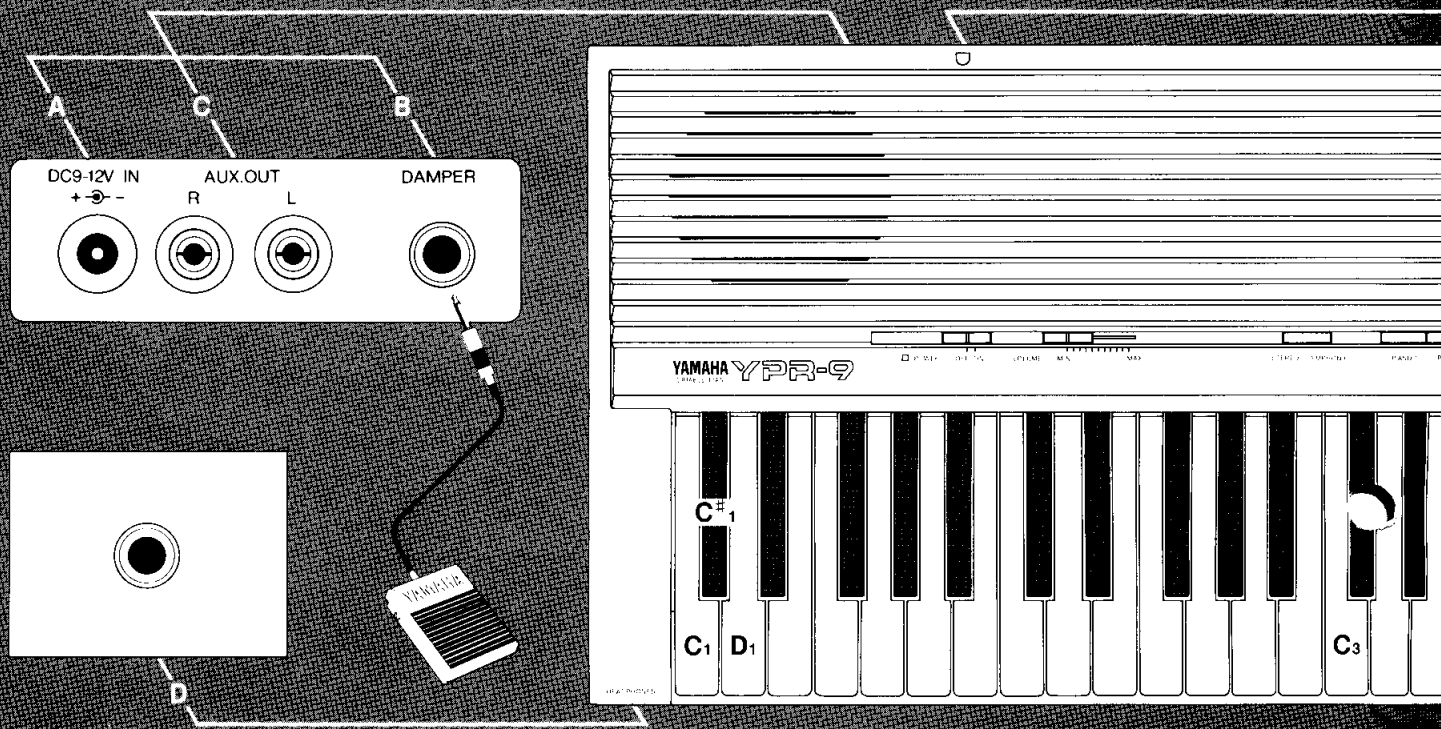
FRANÇAIS . . . . ⑨ ~ ⑫

ESPAÑOL . . . . ⑬ ~ ⑯

HEADPHONES

 YAMAHA

# GETTING READY



## A. Power Source

The YPR-9 normally uses internal batteries. It can also use household AC power by connecting the optional PA-4 or PA-40 Power Adaptor to the DC IN Jack on the rear panel. (See the PA-4 or PA-40 for instructions.) Other adaptors cannot be used. Yamaha is not responsible for damage from unauthorized power adaptors. Remove the Battery Compartment Cover on the bottom panel. Load six 1.5V SUM-1, D cells, or R-20 batteries into the Battery Compartment, observing the battery polarity shown inside the Compartment. Replace the Cover so it locks in place.

