

The PM55P is a unique device for monitoring one's 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. Many sound technicians also use the PM55P as a quick line tester to troubleshoot audio systems.

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

# ROLLS

## PM55P

### Personal Monitor with Limiter

- Studio
  - Live
  - Broadcast
- ... Anywhere you need versatile, clear and loud personal monitoring.

#### What's in the box?

- 1 - Made in USA PM55P
- 1 - 15V power supply PN PS27s
- 1 - This owners manual

#### 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)

# ROLLS

**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 LIFT/GND 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.**

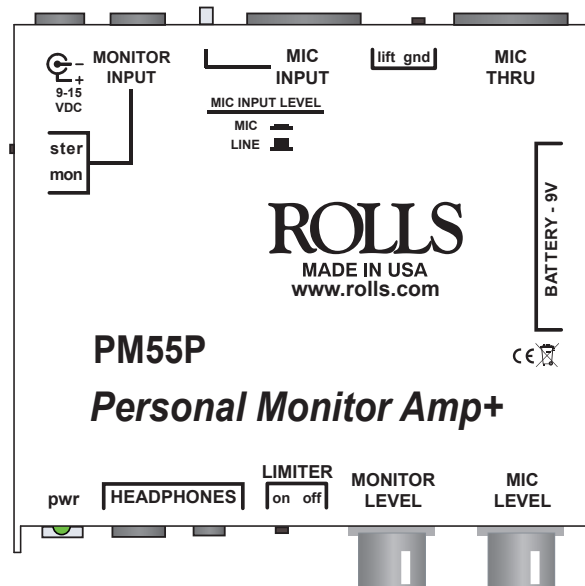
**MIC INPUT LEVEL-SWITCH:** This push button switch will activate the "Mic Input level" between Mic level or Line Level. Follow the silk screening of the PM55P for orientation. **Having the switch in the wrong position will make the unit seem noisy, or that the volume is very low or very loud.**

**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, phone output, CD player output etc.

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

**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.**



**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).**

**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.