

**User's Guide**  
for the  
**CRATE AUDIO**  
**PSM6P**  
**Powered Full Range Enclosures**



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*Please read this guide  
before using your new  
powered speakers!*

**CRATE**

# CRATE PSM6P Powered Full Range Enclosures

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 <b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN 	 <b>PRECAUCION</b> RIESGO DE CORRIENTAZO NO ABRA 	 <b>ATTENTION</b> RISQUE D'ELECTROCUTION NE PAS OUVRIR 		
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	PRECAUCION: PARA REDUCIR EL RIESGO DE INCENDIOS O DESCARGAS ELECTRICAS, NO PERMITA QUE ESTE APARATO QUEDE EXPUESTO A LA LLUVIA O LA HUMEDAD. PARA DISMINUIR EL RIESGO DE CORRIENTAZO, NO ABRA LA CUBIERTA. NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDE REPARAR DEJE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.	ATTENTION: PROTEGEZ CET APPAREIL DE LA PLUIE ET DE L'HUMIDITE AFIN D'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION. POUR REDUIRE D'ELECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIECE INTERNE N'EST REPRABLE PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN QUALIFIE.		
<h3>IMPORTANT SAFETY INSTRUCTIONS</h3> <ul style="list-style-type: none"> <li>• READ, FOLLOW, HEED, AND KEEP ALL INSTRUCTIONS AND WARNINGS.</li> <li>• DO NOT OPERATE NEAR ANY HEAT SOURCE AND DO NOT BLOCK ANY VENTILATION OPENINGS ON THIS APPARATUS. FOR PROPER OPERATION, THIS UNIT REQUIRES 3" (75mm) OF WELL VENTILATED SPACE AROUND HEATSINKS AND OTHER AIR FLOW PROVISIONS IN THE CABINET.</li> <li>• DO NOT USE THIS APPARATUS NEAR SPLASHING, FALLING, SPRAYING, OR STANDING LIQUIDS.</li> <li>• CLEAN ONLY WITH LINT-FREE DAMP CLOTH AND DO NOT USE CLEANING AGENTS.</li> <li>• ONLY CONNECT POWER CORD TO A POLARIZED, SAFETY GROUNDED OUTLET WIRED TO CURRENT ELECTRICAL CODES AND COMPATIBLE WITH VOLTAGE, POWER, AND FREQUENCY REQUIREMENTS STATED ON THE REAR PANEL OF THE APPARATUS.</li> <li>• PROTECT THE POWER CORD FROM DAMAGE DUE TO BEING WALKED ON, PINCHED, OR STRAINED.</li> <li>• UNPLUG THE APPARATUS DURING LIGHTNING STORMS OR WHEN UNUSED FOR LONG PERIODS OF TIME.</li> <li>• ONLY USE ATTACHMENTS, ACCESSORIES, STANDS, OR BRACKETS SPECIFIED BY THE MANUFACTURER FOR SAFE OPERATION AND TO AVOID INJURY.</li> <li>• WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK OR FIRE, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE..</li> <li>• SERVICE MUST BE PERFORMED BY QUALIFIED PERSONNEL.</li> <li>• OUR AMPLIFIERS ARE CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS. CONTINUED EXPOSURE TO HIGH SOUND PRESSURE LEVELS CAN CAUSE PERMANENT HEARING IMPAIRMENT OR LOSS. USER CAUTION IS ADVISED AND EAR PROTECTION IS RECOMMENDED IF UNIT IS OPERATED AT HIGH VOLUME.</li> </ul>				
EXPLANATION OF GRAPHICAL SYMBOLS: EXPLICACION DE SIMBOLOS GRAFICOS: EXPLICATION DES SYMBOLES GRAPHIQUES:	 =	"DANGEROUS VOLTAGE" "VOLTAJE PELIGROSO" "DANGER HAUTE TENSION"	 =	"IT IS NECESSARY FOR THE USER TO REFER TO THE INSTRUCTION MANUAL" "ES NECESARIO QUE EL USUARIO SE REFIERA AL MANUAL DE INSTRUCCIONES." "REFERREZ-VOUS AU MANUAL D'UTILISATION"

# **CRATE** **PSM6P** Powered Full Range Enclosures

## **Introduction:**

Thank you for choosing the Crate Audio **PSM6P** Powered Full Range enclosures. **PSM6P** speakers provide exceptional sound quality in a rugged, compact package and are suitable for a wide variety of applications. Each **PSM6P** features an internal 50 watt power amplifier with gain, eq and level controls. 1/4" Input and Aux Out jacks allow for a variety of system configurations. (Some examples of their application are shown on page 6.)

