

## Professional MP3/CD Player and Cassette Recorder

# PMD351



The PMD351 is designed to improve the capability of the traditional cassette recorder/CD player combination unit, which has served as the staple rackmount installation product of its kind. This combination model merges affordability with the benefits and flexibility of RS-232 control to provide a combined solution that meets the recording and playback needs in a wide variety of applications.



Features RS-232

### Key Features

- Record to cassette
- Play back CD, CD-R, CD-RW, unfinalized discs
- MP3 compatible
- Completely independent operation of playback and record sections
- Rackmount installation
- Optional XLR kit for inputs and outputs
- RS-232 control of functions
- Separate inputs and outputs
- Built-in IR receiver
- RC5 compatible

### Upgraded compatibility

With a CD player designed to play back CD, CD-R, CD-RW, unfinalized discs, and MP3 files, the PMD351 is an upgraded version of the dependable model PMD350.

### Independent operation

The CD player and cassette recorder sections are designed with completely independent operation. This allows users to play a background CD on one side of the unit, for example, while recording the entire worship service simultaneously on the other side. Both even feature separate inputs and outputs.

### Flexible control

Boasting RS-232 control, the PMD351 integrated combo-deck can be controlled remotely. The RS-232 port allows flexible control of functions such as basic transport control or adjusting the pitch on MP3 playback.

### Applications

**Houses of worship**

**Schools**

**Health clubs**

**Boardrooms**

**Public venues**

# PMD351

## Specifications

### General

Power Supply 120 VAC/50 Hz

### Dimensions

Width 483 mm  
Height 133 mm  
Depth 280 mm  
Weight 6.8 kg

### Tape Deck

Track System 4 track, 2 channel  
Record/Erase System AC 105 kHz bias

### Head System (Rotary Type Combination)

Rec/Play Hard metal alloy  
Erase Dual gap ferrite

### Motor System

Capstan DC servo control  
Reel DC  
Wow and Flutter 0.14% W-RMS

### Audio Characteristics

Frequency Response (no Dolby NR)

Type I (Normal Position) 30 Hz-15k Hz+/-3 dB  
Type II (High Position) 30 Hz-16k Hz+/-3 dB  
Type III (Metal Position) 30 Hz-16k Hz+/-3 dB

### Overall S/N (no Dolby NR, IEC-A WTD)

Type I (Normal Position) 53 dB  
Type II (High Position) 53 dB  
Type IV (Metal Position) 53 dB

Dolby NR Effect (B/C S/N Improvement, CCI-ARM WTD)

9 dB/18 dB  
Output Level 1 V RMS

### Input

Tape In 100 mV/47k ohms  
Mic In 0.5 mC/10k ohms

### CD Player

Channels 2 channels  
Sampling Frequency 44.1 kHz  
Quantization 16-bit linear/channel  
Error Correction Cross-interleave read solomon code (CIRC)

D/A Conversion 1-bit linear/channel  
Wow and Flutter Precision of quartz

### Optical Readout System

Laser CaAlAs semiconductor  
Wavelength 780 nm

### Audio Characteristics

Frequency Response 20 Hz-20 kHz+/-0.3 dB  
Dynamic Range 90 dB  
S/N Ratio 96 dB  
Channel Separation 90 dB  
Distortion (THD 1kHz) 0.005%

### Analog Output

Output Level 2V RMS  
Output Impedance < 1k ohm

### Digital Output

Coaxial Output (75 ohms Loaded) 0.5 Vp-p

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



MP3



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1 2 3 4 5 6 7 8 9  
min | max  
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