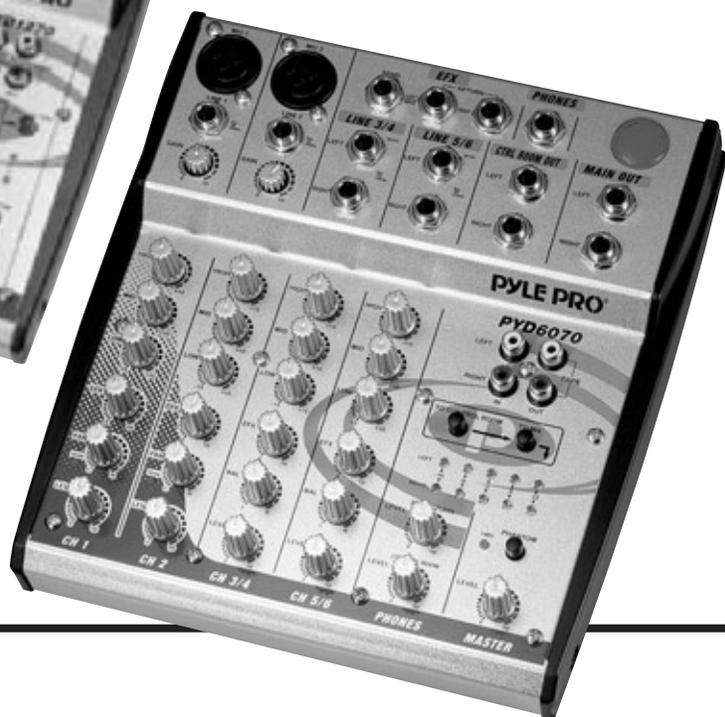


PYLE[®] PRO

PYD6070/PYD1270
6/12 channel 2 BUS
professional
mixing console

pro series



Your PYLE PRO Series Compact Mixing Console

is a sophisticated control center, perfect for mixing sound from multiple signal sources such as MICROPHONES, GUITAR, GUITAR AMP, KEYBOARD, SAMPLER, DRUM MACHINE or AUDIO OUTPUT FROM A VCR.

This mixer is ruggedly constructed for home or professional use. Wide range of volume controls permit you to adjust sound levels accurately to achieve just the right mix for playing through your speaker system or for recording.

Owner's Manual Table of Contents

i Introduction

1 Safety Instructions

Care and Maintenance

2 Features and Controls: PYD6070 Mixer

3 Features and Controls: PYD1270 Mixer

4 INSTALLATION, PYD6070 Mixers

5 INSTALLATION, PYD1270 Mixers

6 Mono Input Channel Controls,

MIC/LINE/GAIN/EQ/EFX/PAN/PEAK/LEVEL/LO CUT(PYD1270)

CH1/CH2 For PYD6070

CH1/CH2/CH3/CH4 For PYD1270

7 Stereo Input Channel Controls,

LINE/EQ(PYD6070)/EFX/BAL/LEVEL/GAIN(PYD1270)

CH3/4 & CH5/6 For PYD6070

CH5/6, CH7/8, CH9/10, & CH11/12 For PYD1270

8-9 Main Section Connections and Controls

10 Specifications

11 Warranty

Safety Instructions



CAUTION: To reduce the risk of electronic shock, do not remove the cover (or back). No user serviceable parts inside; refer servicing to qualified personnel.

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



This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure-voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

This device should be kept away from water or liquid to be spilled into the unit.

This device should be kept away from heat sources such as raditors, heat registers, stoves, etc.