- Replace all batteries at same time.
- Don't mix normal batteries with Ni-Cd, alkaline, or other types.
- Remove batteries when storing unit for long periods.
- Using optional Power Adaptor disconnects batteries.

## B. Connecting the Foot Switch

Connect the supplied Foot Switch to the DAMPER Jack on the rear panel.

## C. External amplifiers

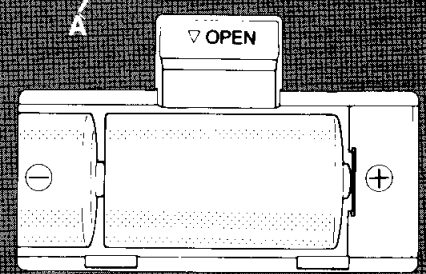
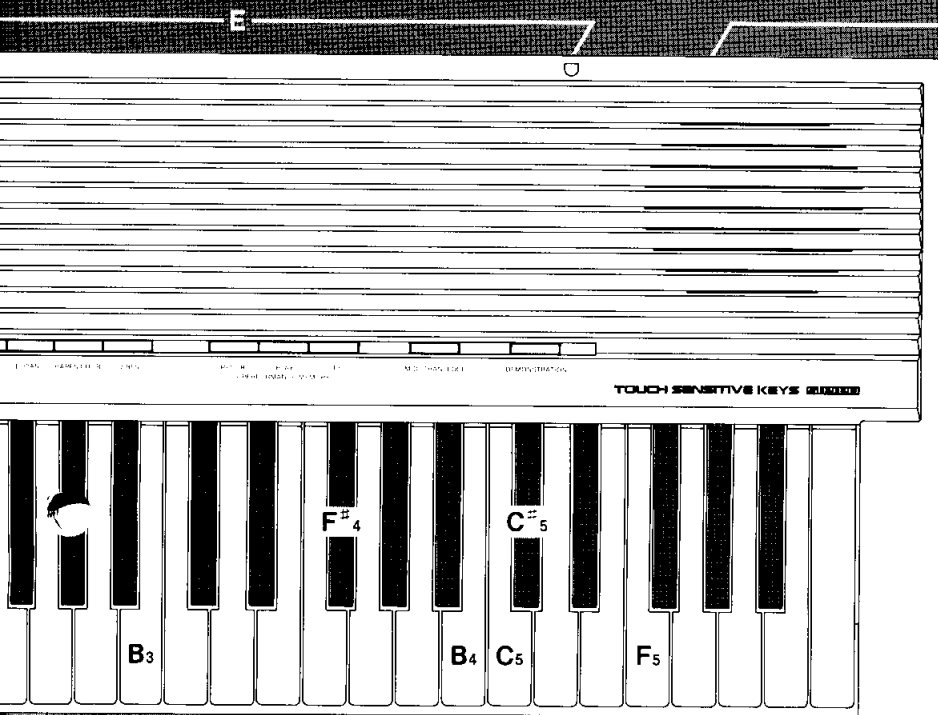
For a more powerful sound, use Yamaha's PSC-3 or equivalent connecting cords and connect the AUX OUT Jacks on the rear panel to your stereo system, etc.


## D. Connecting headphones

To practice without disturbing others, connect a pair of headphones to the HEADPHONES Jack at the very left of the front panel.

## E. Attaching the Music Stand

Insert the ends of the Music Stand into the two holes at the very back of the top panel.



1. Turn on the POWER Switch so the POWER Indicator lights up.
  2. Select a voice by pressing any Voice Selector.
  3. Adjust the volume with the VOLUME Control.
  4. Play on the keyboard. You can play up to eight notes at once.
  5. Press the STEREO SYMPHONIC Selector to add depth and width to the sound.
-  Press the Foot Switch to add sustain to the sound.

**Initial Touch Control**

The YPR-9 keyboard is touch-responsive. Playing harder makes the sound louder and brighter, just like an acoustic piano.

**Demonstration**

Press the DEMONSTRATION Button. The YPR-9 will play "The Dog Waltz" (op.64-1) by Chopin. (The note range of this piece exceeds the range of the YPR-9 keyboard.)

**Performance Memory**

Press the RECORD Button and play a passage on the keyboard. Change voices if you want. When you finish, press the OFF Button. Now press the PLAY Button. The YPR-9 will play what you played, in the same voice. You can also change voices. Press the OFF Button when you're finished. The performance will remain in the memory for about one week after the power is turned off.

