

## INTRODUCTION:

Thank you for your purchase of the PM55P Stereo Personal Monitor Amplifier with Limiter. This unit is a unique device for monitoring ones self and program material at the same time. It has a monitor level control and a mic level control, a mic pass-through XLR jack, headphone output jacks, and a switchable stereo/mono 1/4" monitor input jack.

The PM55P is designed for performers who need to monitor their own signal, such as their vocals, with the main mix. It is very popular with drummers who need to mix a click track with a monitor signal. Church choir singers use the PM55P to monitor their voices over the musicians. And many sound technicians use the PM55P as a quick line tester to troubleshoot audio systems.

The PM55P features all these benefits in a convenient battery-powered package.

... Anywhere you need versatile, clear and loud personal monitoring.

# ROLLS

- Broadcast  
- Live  
- Studio

## PM55P Personal Monitor

### PM55P With limiter

# ROLLS

## PM55P Personal Monitor Amp./Limiter

The PM55P is an essential monitoring tool for studio or live applications. It allows you to mix a mic signal and a monitor signal and hear them via headphones.

- Built in switchable Optical Limiter
- XLR Mic In & XLR Pass Through
- Stereo/Mono 1/4" Monitor Input
- 3.5mm and 1/4" Headphone outputs
- 9V Battery or Included AC adapter operation
- Lots of output level, it's loud.

### SPECIFICATIONS

Max Input Level:	-20 dB XLR, 40 dB monitor
Input Impedance:	600 Ohm Mic, 22k Ohm Monitor
Output Impedance:	10 Ohms
Gain:	20 dB 1/4", 50 dB XLR
Bandwidth:	50 - 20 kHz
S/N Ratio:	90 dB
Limit Threshold:	0 dB
Current Draw:	70 Mils Nominal
Max Output Level:	100 Mil Watts @ 16 Ohm.
Power:	9 - 15 VDC
Size:	4.5" x 4" x 1.375"
Weight:	1 lb (.45 Kg)

### WARRANTY

For information on the Rolls One Year Limited Warranty, and to register this product, visit our website at [www.rolls.com](http://www.rolls.com)

PM55P MONITOR

# ROLLS

Rolls Corporation  
Salt Lake City, UT  
03/14



## DESCRIPTION/OPERATION:

**MIC THRU:** XLR jack paralleled (hard-wired) to the MIC INPUT jack for pass-through to a mixer or other input device. **The MIC THRU of the PM55P will pass PHANTOM POWER with no voltage or signal loss.**

**lift/gnd:** Switch for connecting or disconnecting the XLR ground (pin 1) to chassis ground. The GND LIFT is only for the Mic Thru XLR jack it does not lift other input or output grounds.

**MIC INPUT:** XLR balanced jack for connection to a condenser or dynamic microphone. **The PM55P does not provide PHANTOM POWER. If your mic requires phantom power it must be provided by a separate unit.**

**MIC INPUT LEVEL-SWITCH:** This push button switch will activate the "Mic Input level" between Mic level or Line Level. Follow the silk screening of the PM55P for orientation. **Having the switch in the wrong position will make the unit seem noisy, or that the volume is very low or very loud.**

**MONITOR INPUT:** 1/4" TRS stereo (or MONO see below) jack for connection to a **line level source** such as a mixer monitor/auxiliary output, cassette player output, CD player output etc.

**MONITOR STEREO MONO SWITCH:** The Monitor Input can be switched to Stereo (TRS- Left, Right and Ground) or Mono (TS- Tip, Sleeve) **make sure you have this configured properly before turning on or connecting anything to the PM55P, or damage will occur to the PM55P or Units you have connected to it.**

**POWER:** This button turns the PM55P on and off.

**BATTERY:** Compartment for a single 9 Volt (alkaline preferred) battery. NOTE: The battery does not need to be removed when using the provided PS27s adapter. **Expected battery life is between 10 to 30 hours (Depending on demand usage)**

**9 - 15 VDC:** For connection to the **provided Rolls PS27s AC power adapter.**

**HEADPHONE OUTPUTS:** One 1/4" Stereo (TRS-Left, Right and Ground) stereo headphone output, one 1/8" Stereo (TRS-Left, Right and Ground) output. **Both jacks can be used at the same time.**

**pwr:** Indicates the PM55P is on, or that the battery is low when dim or not on at all when unit is turned on.

**MIC LEVEL:** Adjusts the level of signal coming from the MIC INPUT.

**MONITOR LEVEL:** Adjusts the level of the incoming signal from the Monitor Input.

**LIMITER:** The Limiter function is active when the LIMITER SWITCH is on. When in the OFF position the Limiter function is completely bypassed.

The PM55P also ships from the factory with a belt clip installed on the bottom of the unit. If you need to use the PM55P with out the attached belt clip simply remove the two #1 Phillips head screws to remove the clip.