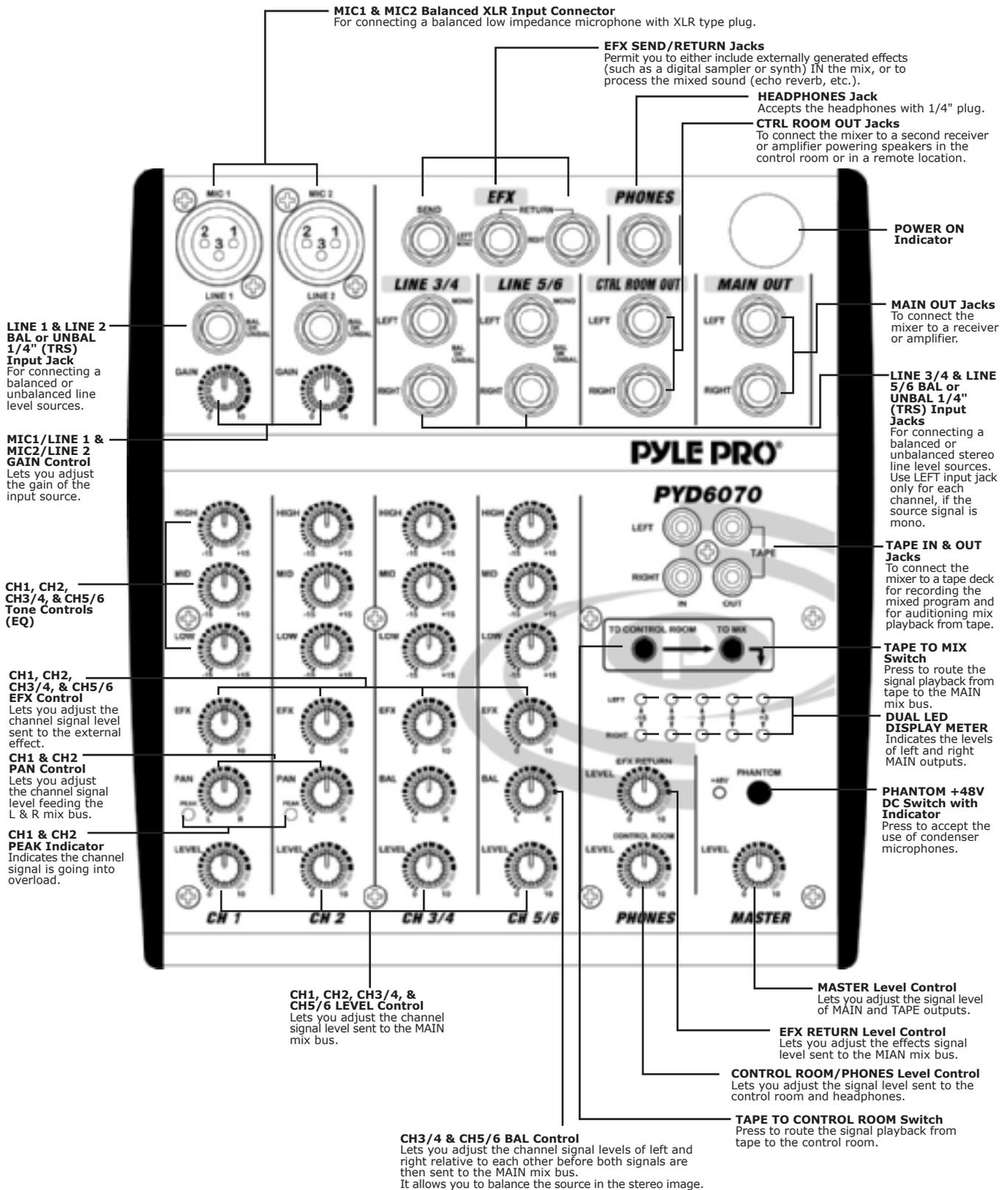
This device should be situated so that its location or position does not interfere with its proper ventilation.

