INTRODUCTION

Thank you for your purchase of the PM57 Headphone Tap. The PM57 is for connecting headphones to a speaker line. The 1/4" Mono/stereo loop jacks are for cascading more boxes in series. There are two headphone jacks and volume control. The Headphone Tap uses the speaker line signal for power, therefore requires no batteries or external power.

ALWAYS SET THE ATTENUATION SWITCH TO THE PROPER SETTING FOR YOUR INTENDED USE BEFORE CONNECTING ANYTHING TO THE PM57 (INPUTS, OUTPUTS AND LOOPS). THIS IS VERY IMPORTANT FOR YOUR SAFETY, THE SAFETY OF THE PM57, AND ALL OTHER EQUIPMENT YOU WILL BE USING WITH THE PM57!!!!!!!!!

WARNING

USING THIS SYSTEM AT EXCESSIVE VOLUMES CAN CAUSE PERMANENT HEARING DAMAGE.
USE AS LOW A VOLUME AS POSSIBLE

In order to use this system safely, avoid prolonged listening at excessive sound pressure levels. Please use the following guidelines established by the Occupational Safety Health Administration (OSHA) on maximum time exposure to sound pressure levels before hearing damage occurs.

90 dB SPL at 8 hours
95 dB SPL at 4 hours
100 dB SPL at 2 hours
105 dB SPL at 1 hour
110 dB SPL at 1/2 hour
115 dB SPL at 15 minutes
120 dB SPL - *avoid or damage may occur*

It is difficult to measure the exact Sound Pressure Levels (SPL) present at the eardrum in live applications. In addition to the volume setting on this Personal Monitor unit, the SPL in the ear is affected by ambient sound from floor wedges or other devices. The isolation provided by the fit of quality earphones is also an important factor in determining the SPL in the ear.

Follow these guidelines in the use of this product to protect your ears from damage:
1. Turn up the volume only to the point where hearing is comfortable.
2. Ringing in the ears may indicate that the levels are too high. Lower the volume level.
3. Have your ears checked by an audiologist on a regular basis.
4. ALWAYS START WITH THE VOLUME AT 0 OR OFF THEN GRADUALLY TURN IT UP TO A COMFORTABLE LEVEL!
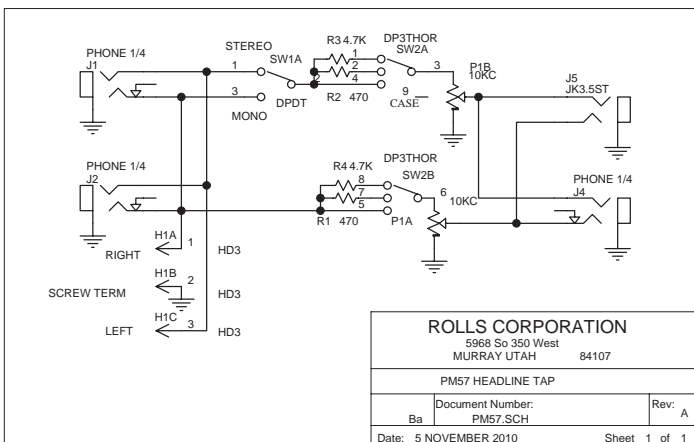
WARRANTY

To register this product, visit our website at **www.rolls.com**

SPECIFICATIONS

Input Impedance:	150 Ω
Size:	2.75" x 3" x 1.25"
Weight:	.5 lbs

SCHEMATIC

ROLLS CORPORATION
5968 So 350 West
MURRAY UTAH   84107

PM57 HEADLINE TAP

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Rolls Corporation
Salt Lake City, UT
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ROLLS
PM57
HEADPHONE TAP

WIRED INPUT
POWER AMP LOOP
VOLUME
STEREO
MONO

ATTENUATION SETTING
-!!!DIRECT!!!NO AMP!!!!!!
-AMP <50 WATTS
-AMP >50 WATTS

ROLLS
MADE IN USA
HEADPHONE TAP
PM57

HEADPHONE OUTPUTS

PM57
Headphone Tap

- Converts speaker level signals to headphone level
- Eliminates heavy wedge monitors
- Passive - no power required

The PM57 is the ideal device for anyone wanting to use headphones, rather than a wedge or speaker monitor. Drummers, instrumentalists, and sound professionals alike will benefit from the PM57.

DESCRIPTION

ALWAYS SET THE ATTENUATION SWITCH TO THE PROPER SETTING FOR YOUR INTENDED USE BEFORE CONNECTING ANYTHING TO THE PM57 (INPUTS, OUTPUTS AND LOOPS). THIS IS VERY IMPORTANT FOR YOUR SAFETY, THE SAFETY OF THE PM57 AND ALL OTHER EQUIPMENT YOU WILL BE USING WITH THE PM57!!!!!!!!!!

ATTENUATION SWITCH: This is a three way switch for selecting the level of attenuation to the headphones. Follow the silk screening on the unit for proper settings.