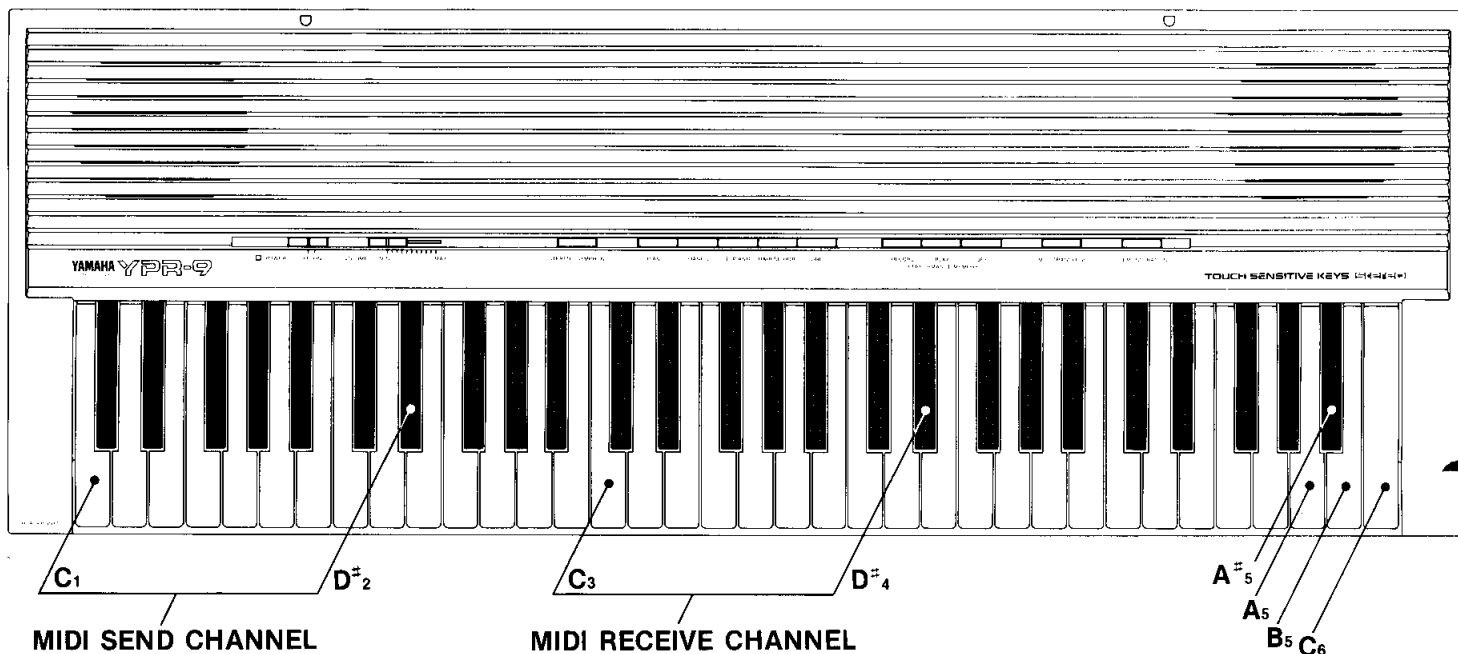
- Up to 700 notes can be recorded in the Performance Memory. If you exceed this, a beeper sounds, and no more notes can be recorded.

**Transpose**

Holding down the MIDI/TRANPOSE Selector and pressing keys between F<sup>#</sup><sub>4</sub> and F<sub>5</sub> raises or lowers the key in 1/2 step units over a one octave range. The keys between C<sup>#</sup><sub>5</sub> and F<sub>5</sub> raise the key, and those between F<sup>#</sup><sub>4</sub> and B<sub>4</sub> lower it. To return to standard pitch, turn off the power or hold down the MIDI/TRANPOSE Selector and press the C<sub>5</sub> key.

**Fine Tuning**

Hold down C<sub>1</sub> and D<sub>1</sub> and hit any key between C<sub>3</sub> and B<sub>3</sub> to raise the pitch in 1.6 cent units. Hold down C<sub>1</sub> and C<sup>#</sup><sub>1</sub> and hit any key between C<sub>3</sub> and B<sub>3</sub> to lower the pitch in 1.6 cent units. Turn off the power to return to standard pitch (A<sub>3</sub> = 440Hz).