Care and Maintenance

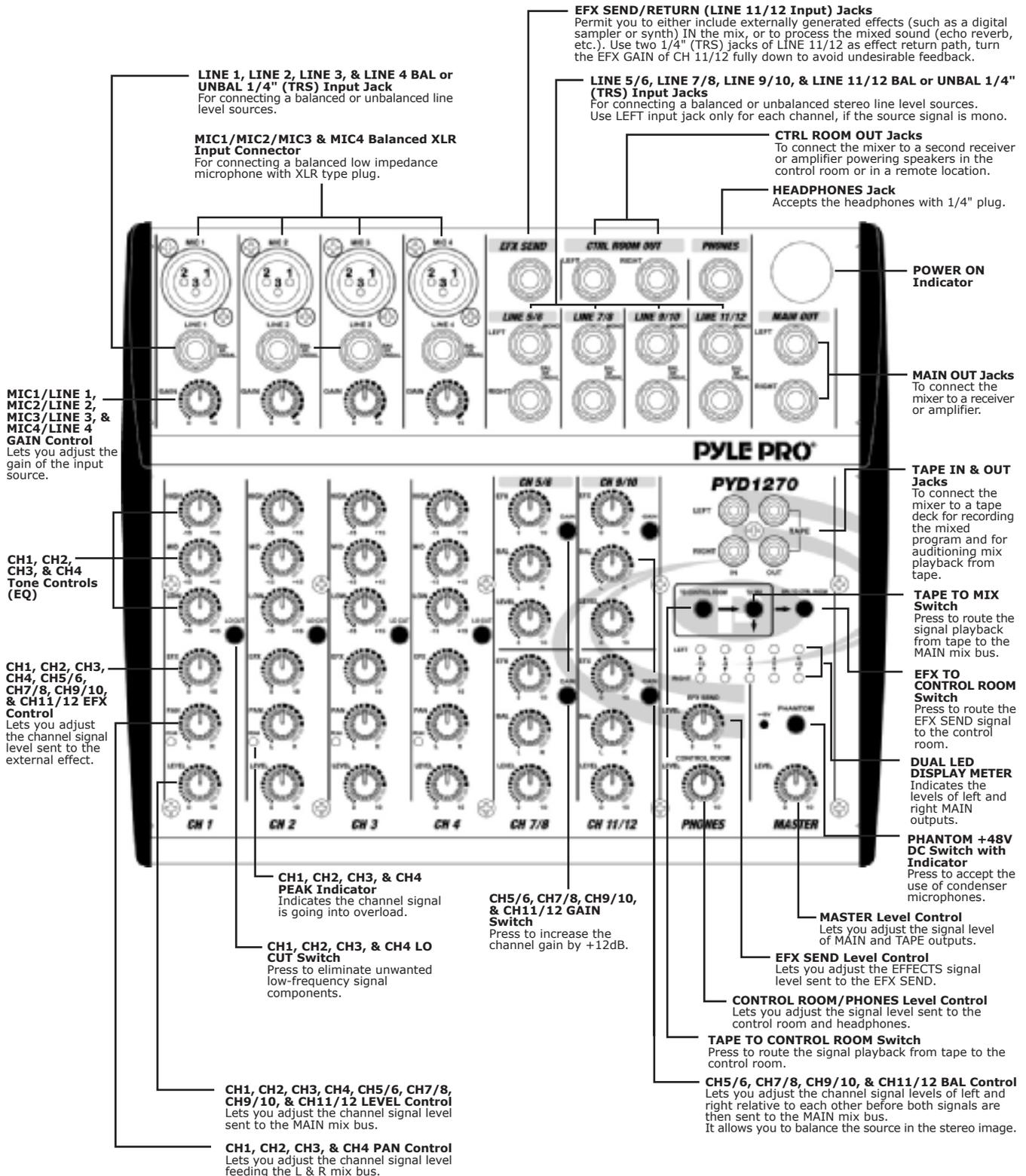
Your PYLE PRO mixer is an example of superior design and craftsmanship. The following suggestions will help you care for your mixer so you can enjoy years of use:

- Keep the mixer dry, if it gets wet, wipe immediately.
- Use the mixer only in well ventilated installations.
- Handle the mixer gently and carefully-do not drop.
- Keep the mixer away from dust and dirt.
- Wipe occasionally with a damp cloth to keep it looking new. Do not use harsh chemicals, solvents or detergents.

