



Asus DVD-E616P2 User Manual

Dvd-rom drive

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DVD-E616P2

DVD-ROM Drive

User Guide

First Edition V1

May 2004



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[Page 2: Asus Contact Information](#)

Tel. General +1-502-995-0883 +1-502-608-4555 Notebook +1-501-739-3777 E-mail tmd1@asus.com Support fax +1-502-933-8713 Web site usa.asus.com Support e-mail tsd@asus.com ASUS COMPUTER GmbH (Germany and Austria) Address Harkort Str. 25, D-40880 Technical Support Ratingen, Germany Telephone +49-2102-95990 Telephone +49-2102-95990 +49-2102-959910 +49-2102-959911 Online support www.asuscom.de/support Online contact www.asuscom.de/sales...

[Page 3](#) Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification or alteration is authorized in writing by

ASUS; or (2) the serial number of the product is defaced or missing.

[Page 4: Table Of Contents](#)

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this guide10 Package contents11 Welcome12 Product
introduction12 Specifications

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Cleaning a disc 29 Handling a disc 29 Technical information30
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region codes32 ASUS DVD-E616P2...

[Page 6: Notices](#)

ASUS DVD-E616P2...

[Page 7](#) This digital apparatus does not exceed the Class B limits for radio noise emissions
from digital apparatus set out in the Radio Interference Regulations of the Canadian
Department of Communications. This class B digital apparatus complies with Canadian
ICES-003. ASUS DVD-E616P2...

[Page 8: Safety Information](#)

Do not use or place Do not attempt to this device near disassemble or magnetic fields, repair
the drive. televisions, or radios Opening the drive to avoid electronic may result to interference
that exposure to laser affects drive radiation. performance. ASUS DVD-E616P2...

[Page 9: Using The Device](#)

Do not place damaged or warped discs inside the device. A warped disc may break while in use
and damage the device. • Do not place discs into the device immediately if they came from a
cold environment, specially during cold seasons. Wait until the discs have reached room
temperature. ASUS DVD-E616P2...

[Page 10: Conventions Used In This Guide](#)

CAUTION: Information to prevent damage to the components when trying to complete a task.
IMPORTANT: Information that you MUST follow to complete a task. NOTE: Tips and additional
information to aid in completing a task. ASUS DVD-E616P2...

[Page 11: Package Contents](#)

Package contents Upon opening your ASUS DVD-E616P2 drive package, check if all the
following items are present and in good condition. If any of the items is damaged or missing,
contact your retailer immediately. • ASUS DVD-E616P2 DVD-ROM Drive •...

[Page 12: Welcome](#)

Welcome TThank you for buying the ASUS DVD-E616P2 Drive! Read the instructions and
important information in this manual for proper use and installation of this device. Product
introduction Specifications The DVD-E616P2 has the following specifications: Sustained transfer
rate 16x max. ~ 21640KB/sec 48x max.

[Page 13](#) DOS 6.xx, Linux Power Supply DC 5 x (+/- 5%) V DC 12 X (+/- 5%) V Dimensions
148.5 (w) x 173 (d) x 42.6 mm (h) Mass 830 g Refer to "Technical information" on page 30 for
detailed specifications. ASUS DVD-E616P2...

[Page 14: Front Panel](#)

Eject Button does not work due to power failure or software problems. Insert the emergency
eject pin into this hole to manually eject the tray and the disc. Refer to page 27 for details. Turn
off your computer before using the Emergency Eject Pinhole. ASUS DVD-E616P2...

[Page 15](#) 3. READ indicator This LED lights up when data is being read on the disc. 4. Eject
button Press this button to eject the tray and load or remove a disc. ASUS DVD-E616P2...

[Page 16: Rear Panel](#)

5. Digital audio output This connector is for a 2-pin digital audio cable that attaches a sound card to the drive. 6. Analog audio output This connector is for an analog audio output cable. This connector is compatible with "Molex 70553". ASUS DVD-E616P2...

[Page 17: Device Configuration Jumper](#)

8. Host IDE interface This connector is for a 40-pin IDE cable to connect the drive to the IDE interface on the motherboard. 9. DC input This DC connector is for a 4-pin power cable from the system power supply. ASUS DVD-E616P2...

