

PM-30

PERSONAL MONITOR

Owner's Manual

Thank you, and congratulations on your choice of the Roland PM-30 Personal Monitor.

Before using this unit, carefully read the sections entitled

- **IMPORTANT SAFETY INSTRUCTIONS** (page 2)
- **USING THE UNIT SAFELY** (page 3–5)
- **IMPORTANT NOTES** (page 5)

Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, Owner's manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

Main Features

- The PM-30 is a high-quality stereo monitor amplifier designed especially for use with Roland's V-Drums.
This 2.1-channel system features a total output of 200 watts to provide a drum sound with amazing presence.
- Main Unit features 12-inches (30-cm) woofer plus tweeter.
The wedge-shaped design makes monitoring easier and provides both a sense of power along with great monitor performance.
Additionally, the PM-30 features switchable "SUBWOOFER" and "FULL RANGE" playback modes (ranges), as well as a woofer control function that allows you to balance the volume level with the satellite speakers.
- Each satellite speaker includes a high-quality 4-inches (10-cm) full-range speaker. Featuring authentic wood cabinets, these units provide clear, natural stereo sound. In addition, they come with specialized mounting stands, enabling the units to be set up in a variety of ways.
- The system includes dedicated channels designed to reproduce all of the V-Drums sound.
Along with superior basic performance, the V-Drums channels also provide great additional features, such as a PUNCH switch, which produces an even more powerful drum sound, and a V-Drums input, which enables connection to a V-Drums sound module using only a single stereo (TRS) cable coming from the V-Drums headphones output.
- The unit comes equipped with a three-channel stereo mixer function for superior system expandability.
In addition to a V-Drums sound module, you can also connect and simultaneously monitor multiple devices, such as additional sound modules and CD players, MP3 players, or any other external audio sources.
Also included is a three-band equalizer to further shape the sound and a LINE OUT jack useful for expanding the system.
- Includes handle and casters for easy portability.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR		
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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

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

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

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

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

For the U.K.

IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE: NEUTRAL
BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.
Under no circumstances must either of the above wires be connected to the earth terminal of a three pin plug.

USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About ⚠ WARNING and ⚠ CAUTION Notices

⚠ WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠ CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

	The ⚠ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The ⚡ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The ● symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING

⚠ WARNING

- Before using this unit, make sure to read the instructions below, and the Owner's Manual.
- Do not open or perform any internal modifications on the unit.
- Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page.
- Never use or store the unit in places that are:
 - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
 - Damp (e.g., baths, washrooms, on wet floors); or are
 - Humid; or are
 - Exposed to rain; or are
 - Dusty; or are
 - Subject to high levels of vibration.
- Make sure you always have the unit placed so it is level and sure to remain stable. Never place it on stands that could wobble, or on inclined surfaces.
- The unit should be connected to a power supply only of the type described in the operating instructions, or as marked on the unit.

⚠ WARNING

- Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock hazards!
- This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit, and consult an audiologist.
- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.
- Immediately turn the power off, remove the power cord from the outlet, and request servicing by your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page when:
 - The power-supply cord, or the plug has been damaged; or
 - If smoke or unusual odor occurs
 - Objects have fallen into, or liquid has been spilled onto the unit; or
 - The unit has been exposed to rain (or otherwise has become wet); or
 - The unit does not appear to operate normally or exhibits a marked change in performance.

⚠ WARNING

- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit. 
- Protect the unit from strong impact. (Do not drop it!) 
- Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords—the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through. 
- Before using the unit in a foreign country, consult with your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page. 
- Do not put anything that contains water (e.g., flower vases) on this unit. Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe away any liquid that spills on the unit using a dry, soft cloth. 

⚠ CAUTION

- The unit should be located so that its location or position does not interfere with its proper ventilation. 
- The included mount bars intended for use only with PM-30. Use with other apparatus is capable of resulting in instability causing possible injury. 
- Always grasp only the plug on the power-supply cord when plugging into, or unplugging from an outlet. 
- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children. 

⚠ WARNING

Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Also, do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Do not allow rubber, vinyl, or similar materials to remain on the unit for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.
- Do not paste stickers, decals, or the like to this instrument. Peeling such matter off the instrument may damage the exterior finish.
- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface. You can place a piece of felt or cloth under the rubber feet to prevent this from happening. If you do so, please make sure that the unit will not slip or move accidentally.

⚠ CAUTION

- At regular intervals, you should unplug the power plug and clean it by using a dry cloth to wipe all dust and other accumulations away from its prongs. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time. Any accumulation of dust between the power plug and the power outlet can result in poor insulation and lead to fire. 
- Do not remove the speaker grille and speaker by any means. Speaker not user replaceable. Shock hazardous voltages and currents are present inside the enclosure. 

⚠ CAUTION

- If the unit could become a hazard if it moves, all caster wheels should be removed once the unit has been placed at the place of installation, or has been loaded onto a vehicle. 
- Never climb on top of, nor place heavy objects on the unit. 
- Never handle the power cord or its plug with wet hands when plugging into, or unplugging from, an outlet. 

⚠ CAUTION

- Before moving the unit, disconnect the power plug from the outlet, and pull out all cords from external devices. 
- Before cleaning the unit, turn off the power and unplug the power cord from the outlet. 
- Whenever you suspect the possibility of lightning in your area, pull the plug on the power cord out of the outlet. 