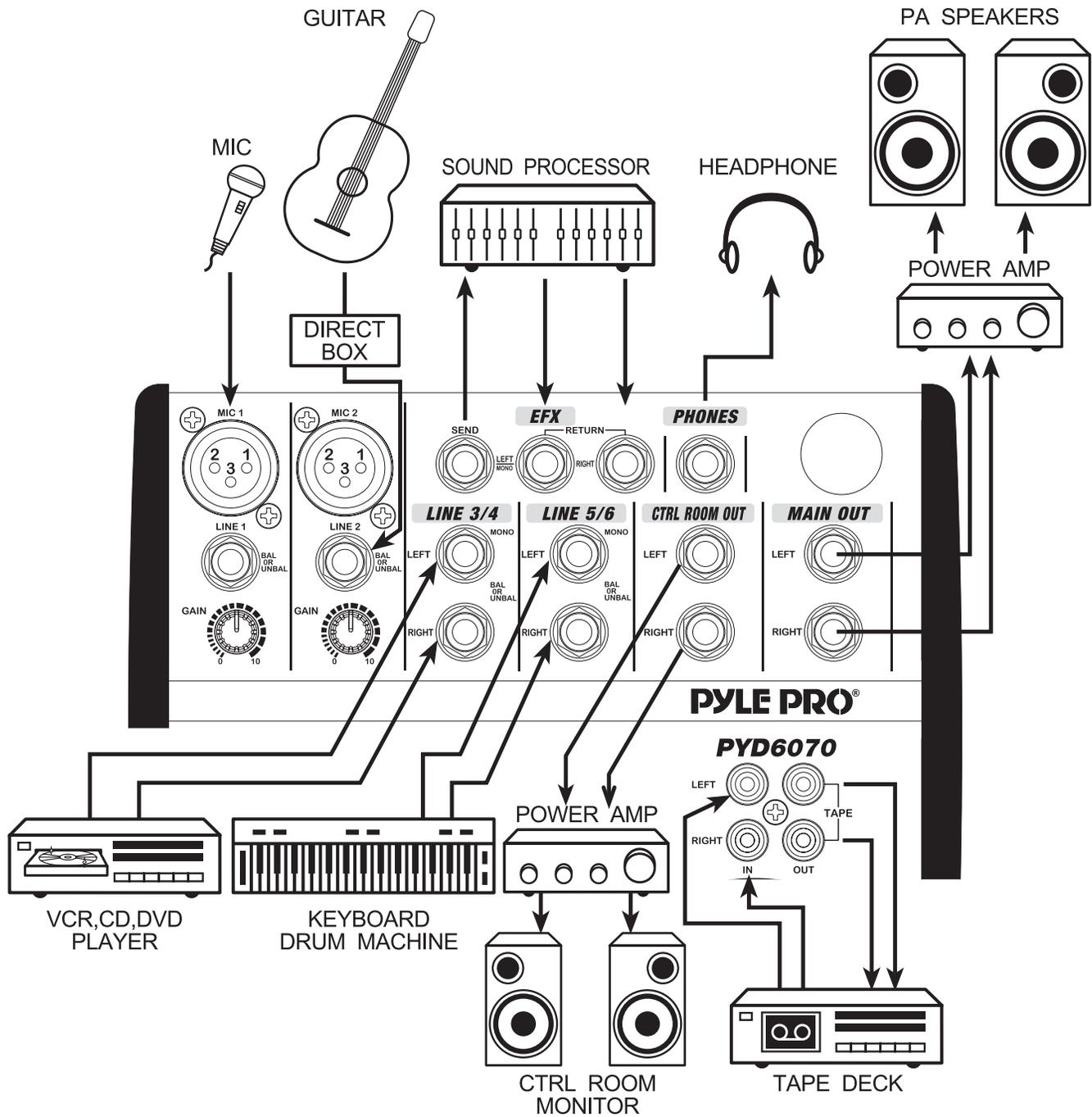
Features and Controls: PYD6070 Mixer



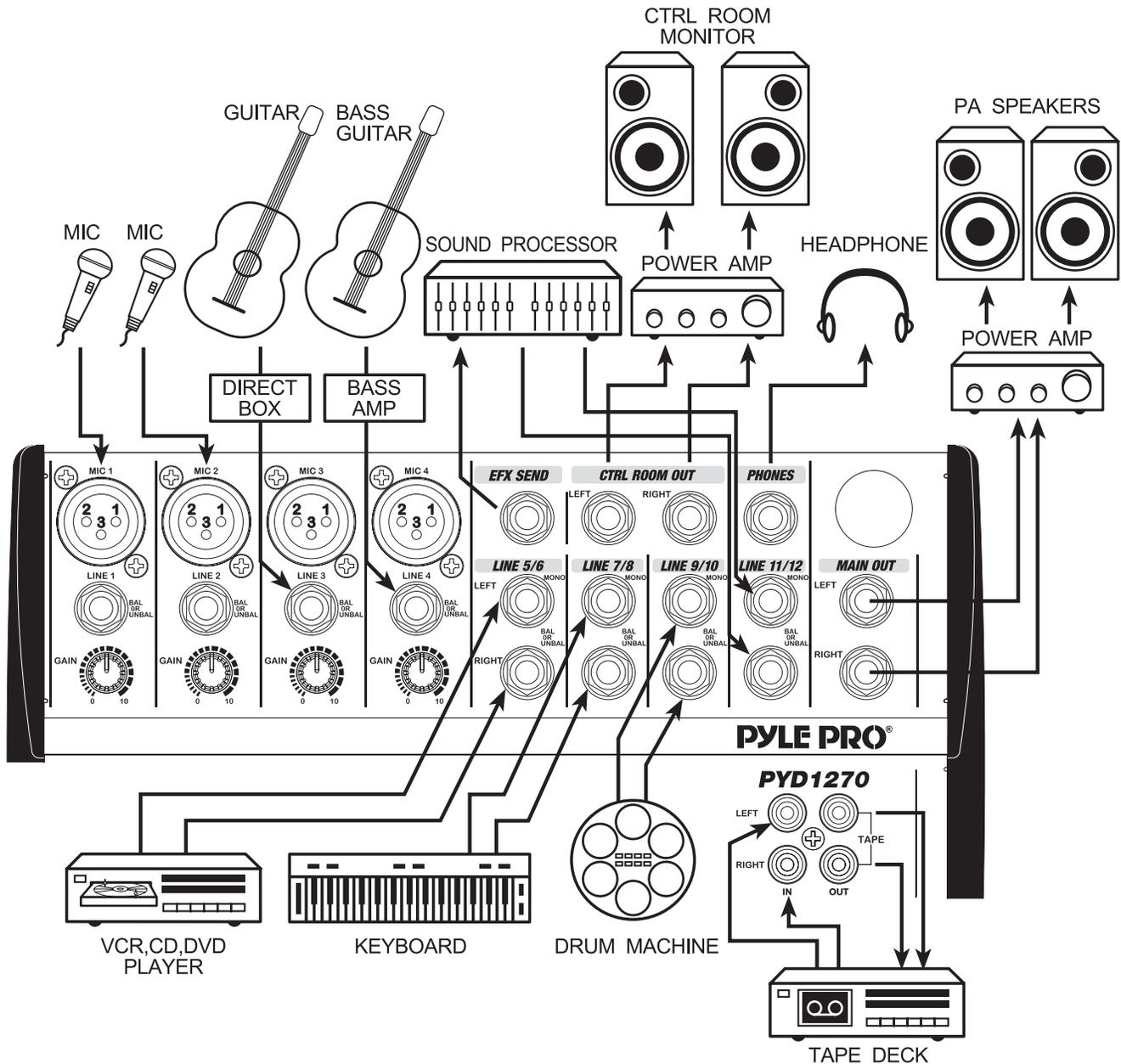
Features and Controls: PYD1270 Mixer



INSTALLATION, PYD6070 Mixers

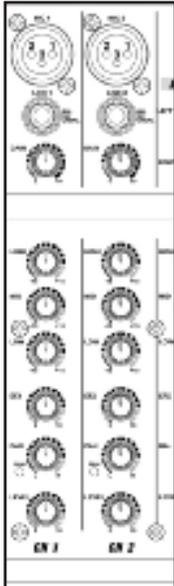


INSTALLATION, PYD1270 Mixers



Mono Input Channel Controls

CH1/CH2 For PYD6070



MIC

Each mono input channel comes with an XLR balanced microphone input connector and also offers a +48V PHANTOM switch to supply power for condenser microphones. Please mute the playback/PA loudspeakers system before switching on +48V PHANTOM power to prevent the switch-on thumps being directed to the loudspeakers. Please connect the microphones before switching on the +48V PHANTOM power supply, do not connect microphones to the mixer as long as the phantom power supply is switched on. Wait for approximately one minute to get the system stabilized.

LINE

Each mono input channel comes with a balanced 1/4" (TRS) line level input jack. The unbalanced devices can also be connected to this input.

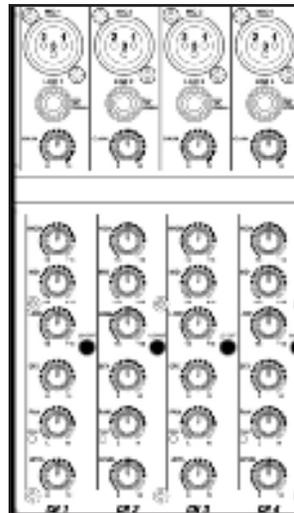
NOTE

