Novatel Wireless Technologies Ltd.
Suite 200, 6715 - 8th St NE
Calgary, AB Canada T2E 7H7
Phone: 403 295 4800

TITLE: QUICK START GUIDE MC996D NVTL

P/N: 90026012 | ECO:

Rev.A 08/17/09- A.Farrell- INITIAL DRAFT
Rev.B 08/18/09 - A.Farrell - SECOND DRAFT
Rev.C 08/19/09 - A.Farrell - THIRD DRAFT

NOTES

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INKS

PROCESS CYAN | PROCESS MAGENTA | PROCESS YELLOW | PROCESS BLACK

MATERIAL/FINISH:
80# MATTE OR 115 gsm THROUGHOUT
BINDING: STAPLE
25% MIN Post Consumer

FONTS
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Myriad Pro Bold

FILES
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90026012 Rev A CS Outline Quick Start Guide MC996D NVTL.EPS (AI CS EPS)
90026012 Rev A View Only Quick Start Guide MC996D NVTL.PDF (DO NOT PRINT Reference PDF)

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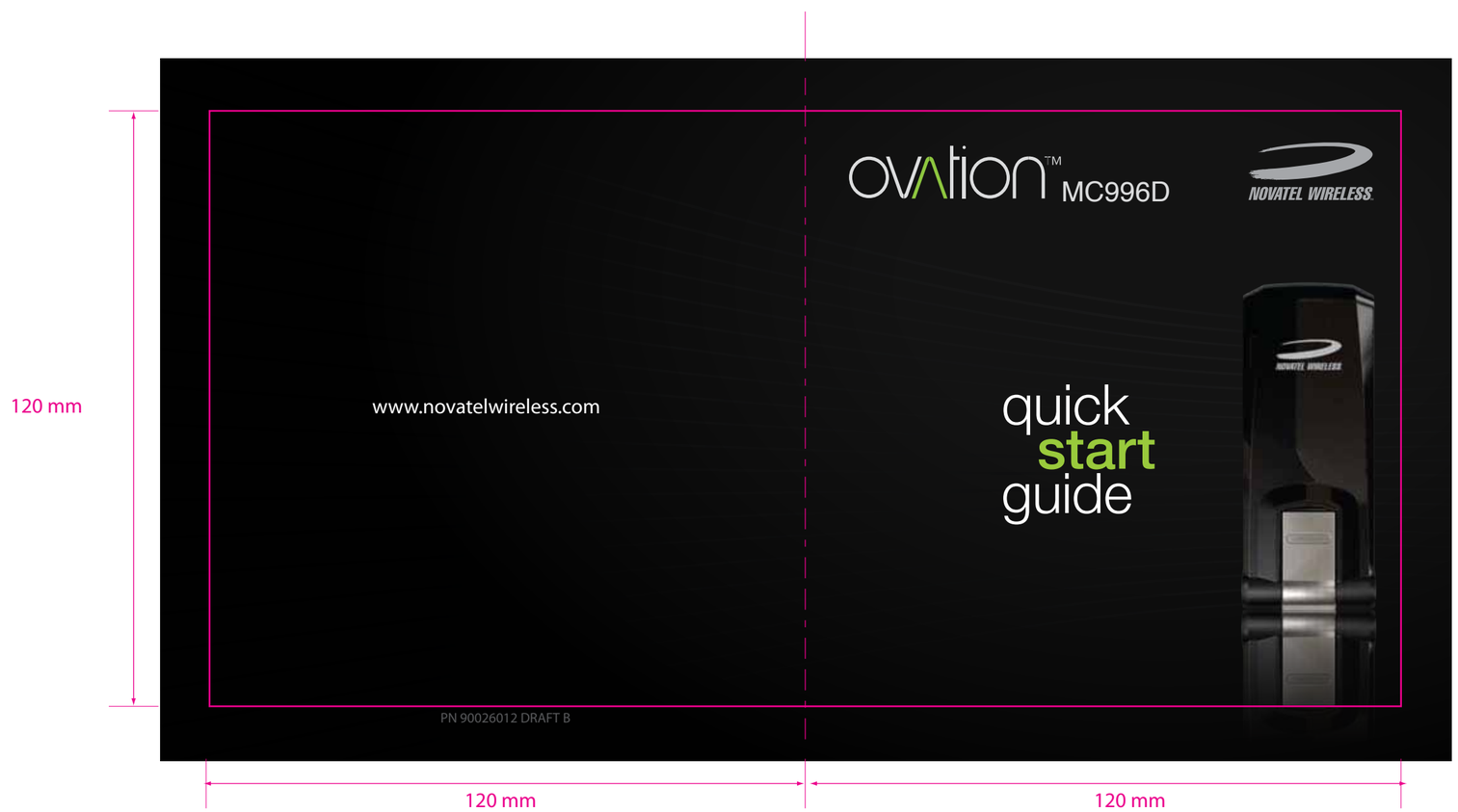

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Inside Front Cover

totalmobileinternet®

The Ovation™ MC996D wireless broadband USB modem is a compact HSPA+ device that features receiver diversity. Surf the web, download files and music, share photos, manage email and more at speeds of up to 28.8 Mbps* download (HSPA+) and 5.76 Mbps upload (HSUPA)‡.