[Page 18: Setting The Jumper Terminals](#)

Use jumper blocks to short the pins to your desired setting. Make sure you correctly put the jumper blocks over the pins. Failure to do so can cause irreparable damage to the drive! Jumper terminals ASUS DVD-E616P2...

[Page 19](#) PIN 1 Cable Select Mode Cover the two pins labeled CS (see illustration) if your computer supports a Cable Select (CSEL) signal. You need an exclusive interface cable for this setting. Refer to your computer manual for details. ASUS DVD-E616P2...

[Page 20: Installing The Drive](#)

Installing the drive Follow these steps to install the drive into the computer chassis. Refer to your computer manual for specific instructions on opening the chassis and installing drives. 1. Remove the cover of an empty 5.25-inch drive bay. ASUS DVD-E616P2...

[Page 21](#) 2. Carefully insert the drive into the bay and push it inward until it is flushed to the chassis front panel. The holes on the sides of the drive should align with the holes on the drive bay. ASUS DVD-E616P2...

[Page 22](#) Depending on the space on your chassis, you may need to connect the drive cables before securing the drive into the chassis. For cable connections, proceed to the following section, "Connecting the Drive Cables." ASUS DVD-E616P2...

[Page 23: Connecting The Drive Cables](#)

4-pin CD connector on the motherboard. All the cable plugs are slotted so that they fit in only one orientation. If a plug does not fit in completely, try reversing it. DO NOT apply too much force when fitting the cable plugs. ASUS DVD-E616P2...

[Page 24: Drive Basics](#)

Placing a disc into the drive 1. Press the eject button on the front of the drive to eject the tray. 2. When the drive tray ejects out of the drive, place the disc on the tray with the label (printed) side up. ASUS DVD-E616P2...

[Page 25](#) If you are using an 8-cm disc, place it on the inner circular border on the tray. 3. Press the drive eject button or lightly push the center of the drive tray to replace the tray inside the drive. ASUS DVD-E616P2...

[Page 26: Ejecting A Disc From The Drive](#)

1. Press the STOP/EJECT button on the front of the drive to eject the tray. 2. Carefully remove the disc from the tray. 3. Press the drive STOP/EJECT button or lightly push the center of the drive tray to load the tray back into the drive. ASUS DVD-E616P2...

[Page 27: Using The Emergency Eject Pinhole](#)

To eject the drive tray using the emergency pinhole: 1. Insert the eject pin that came with the drive package. You can also use a paper clip or any pointed rod small enough to fit into the emergency pinhole. ASUS DVD-E616P2...

[Page 28](#) 2. Carefully pull the tray out and remove the disc. Do not force the tray open; wait until the eject pin has dislodged the tray to avoid breaking the tray panel. ASUS DVD-E616P2...

[Page 29: Using Compact Discs](#)

Cleaning a disc Spray the disc with compressed air for about five seconds to get rid of the dust on a disc. Handling a disc Hold a disc by the edges. Do not touch the disc surface. ASUS DVD-E616P2...

[Page 30: Technical Information](#)

76 cm high (1 corner, 3 edges, 6 surfaces) Acoustic Sound pressure Less than 40 dB (microphone should be 1 meter away from the drive) Reliability MTBF 100,000 power on hours MTTR* 30 minutes * Mean Time To Repair ASUS DVD-E616P2...

[Page 31: Electrical And Audio Specifications](#)

ATAPI terminal 40-pin Audio out 4-pin analog Digital output 2-pin Audio No. of channels 2 (stereo) Sampling frequency 44.1 kHz Quantization 16 bits Distortion 0.2% max. (at 1 kHz) S/N ratio 70 dB Line Out 0.70 V rms (typical) ASUS DVD-E616P2...

[Page 32: Dvd Region Codes](#)

This limitation makes the drive adaptable for use in many regions while maintaining compliance with RPC-II regulations. The ability to switch from one region to another is not an ongoing feature. Set the drive to your local region to avoid incorrect setting. ASUS DVD-E616P2...

[Page 33](#) ASUS DVD-E616P2...

[Page 34](#) Region Code Area U.S., U.S. Territories, Canada Europe, Middle East, Japan, Egypt, S. Africa, Greenland South Eastern Asia, Taiwan, Hong Kong, Korea Australia, New Zealand, Latin America, Pacific Islands Russia, Eastern Europe, India, Africa, North Korea China ASUS DVD-E616P2...