Please use only either the MIC or LINE input of a channel at any one time, do not use both simultaneously.

GAIN

This rotary GAIN control adjusts the channel input gain level. Proper gain setting gives the mixer to work in the best operating level. Please turn it to 0 completely whenever you connect or disconnect a signal source to one of the inputs.

CH1/CH2/CH3/CH4 For PYD1270



EQ (HI/MID/LO)

ALL the mono input channels has a 3-band equalizer, all bands provide up to 15dB of cut and boost, with a centre detent for OFF. The cut-off frequencies of HI and LO band are 10 kHz and 100 Hz respectively. The MID band is configured as a peak filter with a center frequency at 1 kHz .

EFX

It enable you to feed channel signal to the external effect.

PAN

It determines the amount of the channel signal feeding the left and right mix bus, to locate the source smoothly across the stereo image. Its constant-power design ensure the signal is always maintained at a constant level.

PEAK

It illuminates to warn you the input channel signal is driven too high, which could cause distortion. Use the GAIN control to adjust until the LED does not light.

LEVEL

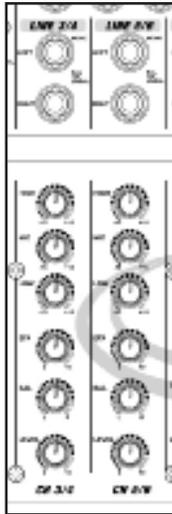
It determines the level of channel signal in the MAIN mix bus and provides a clear visual indication of channel level.

LO CUT (PYD1270)

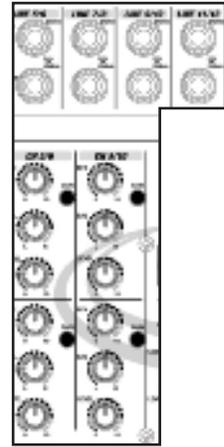
It is a steep LO CUT filter designed to eliminate unwanted low frequency hum. It is useful on live vocals to reduce stage rumble or "popping" noise from microphone.

Stereo Input Channel Controls

CH3/4 & CH5/6 For PYD6070



CH5/6, CH7/8, CH9/10
& CH11/12 For PYD1270



LINE, LEFT & RIGHT

Each stereo input channel comes with two balanced 1/4" (TRS) line level input jacks. The unbalanced devices can also be connected to this input. If only the jack marked "LEFT" is used, the channel operate in mono. The stereo channels are designed to handle typical line level signals.

EQ (PYD6070)

It is similar to those of the mono channels, except that the EQ is stereo. It is preferable of using two mono equalizer when EQ-ing a stereo signal to avoid the discrepancies occurred oftenly between left and right setting.