The moisture-resistant enclosures of the **PSM6P** are manufactured from a high-impact polymer to provide years of rugged use. They feature an integrated handle and a 5/8" stand mount for secure use with the Traveler PA speaker stands.

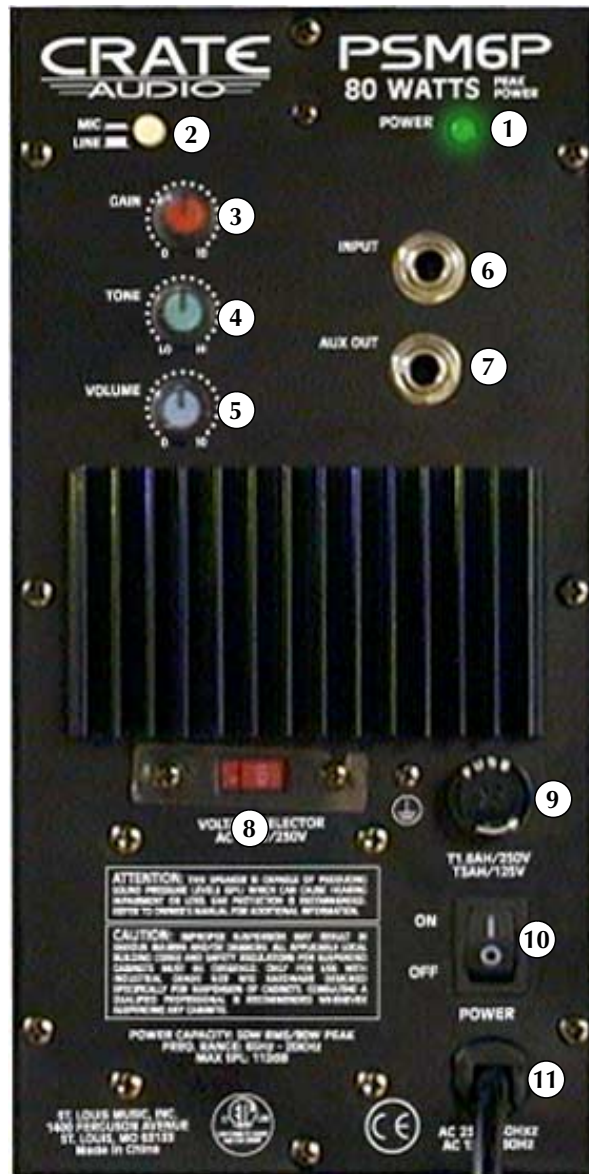
The **PSM6P** speakers feature a high efficiency dome tweeter and a sturdy 6-1/2" low frequency driver for clear and faithful audio reproduction.

### **IMPORTANT SAFETY INSTRUCTIONS:**

1. Read, follow and keep these instructions. Heed all warnings.
2. This speaker is capable of producing high sound pressure levels that may cause permanent hearing damage. User caution is advised and ear protection is recommended during use.
3. This speaker is designed for use on a level floor or mounted to the supplied speaker stand. The use of a speaker stand may pose a risk of personal injury. Installations are to be performed by a professional installer in accordance with local building codes.
4. Speaker cables are a tripping hazard and must be routed out of traffic areas and away from any possible accidental contact.
5. Do not expose this speaker to rain or moisture. Do not place liquid filled containers on this speaker. Clean only with a damp cloth.
6. Repair or service of this speaker should be performed only by qualified personnel.

