

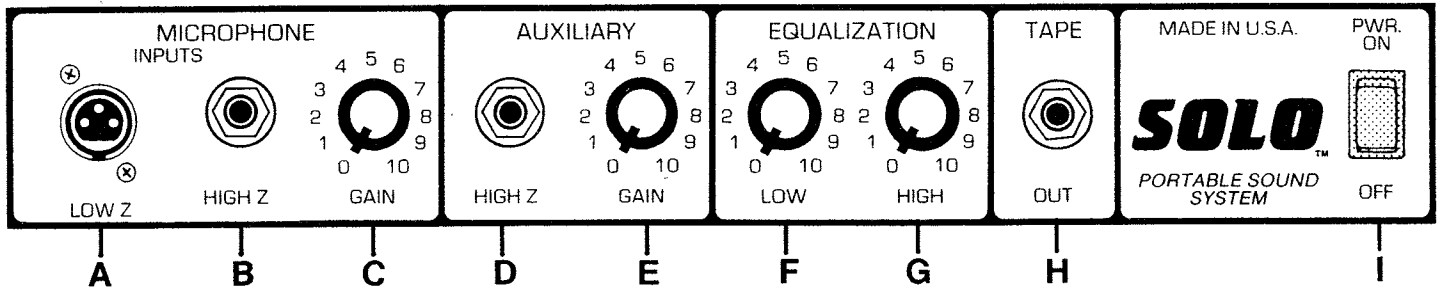


**CAUTION**  
TO PREVENT ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. BEFORE USING THIS APPLIANCE, READ BACK COVER FOR FURTHER WARNINGS.

# SOLO™

## PORTABLE SOUND SYSTEM

# OPERATING GUIDE



**LOW IMPEDANCE INPUT (A)**  
For use with low impedance microphones or low level sources equipped with a male XLR connector.

**LOW IMPEDANCE INPUT (A)**  
Zum Anschluß von niederohmigen Mikrofonen oder Geräten mit geringer Ausgangsspannung, die mit einem XLR-Stecker ausgerüstet sind.

**LOW IMPEDANCE INPUT (A)**  
**(Entrée Basse Impédance)**  
Accepte tout micro à basse impédance ou autre source à bas niveau équipée d'une fiche mâle XLR.

**LOW IMPEDANCE INPUT (A)**  
**(Entrada de Baja Impedancia)**  
Para ser usadas solo con microfonos de baja impedancia o fuentes de bajo nivel que esten equipadas con conectores tipo XLR macho.

**HIGH IMPEDANCE INPUT (B)**  
For use with high impedance microphones or high level sources equipped with a phone plug.

**HIGH IMPEDANCE INPUT (B)**  
Zum Anschluß von hochohmigen Mikrofonen oder Geräten mit hoher Ausgangsspannung, die mit einem Klinkenstecker ausgerüstet sind.

**HIGH IMPEDANCE INPUT (B)**  
**(Entrée Haute Impédance)**  
Accepte tout micro à haute impédance ou autre source à haut niveau équipée d'une fiche jack mâle.

**HIGH IMPEDANCE INPUT (B)**  
**(Entrada de Alta Impedancia)**  
Para ser usadas solo con microfonos de alta impedancia o fuentes de alto nivel que esten equipadas con conectores tip telefono o ¼" macho.

**NOTE:**  
It is possible to use both the high impedance and low impedance inputs simultaneously.

**NOTE:**  
**(Achtung!)**  
Es ist möglich, den hoch- und den niederohmigen Eingang gleichzeitig zu betreiben.

**NOTE:**  
**(Note:)**  
Il est possible d'utiliser simultanément les entrées haute et basse impédance.

**NOTE:**  
**(Nota:)**  
Es posible utilizar ambas entradas, de baja y de alta impedancia simultaneamente.

**GAIN (C)**  
Controls the channel volume.

**GAIN (C)**  
**(Gain)**  
Regelt die Lautstärke des Kanals.

**GAIN (C)**  
Commande le niveau du canal.

**GAIN (C)**  
**(Ganancia)**  
Controla el volumen del canal.

**HIGH IMPEDANCE AUXILIARY INPUT (D)**  
For use with virtually any high impedance device, such as microphone, electric guitar, electronic keyboard, tape recorder, etc.

**HIGH IMPEDANCE AUXILIARY INPUT (D)**  
Kann im Prinzip für jedes andere hochohmige Gerät, wie z.B. Mikrophone, E-Gitarren, Keyboards, Bandmaschinen usw., gebraucht werden.