IMPORTANT NOTES

In addition to the items listed under “IMPORTANT SAFETY INSTRUCTIONS” and “USING THE UNIT SAFELY” on pages 2, 3, 4 and 5, please read and observe the following:

Power Supply

- Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter (such as a refrigerator, washing machine, microwave oven, or air conditioner), or that contains a motor. Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.
- Before connecting this unit to other devices, turn off the power to all units. This will help prevent malfunctions and/or damage to speakers or other devices.
- Although the LED is switched off when the POWER switch is switched off, this does not mean that the unit has been completely disconnected from the source of power. If you need to turn off the power completely, first turn off the POWER switch, then unplug the power cord from the power outlet. For this reason, the outlet into which you choose to connect the power cord’s plug should be one that is within easy reach and readily accessible.

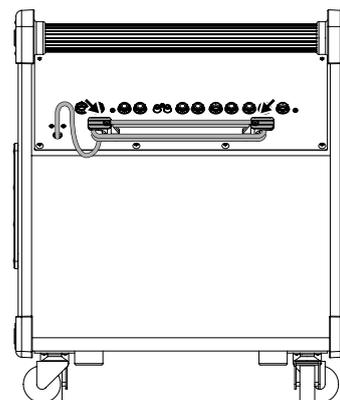
Maintenance

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

Additional Precautions

- Use a reasonable amount of care when using the unit’s buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.

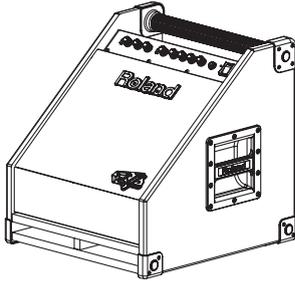
- When connecting / disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable’s internal elements.
- A small amount of heat will radiate from the unit during normal operation.
- To avoid disturbing your neighbors, try to keep the unit’s volume at reasonable levels. You may prefer to use headphones, so you do not need to be concerned about those around you (especially when it is late at night).
- When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.
- Use a cable from Roland to make the connection. If using some other make of connection cable, please note the following precautions.
 - Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.
- Wrap the power cord around the cord hook when transporting or storing the unit.



Checking the Package Contents

The PM-30 comes with the following items. After opening the package, please check all items. If any items are missing, please contact the retailer from whom this product was purchased.

❑ **Main Unit**



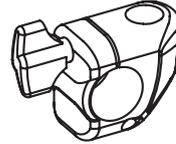
❑ **Satellite Speaker x 2**



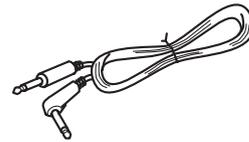
❑ **Mount Bar x 2**



❑ **Clamp x 2**



❑ **Speaker Cable x 2**



❑ **Caster x 4**



❑ **Owner's Manual (this manual)**

Proper Use of the Casters

The PM-30 is equipped with casters, which make it easier to transport.

■ Attaching and Removing the Casters

You can attach or remove the casters as shown in the following figure.



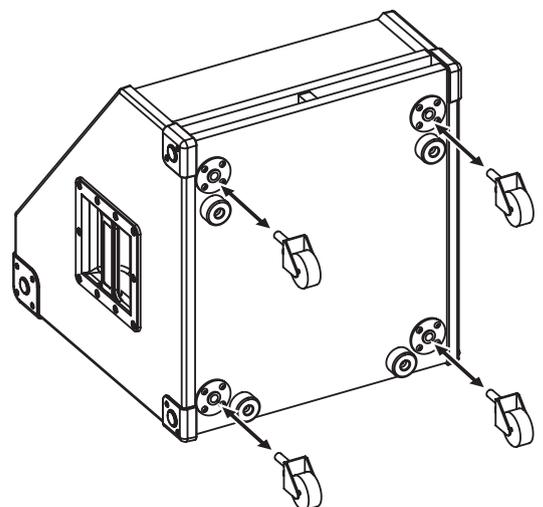
You can attach or remove the casters as shown in the following figure. Be sure to remove all the casters when accidental movement may be dangerous, such as when setting up the PM-30 on stage, or when transporting it in a vehicle.



This is a heavy piece of equipment. To prevent injury caused by the unit overturning or being dropped, two or more people should work together when carrying the unit.



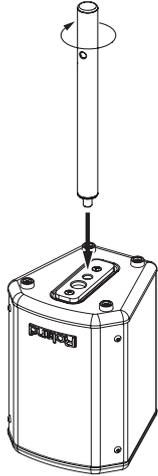
If casters have been attached to the amp, make sure it is used only on a stable, level surface.



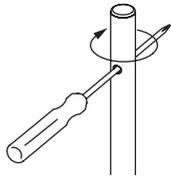
Attaching the Mount Bars and Clamps

1. As shown in the figure, turn the satellite speakers over and place them on the floor, then screw in the mount bars.

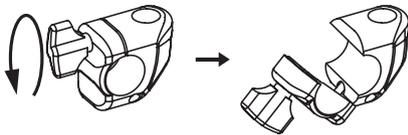
* To protect the satellite speakers cosmetic appearance, place cloth or paper between the speakers and the floor surface when attaching mount bars.



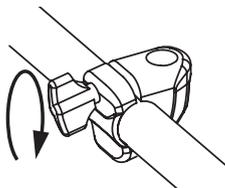
* You can screw in the mount bars with less force by inserting a screwdriver or other rigid shaft into the holes in the side of the mount bars and grasping and rotating the shaft to screw in the bars.



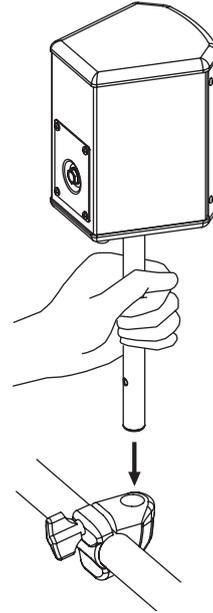
2. Loosen the provided clamp screws to open the clamps.