**The YPR-9 is a MIDI keyboard, so you can play it together with other MIDI instruments. You can play another instrument from the YPR-9 keyboard, or vice versa.**

### MIDI Connections

Use a MIDI cable and connect the MIDI IN and MIDI OUT Jacks on the rear panel of the YPR-9 to the MIDI OUT and MIDI IN Jacks of another MIDI instrument, rhythm machine, computer or sequencer.

#### 1. MIDI channels

MIDI has 16 channels for "sending" and "receiving" data. Each channel can be set to send and/or receive data.

In the default mode (when the power is turned on), all 16 MIDI channels can receive data (OMNI ON). Data can be sent only on channel 1. However, specific MIDI send and receive channels can also be designated as follows.

##### • Setting the send channel

To set the MIDI send channel, hold down the MIDI/TRANSPOSE Button and press any of the 16 keys between C<sub>1</sub> and D<sup>#</sup><sub>2</sub>. Each key corresponds to one MIDI channel, in order from the lowest to the highest.

##### • Setting the receive channel

Holding down the MIDI/TRANSPOSE Button, first press the A<sub>5</sub> key (OMNI OFF), then press any of the 16 keys between C<sub>3</sub> and D<sup>#</sup><sub>4</sub>. Each key corresponds to one MIDI channel, in order from the lowest to the highest.

#### 2. Local On and Local Off

Hold down the MIDI/TRANSPOSE Button and press the A<sup>#</sup><sub>5</sub> key to activate LOCAL OFF, disconnecting the keyboard from the tone generation circuitry. Repeat the procedure to activate LOCAL ON, which reconnects the keyboard and tone generation circuitry.

#### 3. Cancelling Program Change

Hold down the MIDI/TRANSPOSE Button and press the B<sub>5</sub> key to cancel PROGRAM CHANGE. Now voice change data will not be sent. Repeat the procedure to reactivate PROGRAM CHANGE.

#### 4. Cancelling Control Change

Hold down the MIDI/TRANSPOSE Button and press the C<sub>6</sub> key to cancel CONTROL CHANGE. Now damper (sustain) data will not be sent. Repeat the procedure to reactivate CONTROL CHANGE.

#### Note

The specifications of many MIDI instruments differ slightly from each other. Refer to the MIDI Implementation Chart for each instrument to determine what is and what is not possible. The MIDI Implementation Chart for the YPR-9 is on the last page of this manual.

# MAINTENANCE

## CAUTIONS

- Periodically wipe cabinet clean with soft cloth and dilute soap solution, then wipe with dry cloth.
- Don't use chemically treated cleaning cloths on unit or other chemicals like oil, solvents and insecticides.
- Don't expose unit to direct sunlight, moisture or temperature extremes.
- Don't put unit on amplifiers, receivers or other heat sources, especially temperatures higher than 60°C (140°F).
- Use on firm, level surface free from vibrations, and don't put anything on unit.
- Keep unit away from strong magnetism, excessive dust, water or humidity.
- Refer all servicing to Yamaha personnel, since removing unit's cover presents shock hazard.

Using unauthorized AC power adaptor may damage unit.  
Yamaha is NOT responsible for damage from improper use.

## TROUBLESHOOTING

Many "problems" can be solved quite easily. Refer to the following table before calling a Yamaha dealer.

PROBLEM	CHECK
<b>Power doesn't go on.</b>	Load batteries correctly. Replace batteries if dead. If using AC Power Adaptor, be sure it is firmly connected to both DC IN Jack of YPR-9 and wall AC power outlet.
<b>Sound doesn't get loud, or doesn't sustain properly.</b>	Replace batteries.
<b>No sound.</b>	Remove headphones plug if in. Replace batteries if dead.
<b>Sound distorts.</b>	Lower volume.