**HIGH IMPEDANCE AUXILIARY INPUT (D)**  
**(Entrée Auxiliaire haute Impédance)**  
Accepte toute source à haute impédance telle que micro, guitare électrique clavier, magnétophone, etc.

**HIGH IMPEDANCE AUXILIARY INPUT (D)**  
**(Entrada Auxiliar de Alta Impedancia)**  
Para ser utilizada virtualmente con cualquier equipo de alta impedancia tales como: microfono, guitarra electrica, teclado electronico, tocacinta, etc.

**GAIN (E)**  
Controls the channel volume.

**GAIN (E)**  
**(Gain)**  
Regelt die Lautstärke des Kanals.

**GAIN (E)**  
Commande le niveau du canal.

**GAIN (E)**  
**(Ganancia)**  
Controla el volumen del canal.

**LOW FREQUENCY EQ (F)**  
A passive tone control that adjusts low frequencies.

**LOW FREQUENCY EQ (F)**  
Eine passive Klangreglung, welche die tiefen Frequenzen regelt.

**LOW EQ (F)**  
**(Potentiomètre Graves)**  
Réglage de tonalité passif qui dose les fréquences graves.

**LOW FREQUENCY EQ (F)**  
**(Ecuador de Frecuencias Graves)**  
Es un control pasivo de tono que ajusta las frecuencias graves.

**HIGH FREQUENCY EQ (G)**  
A passive tone control that adjusts high frequencies.

**HIGH FREQUENCY EQ (G)**  
Eine passive Tonregelung für die hohen Frequenzen.

**HIGH FREQUENCY EQ (G)**  
**(Potentiomètre Aigüs)**  
Réglage de tonalité passif qui dose les fréquences aigües.

**HIGH EQ (G)**  
**(Ecuador de Alta Frecuencia)**  
Es un control pasivo de tono, que ajusta las altas frecuencias.

**TAPE OUT JACK (H)**  
Used to route the amplified signal directly to a tape recorder, mixing console, or other equipment. A shielded cable must be used for connection.

**TAPE OUT JACK (H)**  
Führt das Verstärkersignal direkt zu Bandmaschine, Mischpult u.a. Geräten. Zur Verbindung müssen abgeschirmte Kabel benutzt werden.

**TAPE OUT JACK (H)**  
**(Sortie enregistrement "Tape Out")**  
Sortie ligne pour acheminer le signal préamplifié vers un magnétophone, un mélangeur ou autre équipement. Utiliser un câble blindé pour ce branchement.

**TAPE OUT JACK (H)**  
**(Salida Señal Directa: "Tape-Out")**  
Usada para enviar la señal directa a una grabadora, consola mezcladora u otro equipo. Un cable de un conductor blindado debe ser usado para esta conexión.

### POWER SWITCH (I)

Depress the switch to the "On" position. The red pilot light (LED) will illuminate indicating power is being supplied to the unit.

### POWER SWITCH (I)

(Netzschalter)  
Bringen Sie den Schalter auf die ON-Position. Die rote Kontrollampe (LED) leuchtet und zeigt an, daß das Gerät eingeschaltet ist.

### POWER SWITCH (I)

(Interrupteur Secteur)  
Interrupteur général. En position Marche, une diode LED rouge s'allume.

### POWER SWITCH (I)

(Interruptor de Poder)  
Presione el interruptor a la posición de encendido (ON). La luz roja del piloto (indicador) se encenderá indicando que la unidad esta recibiendo el poder.

### AC ADAPTOR RECEPTACLE

The amplifier may be operated from an AC power source by means of an AC adaptor. The adaptor must provide 12 volt/2 amp/DC output, negative ground. A suitable adaptor is available from your Peavey dealer. CAUTION: The amplifier will not work with 12 volt systems utilizing positive (+) grounds.

### AC ADAPTOR (Behälter für Netzgerät)

Um den Verstärker am Stromnetz zu betreiben, benötigt man einen Netzgerät. Dieser Adapter muß eine Gleichspannung von 12 Volt und 2 Ampere abgeben. Ein entsprechender Adapter ist bei Ihrem Peavey-Händler erhältlich. Achtung! Bitte beachten Sie, daß die Masse des Verstärkers immer mit der negativen Spannung arbeitet.

### AC ADAPTOR (Prise pour alimentation secteur)

Cet appareil peut être alimenté à partir du secteur au moyen d'un adaptateur. Celui-ci doit fournir une sortie 12 V continu sous 2 ampères avec négatif à la masse. Veuillez à bien respecter la polarité et la capacité en courant.