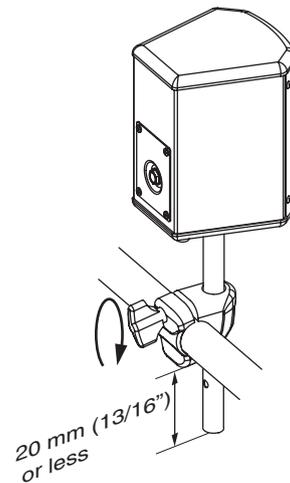
3. Attach the clamps to the pipe used for securing the satellite speakers (diameter 1-1/2 inches / 38.1 mm), and screw them tight enough to prevent them from slipping down (provisionally tighten).



4. Take the satellite speakers with the mount bars attached to them and insert the ends of the mount bars into the clamps provisionally tightened in Step 3.



5. Slowly tighten the screws to firmly secure the clamps.



* To keep the units from separating and falling, secure the mount bars in a position such that the ends of the mount bars extend at least 20 mm (13/16 inch).



To prevent the satellite speakers from falling, release them only after confirming that they are firmly secured.



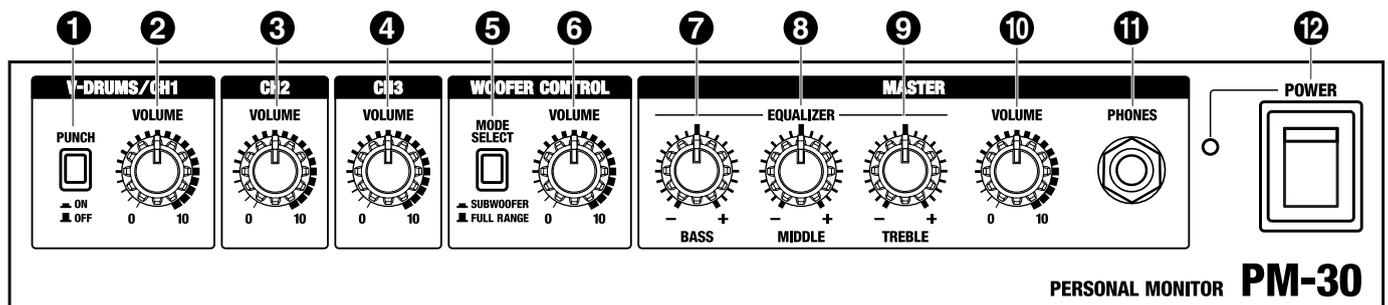
To prevent the satellite speakers from overturning, attach them so they are oriented perpendicular to the floor.



Take care not to allow hands and fingers to become pinched when attaching and removing the units.

Panel Descriptions

Main Unit: Front Panel



V-DRUMS/CH1

1. PUNCH Switch

Setting this switch to ON produces a dynamic drum sound while increasing the perceived power of the sound. Switch this on whenever needed.

- * The effect of this function is applied to the device connected to V-DRUMS/CH1.

2. VOLUME Knob

Adjusts the volume of the device connected to V-DRUMS/CH1.

- * If you connect a sound module with a high output level, distortion may occur if you turn the volume level up too much. Be careful.

CH2

3. VOLUME Knob

Adjusts the volume of the device connected to CH2.

CH3

4. VOLUME Knob

Adjusts the volume of the device connected to CH3.

WOOFER CONTROL

5. MODE SELECT Switch

This switches the range of sound output from the main unit.

SUBWOOFER: Only sounds in the low-frequency range are output. When used together with the satellite speakers, this mode produces a drum sound with great presence. This is optimal when V-Drums stands are used.

FULL RANGE: This provides powerful, full-range sound, from low frequencies on up to the high end. This also enables the unit to be used for smaller ensemble performances as a main speaker for the V-Drums.

- * This does not affect the sounds output from the SPEAKER OUT, headphones, and LINE OUT outputs.



"Setup Examples" (p. 12)

6. VOLUME Knob

Adjusts the volume of the main unit.

You can use this to achieve a volume balance between the main speaker and the satellite speakers.

- * This does not affect the sounds output from the SPEAKER OUT, headphones, and LINE OUT outputs.
- * No sound is output from the PM-30's speakers when the WOOFER CONTROL VOLUME knob is set to 0.

MASTER

EQUALIZER

7. EQUALIZER (BASS) Knob

Adjusts the low-frequency tone quality.

8. EQUALIZER (MIDDLE) Knob

Adjusts the midrange tone quality.

9. EQUALIZER (TREBLE) Knob

Adjusts the high-frequency tone quality.

10. VOLUME Knob

Adjusts the volume of the overall system.

- * When headphones are connected, this adjusts the headphone volume.
- * This does not affect the output to LINE OUT.

11. PHONES Jack

Connect the system headphones (optional) here.

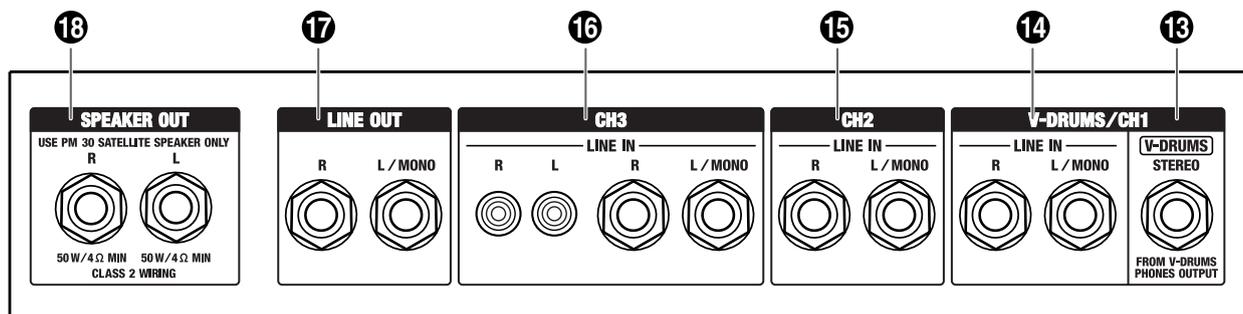
- * No sounds are output from the main unit speaker or satellite speakers when headphones are connected.

