

**A rugged, lightweight, high-quality digital recorder that doesn't skimp on features or performance.**

**Use the built-in stereo mics to record concerts, marching bands and spontaneous moments when the action won't wait for equipment setup.**



**Add a clip-on mic from Superscope to isolate an instrument or to record student evaluations.**



# **SUPERSCOPE®**

**Marantz Pro  
PMD620  
Handheld Field Recorder**

## Record on the Go



- Extremely Easy to Use
- One-touch Record & Playback
- Record Lectures and Clinics
- Record Personal Practice
- Record Student Evaluations
- Record Auditions

## Professional Digital Recording

### Recording

- ◆ Record Direct to MP3 or WAV formats
- ◆ Uses SD (Secure Digital) or SDHC (Secure Digital High Capacity) Memory Cards
- ◆ PC Accessible via USB 2.0
- ◆ Built-in Condenser Mics
- ◆ Inputs for 1/8" Stereo or Mono Mics
- ◆ High-Contrast OLED (Organic LED) Display for Easy Visibility
- ◆ Time/Date Stamp
- ◆ Manual Track / Auto Track Increment
- ◆ Silent Skip
- ◆ Six MP3 bit rates
- ◆ Up to 24-bit linear PCM recording at either 44.1 or 48 kHz sample rates

### Music Practice

- ◆ Add a clip-on instrument mic from Superscope to isolate instruments or to record student evaluations
- ◆ Record music lessons or practices to MP3
- ◆ Share WAV or MP3 files.
- ◆ Up to five hours of operation for long-term recordings
- ◆ Instant Auto Replay with Skip Back Feature
- ◆ Easily upload files to your PC
- ◆ LED tracks peak and level conditions
- ◆ Compact, ergonomic design
- ◆ Onboard Cut and Paste Editing with Copy Segment Feature
- ◆ Built-in Phantom Power

# **SUPERSCOPE®**

www.SuperscopeTechnologies.com

U.S. Toll Free: 800-374-4118

# Specifications

# PMD620

## Digital Audio System

System.....	Solid State Recorder
Usable Media.....	SD/SDHC Cards
Recording Format	
MP3.....	MPEG1 Layer III Compression
WAV.....	6/24 Bit Linear PCM
Recording MP3 Bit-rate	
Stereo.....	192/128/64 kbps
Mono.....	96/64/32 kbps
Sample Rate .....	44.1/48 kHz
Number of Channels.....	2 (Stereo) / 1 (Mono)

## Audio Performance

Frequency Response.....	20 Hz ~ 20 kHz ( $\pm 1$ dB)
Signal-to-noise Ratio, IEC-A Weighted	
MIC.....	68 dB
LINE.....	80 dB
Total Harmonic Distortion at 0 VU	
MIC.....	0.06%
LINE.....	0.02%
Dynamic Range.....	81 dB

## Inputs

External MIC	
Type.....	1/8" stereo jack
Input Sensitivity.....	6 mVrms/30 kohms
LINE	
Type.....	1/8" stereo jack
Input Sensitivity.....	500 mVrms/20 kohms

## Outputs

LINE	
Type.....	1/8" stereo jack
Standard Level.....	1.0 Vrms/10 kohms
Headphone	
Type.....	1/8" stereo jack
Standard Level .....	16 mW/16 ohms
Speaker	
Standard Level.....	150 mW/8 ohms

## General

Power Consumption	
Recording/Playback.....	1.5 W (DC)
Battery Life (Alkaline).....	5 hours (Typical)
Phantom Power.....	5V, 1mA (Max.)

## Environmental Conditions

Operational Temperature.....	0 ~ 40°C (32 ~ 104°F)
Operational Humidity.....	25 ~ 85% (No condensation)
Storage Temperature.....	-20 ~ 60°C (-4 ~ 140°F)

Specifications are based on measurement conditions and proper care for the machine, and are subject to change without notice.

## Features

- High visibility organic LED Display.
- High Quality 24/16 Bit PCM MP3 Recording.
- High Quality Built-in stereo condenser microphones.
- Monitor speaker.
- Five hour battery life.
- User-friendly layout and convenient buttons for easy one-hand operation.



## Dimensions

Width .....	2.5" (62 mm)
Height .....	4" (102 mm)
Depth .....	1" (25 mm)
Weight (Excluding Batteries) .....	4 oz (110 g)

## Included Accessories

- SD Card
- USB Cable
- AC Adapter
- Audio Cable
- User Guide
- CD-ROM
- Handy Strap
- Customer Registration Document (U.S. Only)
- Tripod/Belt Clip Adapter

## Optional Accessories

Available from Superscope

- Carrying Case
- SD Cards
- Flute Microphone Kit
- Woodwind/Brass Microphone Kit
- Powered External Speakers



All the above accessories are available online at Superscope's Web store.