EFX

It is similar to those of the mono channels, except that the EFX SEND buses are both mono, a mono sum is first taken from the stereo input before it is sent to the EFX bus.

BAL

It determines the level of left and right input signals relative to each other before both signals are then routed to the MAIN stereo mix bus, allows you to balance the source in the stereo image. If a stereo channel is run in mono (only the left input connected), the balance control acts as a pan in the normal way.

LEVEL

It determines the level of channel signal in the MAIN mix bus and provides a clear visual indication of channel level.

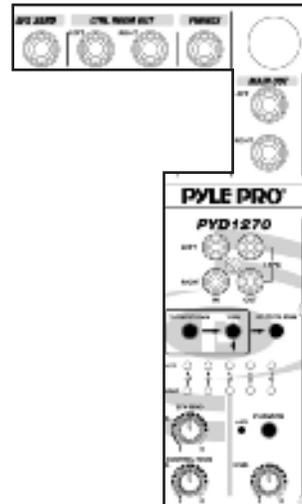
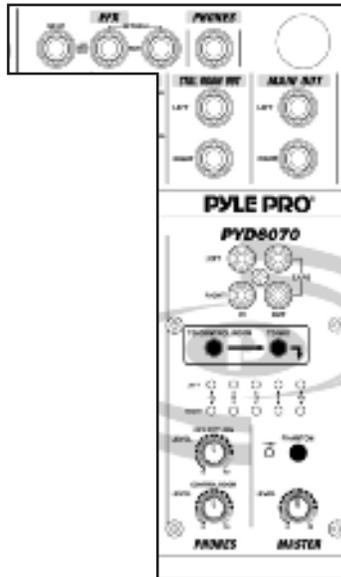
GAIN (PYD1270)

It is an input sensitivity switch which used to select between +12dB (press on) for studio level and 0dB (press off) for home-recording level.

Main Section Connections and Controls

PYD6070

PYD1270



EFX SEND Jack

It is a 1/4" unbalanced jack sends out the signals from mix bus to the external effects unit.

EFX RETURN Jacks/Control (PYD6070)

The EFX RETURN Jacks bring the output of the external effects unit back into the mixer. These jacks can be used instead as additional line level inputs, but any external effects signal will have to be brought back into the mixer via a normal stereo channel, it does allow you to use the channel EQ on the effects return signal. When a normal stereo channel is used as effects return path, the EFX control of the relevant channel should be turned fully down to avoid undesirable feedback. If only the LEFT jack is used, the EFX RETURN is operated in MONO mode. Use the EFX RETURN rotary control to adjust the effects signal level sent to the MAIN mix bus.

NOTE: PYD1270 uses two 1/4" (TRS) jacks of LINE 11/12 as EFX RETURN, turn the EFX GAIN of CH 11/12 fully down to avoid undesirable feedback when using this path.

PHONES/CTRL ROOM OUT Jacks

The stereo PHONES jack sends the mix signals to the headphones. The two unbalanced CTRL ROOM OUT jacks carry the summed effects, main mix signals, and soloed channel signals to the control room speakers.

POWER ON Indicator

The large size LED indicator illuminated when the mixer power is on.

MAIN OUT Jacks

The MAIN OUT jacks send line level signals from mixer to external devices, for examples, equalizer or power amplifier.

TAPE IN Jacks

The TAPE IN jacks are used to bring the external signal source (Tape Recorder or CD Player) into the mixer. Like the EFX RETURN jacks, they also can be used as a standard stereo line level input, in other words, the line or tape output of an power amplifier with source selection switch can also be connected here for you to listen to additional source.

TAPE OUT Jacks

The TAPE OUT jacks are used send the MAIN mix signal to your recording device. The output level is adjusted by the MASTER level control.

TAPE TO CONTROL ROOM Switch

Press this switch to monitor signals coming back from tape recorder (TAPE IN) to ensure that they are recording correctly. Do not use the TAPE TO MIX switch doing this to avoid the feedback loop.

TAPE TO MIX Switch

Press this switch to route the signals from TAPE IN to the MAIN mix.