12. POWER Switch

This turns the power to the system on and off.

- * If you need to turn off the power completely, first turn off the POWER switch, then unplug the power cord from the power outlet. Refer to "Power Supply" (p. 5).
- * To prevent damage to the system and any connected devices, turn the power on and off according to the instructions in "Switching the Power On and Off" (p. 10).
- * This unit is equipped with a protection circuit. A brief interval (a few seconds) after power up is required before the unit will operate normally.

Main Unit: Rear Panel



V-DRUMS/CH1

13. V-DRUMS Input Jack

Use a single stereo cable (sold separately) to connect the output from the V-Drums sound module's PHONES OUT to this input jack.

For more detailed information with examples of using V-DRUMS input, refer to "Connections" (p. 10).

14. LINE IN (L/MONO, R) Jack

Connect V-Drums sound modules and other line-level devices here. Connect devices with monaural output to the L/MONO jack.

CH2

15. LINE IN (L/MONO, R) Jack

Connect line-level devices (e.g., synthesizers and sound modules) here. Connect devices with monaural output to the L/MONO jack.

CH3

16. LINE IN (L/MONO, R) Jack

Connect line-level devices (e.g., recorders, CD/MP3 players, etc.) here.

This input also includes RCA phono inputs, convenient for connecting CD players and similar devices.

Connect devices with monaural output to the L/MONO jack.

LINE OUT

17. LINE OUT (L/MONO, R) Jack

Connect this output to the PA, recording device, or other such equipment.

- * The MODE SELECT switch, equalizer, and MASTER VOLUME have no effect on this.

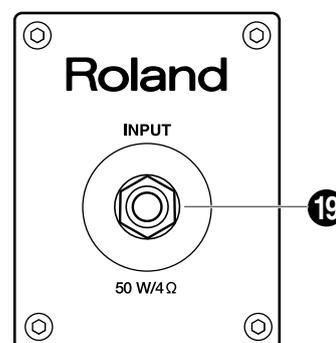
SPEAKER OUT

18. SPEAKER OUT (L, R) Jack

Use the supplied cable to connect the satellite speakers here.

- * Be sure to use the supplied speaker cables as the connection cables.
- * Connect the included satellite speakers.
- * To prevent damage to the equipment, always connect and disconnect speaker cables with the system power turned off.

Satellite Speaker: Rear Panel

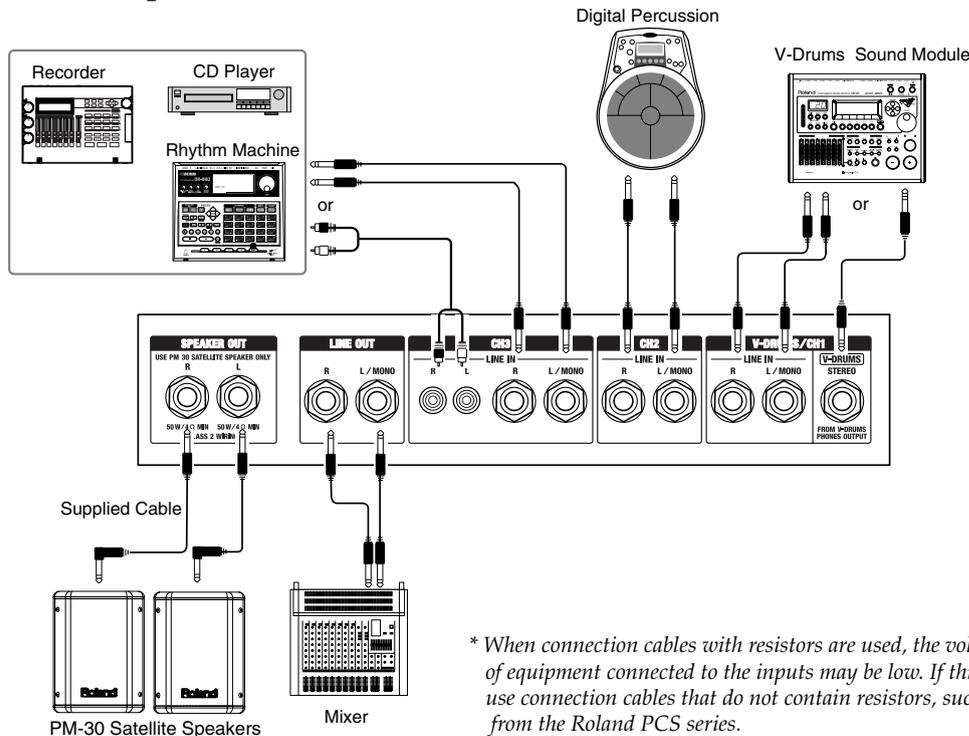


19. INPUT Jack

Use the supplied speaker cables to connect the satellite speakers to the main unit SPEAKER OUT jacks.

Connections

Setup Examples 1



Switching the Power On and Off

Once the connections have been completed, turn on power to your various devices in the order specified. By turning on devices in the wrong order, you risk causing malfunction and/or damage to speakers and other devices.