# CRATE PSM6P Powered Full Range Enclosures

## The Input Plate:



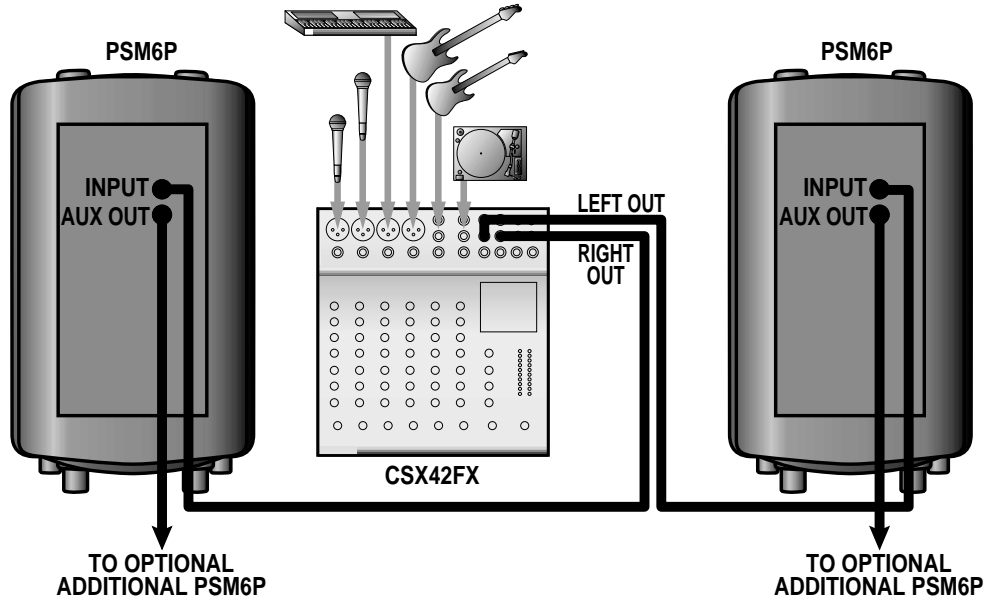
# **CRATE** PSM6P Powered Full Range Enclosures

- 1. POWER LED:** This LED illuminates when the unit is on. The blue LED on the front of the enclosure (not shown) also illuminates when the unit is on.
- 2. MIC/LINE:** Use this switch to set the input for the type of source connected to the Input jack of the PSM6P. For microphones, set the switch to the Mic position (switch depressed). For line level signals, such as the output of a mixer, set the switch to the Line position (switch out).
- 3. GAIN:** Use this control to adjust the level of the input signal when the Mic/Line switch (#2) is in the Mic position (switch depressed).
- 4. TONE:** Use this control to adjust the equalization of input signal. Rotating this control counter clockwise boosts the low frequencies, rotating this control clockwise boosts the high frequencies.
- 5. VOLUME:** Use this control to adjust the speaker's output level.
- 6. INPUT:** Use this jack to connect the signal source to the PSM6P - see Applications on page 6.
- 7. AUX OUT:** Use this jack to connect the PSM6P to the Input jack of another PSM6P when using multiple cabinets - see Applications on page 6. The output of this jack is unaffected by the Gain, Tone, and Volume controls (#3, 4, 5).
- 8. VOLTAGE SELECTOR:** Use this switch to match the PSM6P to the AC line voltage source.
- 9. FUSE:** The PSM6P uses a fuse to help protect the unit from damage due to overload conditions. If the fuse fails replace it *only* with the same size and type as indicated on the panel. If the fuse fails repeatedly, check the AC line voltage source and the unit's Voltage Selector switch (#8). If the problem persists contact your Crate dealer.
- 10. POWER:** Use this switch to turn the PSM6P on and off. The Power LED (#1) and the front panel blue LED illuminate when the power is on.
- 11. AC LINE CORD:** This grounded power cord is to be plugged into a grounded power outlet, wired to current electric codes and compatible with the voltage, power and frequency requirements stated on the rear panel. **Do not attempt to defeat the safety ground connection.**