### AC ADAPTOR RECEPTACLE (Receptáculo del Adaptador de CA)

El amplificador puede también ser operado usando un adaptador de "corriente alterna," este adaptador deberá enviar 12 voltios a 2 amperes de corriente directa (C.D.) con tierra negativa, que su distribuidor Peavey le puede proporcionar opcionalmente. PRECAUCION: el amplificador no trabajará con adaptadores que utilicen tierra (+) Positiva.

### BATTERIES

The amplifier is designed to deliver rated power from eight 1½ volt batteries (ANSI-type D or L90, IEC-type R-20 or LR-20, NEDA-type 13 or 13A). To install or replace the batteries, remove the screws holding the battery cover in place. When inserting new batteries, be sure to align the (+) and (-) terminals as shown on the battery mounting clip. After installing batteries, replace the cover and screws.

### BATTERIES (Batterien)

Die Konstruktion des Verstärkers wurde für den Betrieb durch 8 Stück 1,5 Volt Batterien ausgelegt. Zum Einlegen oder Wechseln der Batterien lösen Sie bitte die Schrauben des Batteriedeckels. Achten Sie bitte darauf, daß die Batterien mit ihren Polungen genau nach dem Schema im Batteriekasten eingelegt werden. Nach dem Einlegen schließen Sie bitte den Deckel des Kastens wieder und befestigen Sie die Schrauben.

### BATTERIES (Piles)

Votre amplificateur pourra délivrer sa puissance nominale dès lors qu'il sera alimenté sur 8 piles de 1,5 volts (ANSI type D ou L90, IEC type R-20 ou LR-20, NEDA type 13 ou 13 A). Pour poser ou retirer les piles, enlevez les vis qui maintiennent le couvercle en place. En posant de nouvelles piles, assurez-vous de leur polarité en respectant les signes (+) et (-) figurant sur le support. Ensuite, fermez le compartiment à piles en vissant le couvercle en place.

### BATTERIES (Baterias)

Este amplificador esta diseñado, para la potencia nominal utilizando 8 baterías de 1½ voltios (ANSI tipo D o L90, IEC tipo R-20 o LR-20, NEDA tipo 13 o 13 A). Para instalar o reemplazar la baterías; remueva los tornillos que sostienen la cubierta de las baterías en su lugar. Cuando coloque las baterías asegúrese de observar la apropiada polaridad de las mismas. Después de instalar las baterías, vuelva a colocar la cubierta y asegúrela con los tornillos.

## SOLO™ SPECIFICATIONS

### POWER AMPLIFIER SECTION:

#### Rated Power & Load:

15W RMS into 3.2 ohms

#### Power @ Clipping:

(Typically @ 1 kHz, 3.2 ohms)

(Using external Power Pack @ 120 VAC or external regulated

+12 VDC Source)

15W RMS @ 5% THD

(Using internal "New" batteries @ 12 VDC):

10W RMS @ 5% THD

#### Frequency Response:

+0, -3 dB, 80 Hz to 10 kHz @ 1 watt into 3.2 ohms

#### Total Harmonic Distortion:

Less than 0.3%, 100 mW to 10W RMS.

80 Hz to 10 kHz, 3.2 ohms

Typically below 0.2%

#### Power Consumption (External Power Pack):

40 watts @ 120 VAC, 50/60 Hz

#### Power Consumption (Optional 12V Adaptor):

12-17 VDC, Negative Ground

24 watts @ 12 VDC, 2 ADC

#### Battery Complement:

Eight Size "D", 1.5 Volt (ANSI-L90)

(Alkaline Type Recommended)

#### PREAMP SECTION:

The following specs are measured @ 1 kHz with the Low and

High EQ controls set @ 5

Nominal Level is with Gains @ 5

Minimum Level is with Gains @ 10

#### Low Z Microphone Input:

Input Impedance: Low Z, 3.3K ohms

Nominal Input Level: -36 dBV, 15 mV RMS

Minimum Input Level: -54 dBV, 2 mV RMS

Maximum Input Level: +6 dBV, 2.0V RMS

#### High Z Microphone Input:

Input Impedance: High Z, 33K ohms

Nominal Input Level: -16 dBV, 150 mV RMS

Minimum Input Level: -34 dBV, 20 mV RMS

Maximum Input Level: +26 dBV, 20V RMS

#### High Z Auxiliary Input:

Input Impedance: Very High Z, 2.2M ohms

Nominal Input Level: -20 dBV, 100 mV RMS

Minimum Input Level: -36 dBV, 16 mV RMS

Maximum Input Level: 0 dBV, 1.0V RMS

#### System Hum & Noise:

(Measured @ Nominal Levels, 20 Hz to 20 kHz unweighted)