1. Make sure that all volume controls on the PM-30 and connected devices are set to 0.
2. Turn on all the devices connected to the PM-30's input jacks.
3. Turn on the PM-30.
4. Switch on any equipment connected to the PM-30's LINE OUT jack.
5. Adjust the volume levels for the devices.
6. Before switching off the power, lower the volume on each of the devices in your system and then TURN OFF the devices in the reverse order to which they were switched on.

* This unit is equipped with a protection circuit. A brief interval (a few seconds) after power up is required before the unit will operate normally. For protection from sudden big sound, always make sure to have the volume level turned down before switching on power. Even with the volume all the way down, you may still hear some sound when the power is switched on and off, but this is normal, and does not indicate a malfunction.

* If you need to turn off the power completely, first turn off the POWER switch, then unplug the power cord from the power outlet. Refer to "Power Supply" (p. 5).

* To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.

About Volume Settings

To get good sound when using the PM-30, set the volume as described below.

1. Set the V-DRUMS/CH1-CH3 VOLUME knobs, the WOOFER CONTROL VOLUME knob, and the EQUALIZER knobs to the center position, and set the MASTER VOLUME knob to 0. Set the PUNCH function and WOOFER MODE as desired.
2. Play or operate the devices connected to the V-DRUMS/CH1-CH3 inputs to input audio (play back the V-Drums demo, a CD, etc.) to the PM-30.
3. Turn the MASTER VOLUME knob to achieve a provisional volume level making further adjustment of the volume settings and tone easier.
4. Turn the V-DRUMS/CH1-CH3 VOLUME knobs to adjust the volume balance between the connected devices.
5. Turn the WOOFER CONTROL VOLUME knob to adjust the volume of the main unit while obtaining a balance with the volume from the satellite speakers.
6. Turn the BASS, MIDDLE, and TREBLE knobs to adjust the overall tone.
7. Adjust the overall volume level with the MASTER VOLUME knob.

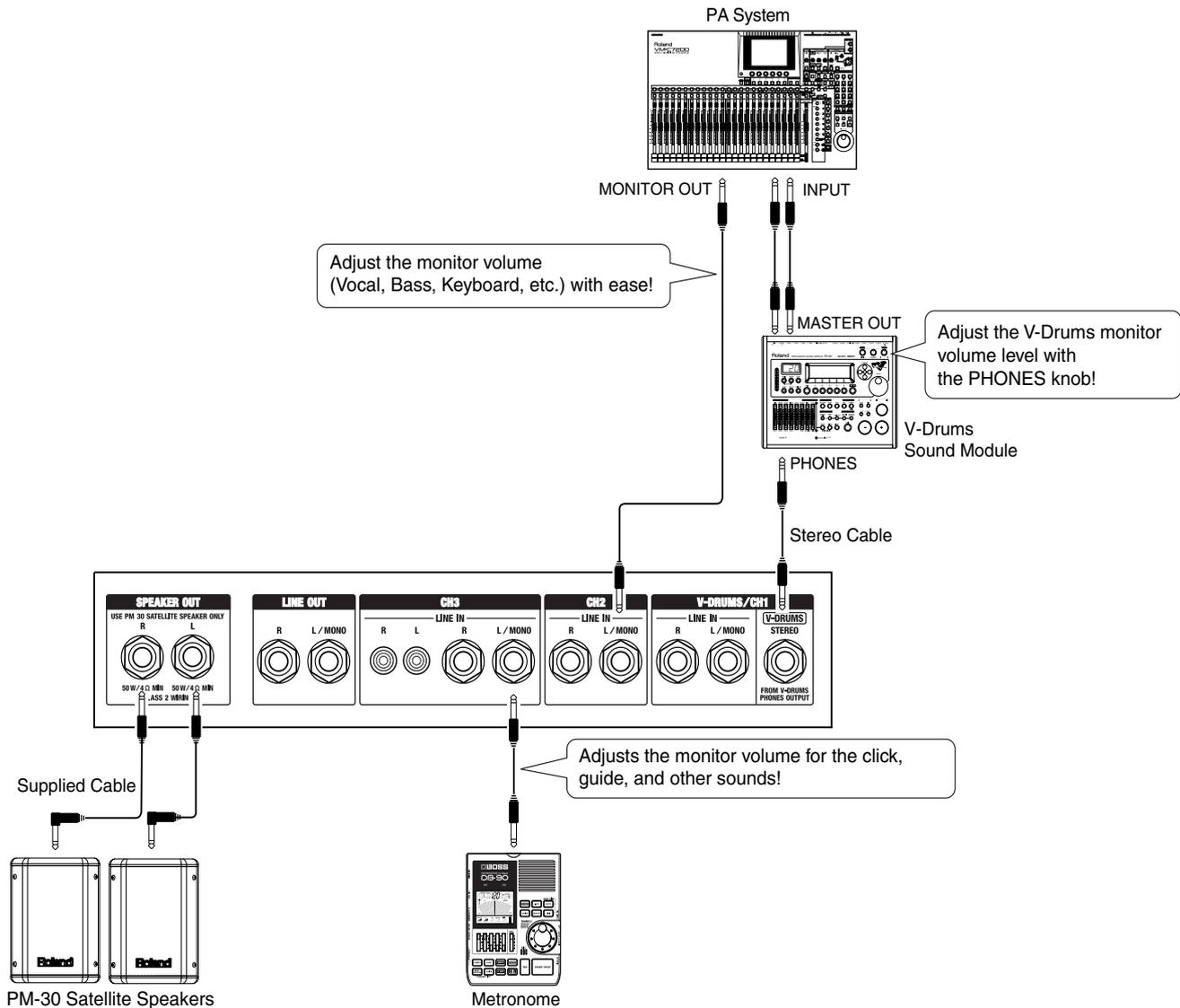
* If the sound is distorting, lower the MASTER VOLUME knob, the V-DRUMS/CH1-CH3 VOLUME knobs, and the volume knobs on the devices connected to the V-DRUMS/CH1-CH3 inputs to adjust the volume until the sound is not distorted.