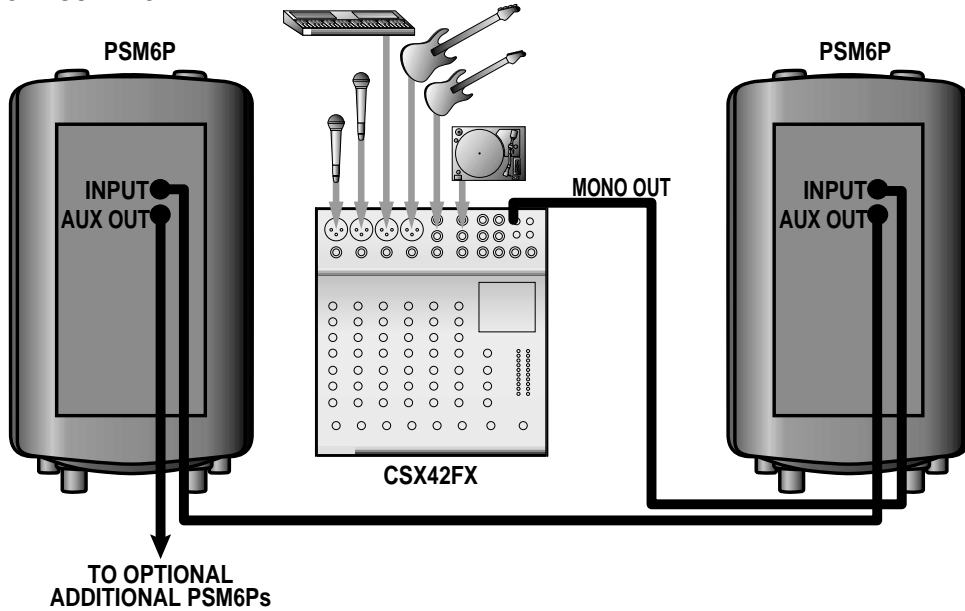
# CRATE PSM6P Powered Full Range Enclosures

## Applications:

### SAMPLE STEREO CONFIGURATION:

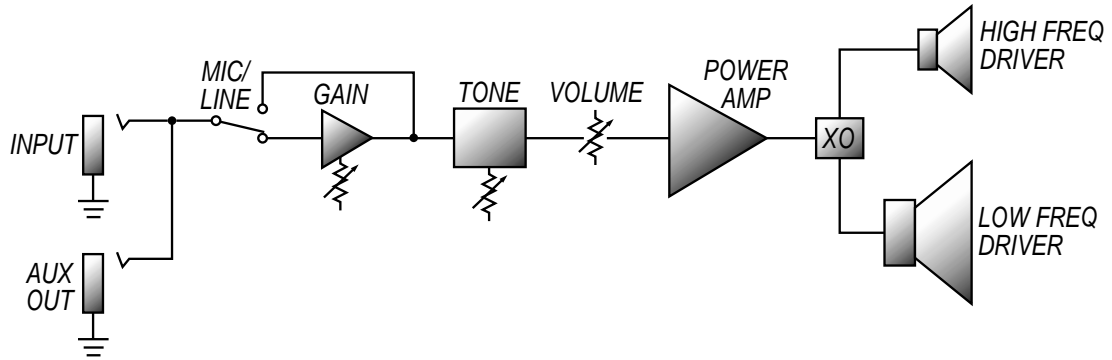


### SAMPLE MONO CONFIGURATION:



# CRATE PSM6P Powered Full Range Enclosures

## System Block Diagram:



# **CRATE** PSM6P Powered Full Range Enclosures

## Technical Specifications:

Cabinet Type	Molded High-Impact Polymer
Power Handling	50W (RMS), 80W peak
Drivers	Low Frequency 6.5" woofer High Frequency Dome tweeter
Sensitivity	91dB (1W @ 1m)
Rated Maximum SPL	112dB
Frequency Response	80Hz - 20kHz
Controls	Gain, Tone, Volume; Mic/Line switch
Input / Aux Out Connectors	1/4" Input jacks
Power Requirements	120VAC, 60Hz, 70VA 100/115VAC, 50/60Hz, 70VA 230VAC, 50/60Hz, 70VA
Dimensions H x W x D	14.17"H x 7.88"W x 9.12D" 36cm x 20cm x 23.2cm
Weight	15.4 lbs 7 kg
Stand Mount	5/8"

*Specifications subject to change without notice.*



[www.crateaudio.com](http://www.crateaudio.com)



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