AMP >50 WATTS: For amps above 50 watts in size
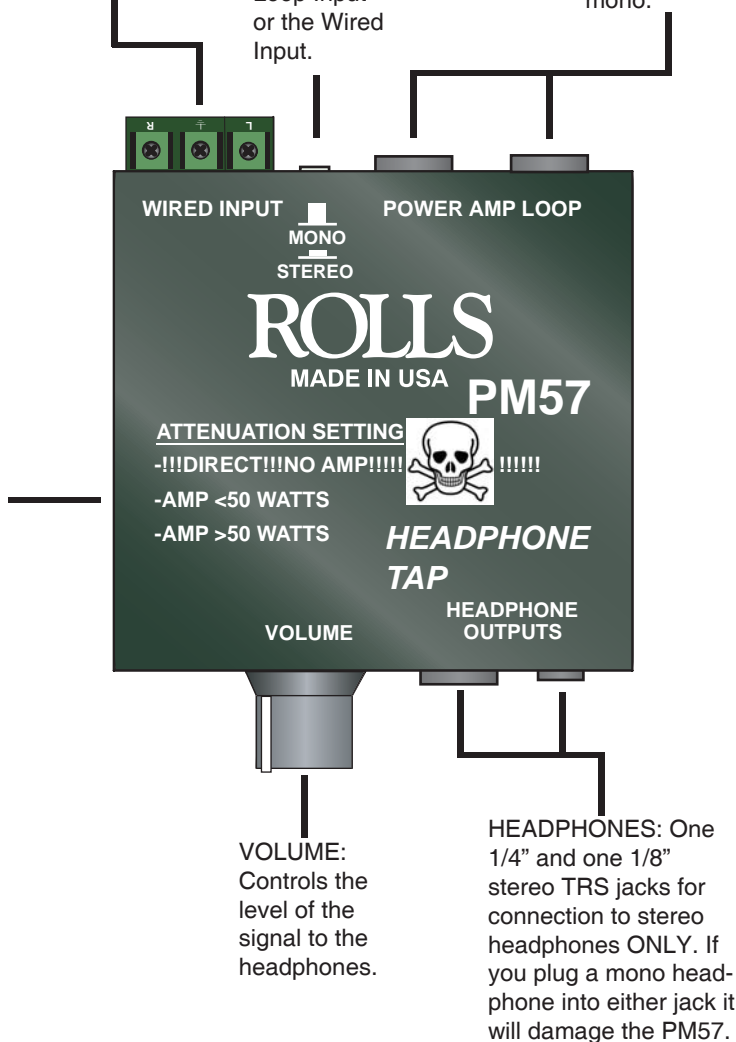
AMP <50 WATTS: For amps 50 watts and lower.

DIRECT: This is NOT FOR AN AMPLIFIER INPUT (ANYTHING WITH WATTAGE)! This is only used for ATTENUATING THE LEVEL OF HEADPHONE LEVEL INPUTS plugged into the loop section. When selected you can use the PM57 as a headphone volume attenuator. Just plug your headphone signal into the POWER AMP LOOP section of the PM57. Then plug headphones into the headphone output section of the PM57 and use the volume to control the level.

IF YOU USE THE DIRECT SETTING FOR AN AMPLIFIER INPUT OF ANY SIZE, OR A SETTING THAT IS NOT RECOMMENDED FOR THE LEVEL OF POWER YOU ARE PUTTING INTO THE PM57 YOU WILL BLOW OUT THE PM57'S VOLUME POT. IF THIS OCCURS YOU WILL HAVE TO SEND THE UNIT BACK TO THE FACTORY FOR REPLACEMENT OF THE VOLUME POT. THIS IS NOT COVERED UNDER ANY WARRANTY, AND YOU WILL BE RESPONSIBLE FOR THE COST OF REPAIR. THE ONLY WAY TO DAMAGE THE VOLUME POT IS TO IMPROPERLY USE THE PM57 WITH TO MUCH WATTAGE PLUGGED IN TO THE PM57 OR THE ATTENUATION BEING ON THE WRONG SETTING. THIS CAN ALSO CAUSE PERMANENT DAMAGE TO YOUR HEADPHONES, AND YOUR EARS. PLEASE BE CAREFUL!!!!!!!!!!!!!!!!!!!!!

WIRED INPUT: This is the same input as the POWER AMP LOOP input, it just has screw terminal connections. Use left for mono.

MONO/STEREO Switch: Selects between a Mono or Stereo input. For the Power Amp Loop Input or the Wired Input.

POWER AMP LOOP: Two paralleled 1/4" stereo TRS jacks, one for receiving the input signal, and the other for connecting to a speaker or other input device. TRS for stereo. TS for MONO. When using the LOOP if the input is stereo the output must be stereo only. If using LOOP for mono both must be mono.

WIRED INPUT   POWER AMP LOOP
MONO
STEREO

ROLLS
MADE IN USA   **PM57**

ATTENUATION SETTING
-!!!DIRECT!!!NO AMP!!!!! !!!!!!
-AMP <50 WATTS
-AMP >50 WATTS

HEADPHONE TAP

HEADPHONE OUTPUTS

VOLUME

VOLUME: Controls the level of the signal to the headphones.

HEADPHONES: One 1/4" and one 1/8" stereo TRS jacks for connection to stereo headphones ONLY. If you plug a mono headphone into either jack it will damage the PM57.