Setup Examples 2 (When Using the PM-30 as a Stage Monitor)

This example shows how you can enjoy the fullest use of the PM-30's array of input and output connections when using the unit as a stage monitor.

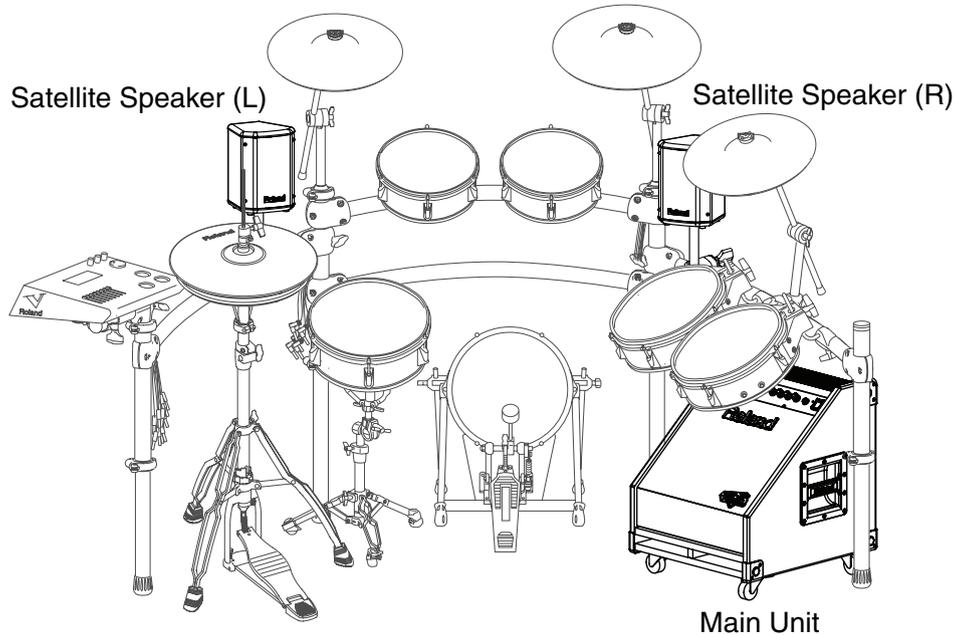
You can monitor the V-Drums sounds and sounds from other sources, all simultaneously.

Another benefit of this setup is that using the V-Drums stereo input allows you to adjust the monitor (PM-30) volume level with the V-Drums sound module's PHONES knob while leaving the output level to the PA unchanged.



Setup Examples

Setting Up with V-Drums Stands



MODE SELECT: SUBWOOFER

* Depending on the settings, the sounds output by the PM-30 may cause the V-Drums pads to trigger by mistake or otherwise operate incorrectly. If this occurs, resolve the problem either by positioning the PM-30 and the V-Drums pads further apart or by lowering the sensitivity setting on the V-Drums sound module.

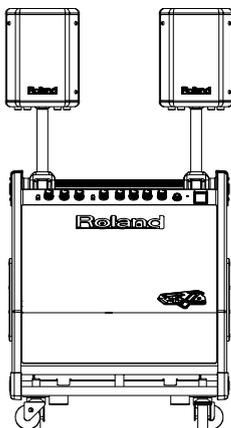
The PM-30 is not merely a monitor for use with V-Drums, but also can be used as a monitor with a variety of other devices, and can even be used as a simple PA in smaller venues.

Here are some specific examples of different ways to use the system.

Satellite Speakers Attached to the Main Unit's Handle

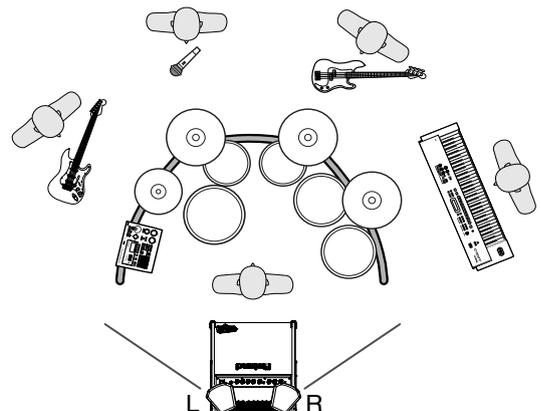
Using the same procedure as that used in attaching the satellite speakers to the V-Drums stand, the satellite speakers can be clamped to the main unit's top handle to provide an integrated monitor system.

With band performances at smaller studios, you can produce an effect very similar to acoustic drums by placing the PM-30 behind the V-Drums player, thus allowing the other band members to monitor the V-Drums sound at the same time.



