



*high-yielding products*

## PRERECORDING

### RAYMATIC Prerecording Device PD-108

#### 1. Information on RAYMATIC Prerecording Device –

RAYMATIC DVDP PRE-108 (based on Pioneer DVR-112D)

- Acceptable media – blank DVD-R 4.7GB for general (650nm)
- Inside cooling system
- According DVD Forum Specification

#### 2. Prerecording software

- Flexible prerecording function (support of 16x prerecording format)
- Write power display after writing
- Drive information, OPC and disc statistics, result display  
Phase and error message display to easy maintenance
- Full, quick and without verify setting  
Full Verify – verify all ECC blocks of prerecording area  
Quick Verify – first and last ECC block verify of prerecording area
- Writing speed select – 1x, 2x and 4x

#### 3. Order information

Order number: # 110 204



Trepetlika Str. 7  
1407 Sofia  
**Bulgaria**

Phone: +359 2 86 86 203  
Fax: +359 2 962 58 19  
info@raymatic.com  
[www.raymatic.com](http://www.raymatic.com)

*Raymatic Digital Solutions Inc.*

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#### 4. Technical Specifications

Mounting positions	Horizontal and vertical operating position	
Disk sizes	120 mm /80 mm discs 80 mm discs can be used in horizontal position of device, only.	
Environmental specifications		
Temperature	Operation:	+5 °C to +45 °C
	Storage:	-20 °C to +60 °C
Humidity	Operation:	5 % to 85 % (no condensation)
	Storage:	5 % to 90 % (no condensation)
Clean room requirements	Operation:	MI 4.5 / Class 1,000
	Storage:	MI 4.5 / Class 1,000
Cycle times	1x – 35 sec per disc 2x – 30 sec per disc 4x – 30 sec per disc	
Approximately productivity	90 discs per hour (10 sec for handling)	
Prerecording Software Options	DVD-R 1x, DVD-R 2x, DVD-R 4x, DVD-R 8x, DVD-R 12x and DVD-R 16x	
Power supply	Power supply	Input: DC +12 V Current: 0.6 A
	Power supply	Input: DC +5 V Current: 1.1 A
Data transfer rate	Data Read DVD	Maximum: 16.62 MBytes / sec
	Data Write DVD	
Access time	DVD-ROM	140 ms
Seek time	DVD-ROM	120 ms
Interface specification	IDE (ATAPI): ATA /ATAPI-5 PIO Mode 4 Ultra DMA Mode 2	
Buffer size	2 MBytes	
Weight	1.1 kg	
Dimensions (Width x Height x Length)	148 mm x 42.3 mm x 198 mm	