

# Specifications

参考:

CD-ROM/CD-R	48倍速 最大	7,200 KB/秒
CD-RW	32倍速 最大	4,800 KB/秒
DVDシングル	16倍速 最大	21,600 KB/秒
DVDデュアル	8倍速 最大	10,800 KB/秒



SAMSUNG continually strives to improve its products. Both the design specifications and these user instructions are thus subject to change without notice.

## Technical Specifications

ITEM	
Model Name	SH-D162C(TS-H352C)
ITEM	DVD   CD
Disc	
Disc types supported in read mode	CD-DA(Audio), CD-ROM, CD-R, CD-RW, Photo-CD(Single, Multi-session), Video CD ready, Enhanced CD, CD-I/FMV, CD-TEXT, CD-Plus, DVD-ROM, DVD-VIDEO, DVD+R, DVD-R, DVD+RW, DVD-RW, DVD-RAM
Disc diameter	120mm or 80mm
DRIVE PERFORMANCE	
Data transfer rate	
Sustained :	Max. 21,600KB/sec(16X)   Max. 7,200KB/sec (48X)
PIO mode 4 :	16.6MB/sec
Multiword DMA mode 2 :	16.6MB/sec
UDMA mode 2 :	33MB/sec
ACCESS TIME (typical)	100ms
Data Buffer capacity	512KB
Laser	Semiconductor laser
Slide mechanism	Stepping motor, Sensorless
Spindle motor	Brushless motor
Load mechanism	Tray. DC motor (Soft Eject). Horizontal/Vertical.
ERROR RATE	
ERROR RATE	$10^{-15}$   Mode 1: $10^{-12}$ , Mode 2: $10^{-9}$
FRONT PANEL	
Eject button	Auto eject or Auto inject
Indicator(LED)	BUSY
REAR PANEL	
Required power	1.5A (rms)
Interface connector	ATAPI
Audio output	Line out 0.7V $\pm$ 20%(rms) : 47Kohm
Jumper block	Molex 70203 or other compatible models
OPERATING ENVIRONMENT	
Operations	Temperature: 5~45°C Humidity: 10~80%
Storage	Temperature: -25~60°C Humidity: 10~90%
GENERAL	
Dimensions	148.2 (W) x 42 (H) x 184 (D) mm (including bezel)
Net weight	750 g
RELIABILITY	
MTBF	125,000 POH(Duty 20%)

# Introduction

## Rear



1. Two-pin digital audio output terminal for use with a sound or MPEG card supporting digital audio features.
2. Four-pin sound output terminal for use with a sound card. (refer to the sound card documentation for further details)
3. Master/slave select terminal.
4. 40pin host IDE interface connector.
5. 4pin power terminal.  
(A : +5V DC)  
(B : +12V DC)