Application Examples 1

Using the PM-30 as a V-Drums Main Speaker for Band Performances in Small Studios

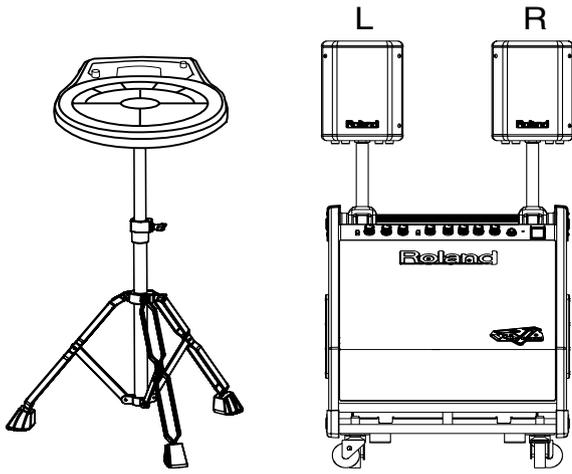


MODE SELECT: FULL RANGE



To prevent the satellite speakers from overturning, attach them so they are oriented perpendicular to the floor.

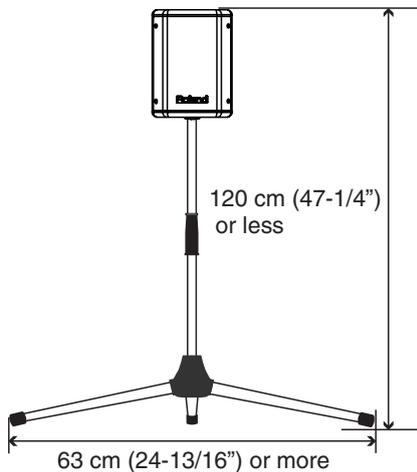
Application Examples 2 Using the PM-30 as a Monitor for Digital Percussion



MODE SELECT: FULL RANGE

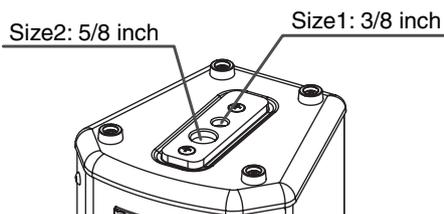
Satellite Speakers Attached to Mic Stands

You can remove the mount bars from the satellite speakers and attach these speakers to mic stands (optional). This allows you to separate the satellite speakers to emphasize the stereo effect and provides greater freedom in speaker layouts.

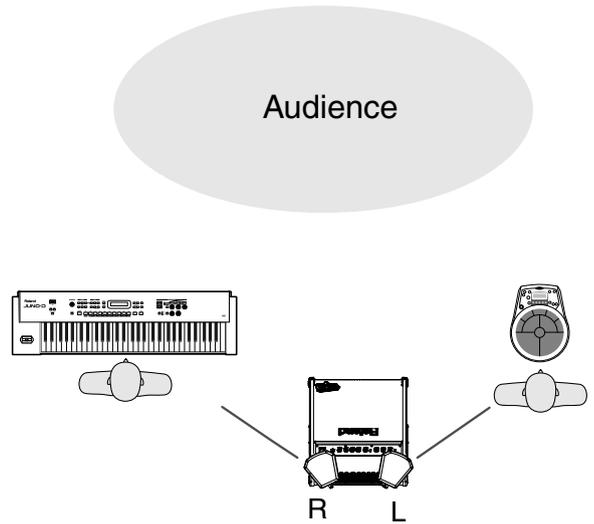


MEMO

The satellite speakers are compatible with two different screw sizes. Use the size matching that of your mic stands.



Application Examples 3 Using the PM-30 as a Simple PA



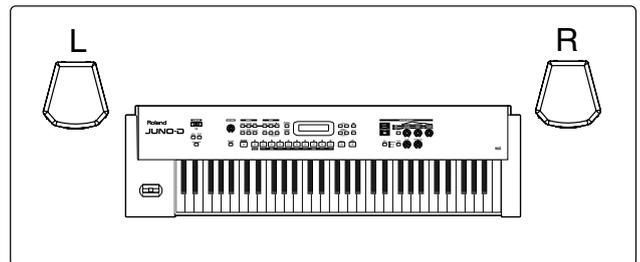
MODE SELECT: FULL RANGE

Satellite Speakers Placed on Desk or Table Top

You can remove the mount bars from the satellite speakers and place these speakers on a desk or table. This allows you to use the PM-30 as a 2.1-channel monitor with greater spread when playing synthesizers or other such instruments.