EFX TO CONTROL ROOM Switch (PYD1270)

Press this switch to monitor the EFX SEND signal in the control room or headphone. The MAIN mix signal will be muted while routing the EFX SEND signal to the control room.

EFX SEND Control (PYD1270)

Use it to adjust the overall EFX SEND signal level.

PHANTOM Switch/LED Indicator

Press to activate +48V DC power supply on the MIC XLR connectors of all mono channels. The red LED lights when phantom power is on.

DUAL LED DISPLAY METER

A pair of 5-segment bargraph peak meters displays the MAIN mix level LEFT and RIGHT.

PHONE/CONTROL ROOM Control

Use it to adjust the level of both headphones and main monitor outputs.

MASTER control

Use it to adjust the MAIN mix signal level.

Specifications

MONO INPUT CHANNELS

Mic Input	electronically balanced
Sensitivity/Impedance	1.5 mV/600 Ohms
Frequency Response	20 Hz to 20 kHz, +/- 3dB
Distortion	0.2%, 1 kHz/1.5 mV input
S/N Ratio	60 dB (with A-WTD)

Line Input	electronically balanced
Frequency Response	20 Hz to 20 kHz, +/- 3dB
Distortion	0.03%, 1 kHz/150 mV input

Equalization	
HI shelving	10 kHz, +/- 15 dB
Mid Range	1 kHz, +/- 15 dB
Lo Shelving	100 Hz, +/- 15 dB

STEREO INPUTS CHANNELS

Line Input	balanced
Frequency Response	20 Hz to 20 kHz, +/- 3dB
Distortion	0.03%, 1 kHz/150 mV input

Equalization	
HI shelving	10 kHz, +/- 15 dB
Mid Range	1 kHz, +/- 15 dB
Lo Shelving	100 Hz, +/- 15 dB

MAIN MIX SECTION

Max Output	2V unbalanced
EFX Send Max Out.....	2V unbalanced
Control Room Out.....	2V unbalanced
Signal to Noise Ratio.....	80 dB (with A-WTD)

POWER SOURCE.....AC 15V

DIMENSIONS (W x H x D mm):PYD6070 213x40x226
.....PYD1270 270x40x226

▼ Please complete warranty card, detach and return ▼

Place
Stamp
Here



Limited Warranty

All PYLE PRO products are carefully constructed and tested before shipment. Units purchased in the USA are warranted to be free of defects in material and workmanship for two (2) years from the date of purchase. This warranty is limited to the original retail purchaser of the mixer.

Should the unit fail due to factory defects in material or workmanship, your unit will be repaired or replaced at the sole discretion of PYLE.

To obtain warranty service, you must first call our Consumer Return Hotline at (718) 236-6948 to obtain a Return Authorization Number. This R.A. # must appear on the outside of your package and on all paperwork relating to your return.

When returning the unit to us for warranty service, it must be carefully packed and shipped, prepaid, to:

R.A.#: _____
PYLE PRO Service Center
1600 63rd Street
Brooklyn, NY 11204

You must also include the following items with your return:

- A copy of your sales receipt or other proof of purchase
- A brief letter, indicating the problem you are experiencing with the product
- Include in your letter your return address, daytime phone number and R.A. number
- Also include a check or money order for \$20.00 for return shipping, handling and insurance, or provide your Visa/MC number with expiration date.

Our obligation under this warranty is limited to the repair or replacement of the defective unit when it is returned to us prepaid. This warranty will be considered void if the unit was tampered with, improperly serviced or subject to misuse, neglect or accidental damage.

▼ Please complete warranty card, detach and return ▼

Thank you for purchasing this PYLE product. To activate your warranty, please mail this card within 10 days.

warranty registration card



PYLE PRO MIXERS

Name _____

Address _____

City, State ZIP _____

Model No. _____ Serial # (if available) _____

Date of Purchase _____

Purchased at:

- Music Products Store Sound Contractor/Installer Mail Order
 Catalog Merchandiser Other _____

www.pyleaudio.com

**12 – Pyle Pro Mixer PYD6070/1270
Owner's Manual**