80 dB below rated power

#### Equalization:

(Low & High Active Type)

+/-12 dB @ 80 Hz & 5 kHz

#### Tape Output:

Load Impedance: 10K ohms or greater

Designed Output: -20 dBV, 0.1V RMS

**DANGER**  
EXPOSURE TO EXTREMELY HIGH NOISE LEVELS MAY CAUSE A PERMANENT HEARING LOSS. INDIVIDUALS VARY CONSIDERABLY IN SUSCEPTIBILITY TO NOISE INDUCED HEARING LOSS, BUT NEARLY EVERYONE WILL LOSE SOME HEARING IF EXPOSED TO SUFFICIENTLY INTENSE NOISE FOR A SUFFICIENT TIME.  
THE U.S. GOVERNMENT'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) HAS SPECIFIED THE FOLLOWING PERMISSIBLE NOISE LEVEL EXPOSURES

DURATION PER DAY IN HOURS.

SOUND LEVEL dBA, SLOW RESPONSE

8	90
6	92
4	95
3	97
2	100
1½	102
1	105
¾	110
½ or less	115

ACCORDING TO OSHA, ANY EXPOSURE IN EXCESS OF THE ABOVE PERMISSIBLE LIMITS COULD RESULT IN SOME HEARING LOSS.

EAR PLUGS OR PROTECTORS IN THE EAR CANALS OR OVER THE EARS MUST BE WORN WHEN OPERATING THIS AMPLIFICATION SYSTEM IN ORDER TO PREVENT A PERMANENT HEARING LOSS IF EXPOSURE IS IN EXCESS OF THE LIMITS SET FORTH ABOVE. TO INSURE AGAINST POTENTIALLY DANGEROUS EXPOSURE TO HIGH NOISE AND PRESSURE LEVELS, IT IS RECOMMENDED THAT ALL PERSONS EXPOSED TO EQUIPMENT CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS SUCH AS THIS AMPLIFICATION SYSTEM BE PROTECTED BY HEARING PROTECTORS WHILE THIS UNIT IS IN OPERATION.

#### CAUTION

THIS AMPLIFIER HAS BEEN DESIGNED AND CONSTRUCTED TO PROVIDE ADEQUATE POWER RESERVE FOR PLAYING MODERN MUSIC WHICH MAY REQUIRE OCCASIONAL PEAK POWER TO HANDLE OCCASIONAL PEAK POWER. ADVERTISED POWER "HEADROOM" HAS BEEN DESIGNED INTO THIS SYSTEM. EXTENDED OPERATION AT ABSOLUTE MAXIMUM POWER LEVEL IS NOT RECOMMENDED SINCE THIS COULD DAMAGE THE ASSOCIATED LOUPEAKER SYSTEM. PLEASE BE AWARE THAT MAXIMUM POWER CAN BE OBTAINED WITH VERY LOW SETTINGS OF THE GAIN CONTROL. THE INPUT SIGNAL IS VERY STRONG.

- Read the use and operating instructions before using this product.
- All safety and operating instructions should be retained for future reference.
- Obey all cautions in the operating instructions and on the back of the unit.
- All operating instructions should be followed.
- This product should not be used near water, i.e. a bathtub, sink, swimming pool, wet basement, etc.
- This product should be located so that its position does not interfere with its proper ventilation. It should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
- This product should not be placed near a source of heat such as a stove, heater, radiator or another heat producing amplifier.
- Connect to the power supply of the type marked on the unit adjacent to the power supply cord.
- Never break off the ground pin on the power supply cord. For more information on grounding, write for our free booklet "Shock Hazard and Grounding."
- Power supply cords should always be handled carefully. Never walk or place equipment on power supply cords. Periodically check cords for cuts or signs of stress, especially at the plug and the point where the cord exits the unit.
- The power supply cord should be unplugged when the units is to be unused for long periods of time.
- Metal parts can be cleaned with a damp rag. The vinyl covering used on some units can be cleaned with a damp rag, or an ammonia based household cleaner, if necessary.
- Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation holes or any other openings.
- This unit should be checked by a qualified service technician if:
  - The power supply cord or plug has been damaged
  - Anything has fallen or been spilled into the unit
  - The unit does not operate correctly
  - The unit has been dropped or the enclosure damaged
- The user should not attempt to service this equipment. All service work should be done by a qualified service technician.

Due to our efforts for constant improvement, features and specifications are subject to change without notice.

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