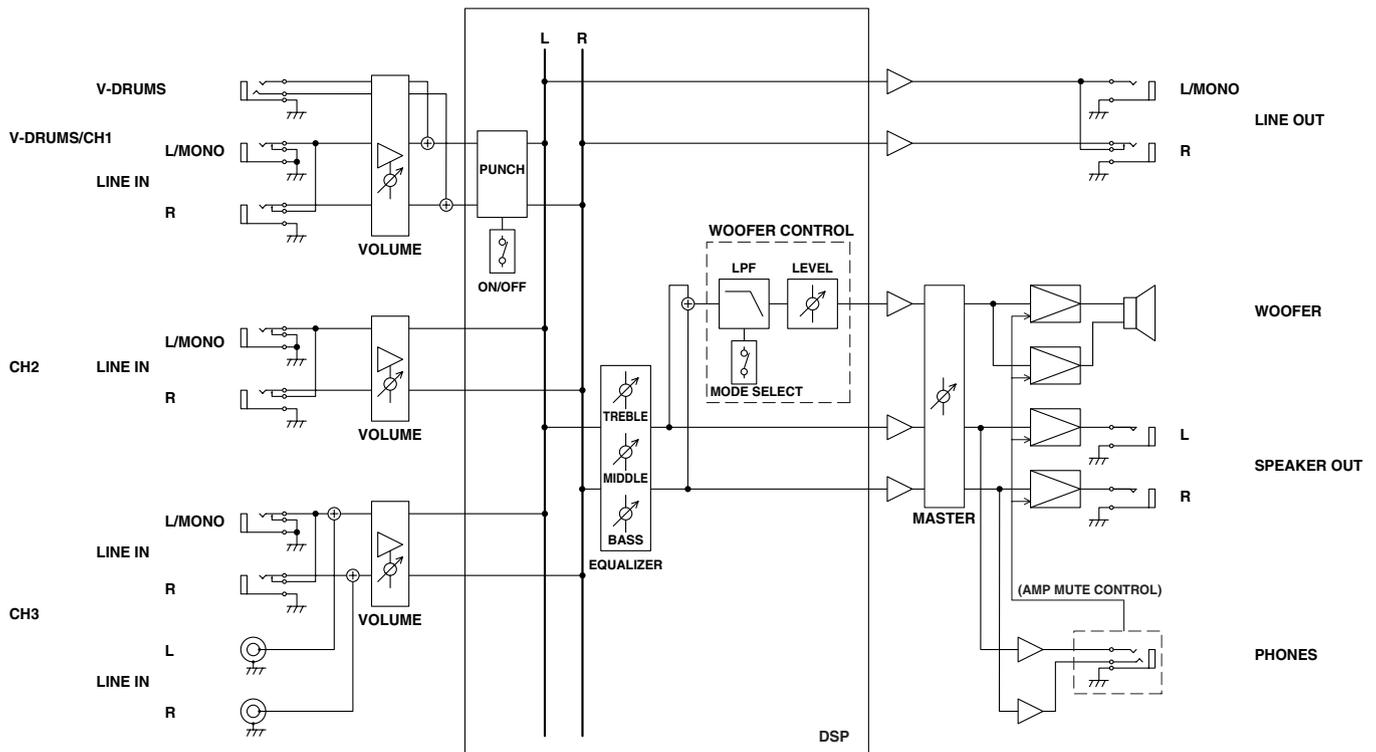
NOTE

- Never place it on stands that could wobble, or on inclined surfaces.
- The PM-30 is not designed to offer magnetic shielding.



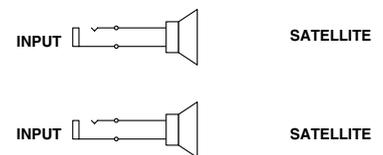
Block Diagram

Main Unit



* No sounds is played through the Main unit and satellite speakers while the PHONES jack is use.

Satellite Speakers



Troubleshooting

No sound from the main unit speaker

❑ Could the **WOOFER CONTROL VOLUME** knob be set to 0?

→ Turn the **WOOFER CONTROL VOLUME** knob to raise the volume.

Main Specifications

● Rated Power Output

200 W (Main Unit 100 W + Satellite Speaker 50W x 2)

● Nominal Input Level (1 kHz)

INPUT

CHANNEL1 (V-DRUMS): -10+4 dBu

(LINE IN): -20+4 dBu

CHANNEL2 (LINE IN): -10+4 dBu

CHANNEL3 (LINE IN): -10+4 dBu

● Nominal Output Level

LINE OUT: +4 dBu

SPEAKER OUT: 50 W / 4 Ω

● Speakers

Main Unit: 30 cm (12 inches) x 1 (Woofers)

7.7 cm (3-1/16 inches) x 1 (Tweeter)

Satellite Speaker: 10 cm (4 inches) x 2 (Full Range)

● Controls

<V-DRUMS/Channel1>

PUNCH Switch

Volume Knob

<Channel2 >

VOLUME Knob

<Channel3>

VOLUME Knob

<Woofers Control>

Mode Select Switch

Volume Knob

<MASTER>

BASS Knob (Equalizer)

MIDDLE knob (Equalizer)

TREBLE knob (Equalizer)

VOLUME Knob

POWER Switch

● Indicators

POWER

● Connectors

Main Unit

<V-DRUMS/Channel1>

V-DRUMS INPUT Jack (stereo 1/4" phone type)

LINE IN Jack (1/4" phone type)

<Channel2 >

LINE IN Jack (1/4" phone type)

<Channel3>

LINE IN Jack (1/4" phone type / RCA PIN type)

LINE OUT Jack (1/4" phone type)

SPEAKER OUT Jack (1/4" phone type)

PHONES Jack (stereo 1/4" phone type)

Satellite Speaker

INPUT Jack (1/4" phone type)

● Power Supply

AC 117 V, AC 230 V, AC 240 V (50 / 60 Hz)

AC 220 V (60 Hz)

● Power Consumption

63 W

● Dimensions

Main Unit: (Excluding casters)

451 (W) x 482 (D) x 482(H) mm

17-13/16 (W) x 19 (D) x 19 (H) inches

(Including casters)

451 (W) x 482 (D) x 533 (H) mm

17-13/16 (W) x 19 (D) x 21 (H) inches

Satellite Speaker: 152 (W) x 158 (D) x 209 (H) mm

6 (W) x 6-1/4 (D) x 8-1/4 (H) inches

● Weight

Main Unit: (Excluding casters)

24.3 kg / 53 lbs 10 oz

(Including casters)

25.0 kg / 55 lbs 2 oz

Satellite Speaker: 2.2 kg / 4 lbs 14 oz (for each)

● Accessories

Mount Bar x 2

Clamp x 2

Speaker Cable (3.5 m) x 2

Caster x 4

Owner's Manual

* 0 dBu = 0.775 Vrms

NOTE

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

For EU Countries



This product complies with the requirements of European Directives EMC 89/336/EEC and LVD 73/23/EEC.

For the USA

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

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

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

For Canada

NOTICE

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

AVIS

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.



This product must be disposed of separately
at your local waste recycling centre.
Do not dispose of in household waste bin.