## SPECIFICATIONS

**Keyboard** .....61 keys (C<sub>1</sub> – C<sub>6</sub>) with initial touch  
**Voices** .....Piano 1, 2, Electric Piano, Harpsichord, Vibes

**Effects and Controls** .....Damper (Sustain), Stereo Symphonic, Volume, Transpose, Pitch, MIDI, Demonstration, Performance Memory (Record, Play, Off)

**Memory Capacity** ...700 notes  
**Jacks**.....HEADPHONES, DAMPER (Sustain), AUX OUT (L/R), DC IN, MIDI IN, MIDI OUT

**Amplifier** .....5W x 2  
**Speaker** .....12cm (4-3/4") x 2 (4 ohms)  
**Power Source**.....DC 9V (Six 1.5V SUM-1, R20 or D-cells)  
AC Power Adaptor PA-4 or PA-40

**Dimensions**.....913mm (W) x 330mm (D) x 100mm (H)

**Weight**.....7.7kg (without batteries)

**Accessories** .....Foot Switch, Music Stand

**Optional Items:**

- PA-4 or PA-40 AC Power Adaptor
- YH-series/HPE-series lightweight dynamic-type headphones with extra-soft ear pads
- L-2 Keyboard Stand
- PSC-3 Stereo Connecting Cord
- SCC-12 Soft Carrying Case

(Some optional items may not be available in every region.)

Yamaha reserves the right to make design and specification changes for product improvement without prior notice.

## YPR-9 MIDI IMPLEMENTATION CHART

Function	Sent	Received	Remarks
Basic Channel Default Changes	Channel 1 ○	Channel 1 ~ 16 ○	
Channel Mode Default Messages Altered	Mode 3 x *****	Mode 1 Omni, Poly/Mono *****	
Note Number True Voice	36 ~ 96 *****	36 ~ 96 36 ~ 96	
Key Velocity Note on Note off	○ 90H, v = 1 ~ 127 x 90H, v = 0	○ v = 1 ~ 127 x	
After Touch Key's Channel's	x x	x x	
Pitch Bend	x	x	
Control Change 64	○	○	Damper (sustain)
Program Change True #	0 ~ 7 *****	0 ~ 127 0 ~ 7	Voice change
System	x	○	
Exclusive			
System Common Song Pos Song Sel Tune	x x x	x x x	
System Real Time Clock Commands	x x	x x	
Aux Messages Local on/off All notes off Active Sense Reset	x x ○ x	○ ○ ○ ○	Connection of keyboard to tone generator
<p>Notes</p> <p>Mode 1: OMNI ON, POLY      Messages received on all MIDI channels</p> <p>Mode 2: OMNI ON, MONO</p> <p>Mode 3: OMNI OFF, POLY      Messages received on specified MIDI channels</p> <p>Mode 4: OMNI OFF, MONO</p> <p style="text-align: right;">○ = Yes x = No</p>			

Wichtiger Hinweis für die Benutzung in der Bundesrepublik Deutschland.

#### Bescheinigung des Importeurs

Hiermit wird bescheinigt, daß der/die/das

*Musikinstrument Typ YPR-9*

(Gerät, Typ, Bezeichnung)

in Übereinstimmung mit den Bestimmungen der

VERFÜGUNG 1046/84

(Amtsblattverfügung)

funktionstüchtig 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

#### FCC INFORMATION

Attention users in the U.S.A.

#### Portable Piano YPR-9 prepared in accordance with FCC rules.

The Portable Piano YPR-9 uses frequencies that appear in the radio frequency range, and if installed in the immediate proximity (within three meters) of some types of audio or video devices interference may occur.

The Portable Piano YPR-9 has been type tested and found to comply with the specifications set for a Class B computing device in accordance with those specifications listed in Subpart J of Part 15 of the FCC rules. These rules are designed to provide a reasonable measure of protection against such interference. However, this does not guarantee that interference will not occur. If your Portable Piano YPR-9 should be suspected of causing interference with other electronic devices, verification can be made by turning your Portable Piano YPR-9 off and on. If the interference continues when your Portable Piano YPR-9 is off, Portable Piano YPR-9 is not the source of the interference. If your Portable Piano YPR-9 does appear to be the source of the interference, you should try to correct the situation by using one or more of the following measures:

Relocate either the Portable Piano YPR-9 or the electronic device that is being affected by the interference.

Utilize power outlets for the Portable Piano YPR-9 and the device being affected that are on different branch (circuit breaker or fuse) circuits, or install A/C line filters.

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

If these corrective measures do not produce satisfactory results, please contact your Authorized Yamaha dealer for suggestions and/or corrective measures. If you cannot locate an Authorized Yamaha dealer in your general area, contact the Service Division, Yamaha International, 6600 Orangethorpe Ave., Buena Park, CA 90620.

If for any reason, you should need additional information relating to radio or TV interference, you may find a booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402—Stock # 004-000-345-4.

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