Optimised for Europe, Ovation MC996D ensures lightening fast broadband speeds whether you are in London, Paris or Milan. Access HSPA+, UMTS, EDGE and GPRS mobile broadband networks for fully featured global roaming†.

Included with Ovation MC996D is MobiLink™ 3, an auto-installing connection manager for Windows and Mac. Simply plug the device into your computer and the software automatically installs, giving you the freedom to connect quickly to the Internet from almost anywhere.

NOTE: This is a Quick Start Guide. For complete details and information regarding the use of your device, accessories, and additional safety and regulatory information, please consult the User Guide at www.novatelwireless.com.

DO NOT CONNECT THE DEVICE TO YOUR COMPUTER UNTIL YOU HAVE REVIEWED THE STEPS OUTLINED IN THIS QUICK START GUIDE.

*21.6 Mbps at launch, future firmware update required for 28.8 Mbps
‡Ovation MC996D supports HSUPA 3GPP Release 6 uplink and HSPA+ 3GPP Release 7 downlink.
†Service Provider dependent

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System Requirements

- Microsoft Windows® XP, Vista; Mac OS® X 10.4 or higher
- 100 MB Hard Drive Space
- Microsoft Internet Explorer 6.0 or higher; Mozilla Firefox; Safari
- USB 1.1 or 2.0 port

Contents

- Ovation MC996D Broadband Modem
- Quick Start Guide

Ovation MC996D

- LED
  The LED provides connection and error status
  (See page 6 for a detailed list of the colours and their defined states.)
- Hinged USB Connector
  Folds back to protect the USB connector while the device is not in use.
- SIM Card Slot
  The SIM card is inserted in this location.
  (See page 3 for instructions on use.)
- microSD Card Slot
  The microSD card is inserted in this location.
  (See page 3 for instructions on use.)

1 2

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1

Getting Started | Insert SIM Card

Before connecting the MC996D to your computer for the first time, you must insert the SIM card supplied by your service provider.

1. Remove the cover by sliding it away from the USB connector.
2. Insert the SIM card into Ovation MC996D. Ensure the orientation notch is positioned as shown.
3. Push the SIM card completely into the slot.
4. Replace the cover securely.

*microSD cards are sold separately. Follow steps 1-4 for instructions for proper insertion. For further instruction on how to use a microSD card, consult the user guide.

2

Getting Started | Windows

» Turn on your computer and close all open applications.
» Flip open the USB connector and insert Ovation MC996D into a USB port.

Windows - MobiLink

1. MobiLink software and drivers for Windows automatically install.
(If MobiLink does not automatically install, see page XX for troubleshooting tips.)
2. Launch MobiLink and click the **Menu** Icon. Select **Profile Manager**.

3. Click **New**, enter a Profile Name and APN*, then click **Next**. Enter your Username* and Password*, if required, and click **Finish**.
(*Available from your service provider.)
4. Click **Connect**!

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Getting Started | Mac

» Turn on your computer and close all open applications.
» Flip open the USB connector and insert Ovation MC996D into a USB port

Mac - Internet Connect

1. Two files appear on the Mac desktop, Instructions.pdf and Driver_Installer.app.
2. Follow the instructions outlined in the Instructions.pdf file for the full installation procedure.

5

3

The Basics | LED States

LED

BLUE/ GREEN	Alternating		Searching for service
GREEN	GPRS/EDGE	Flashing:	GPRS/EDGE service is available
		Solid:	Connected to a network using GPRS/EDGE
BLUE	UMTS	Flashing:	UMTS service is available
		Solid:	Connected to a network using UMTS
VIOLET	HSPA	Flashing:	HSPA service is available
		Solid:	Connected to a network using HSPA
YELLOW	HSPA+	Flashing:	HSPA+ service is available
		Solid:	Connected to a network using HSPA+
RED	Error	Solid:	Device error. See User Guide for list of possible errors

6

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The Basics — Caring for your device

- Avoid storing your device in extreme temperatures.
- Store your device in a dry and clean environment.
- Avoid spilling any liquid on your device or immersing it in water.
- Do not place any labels on the device as doing so could alter the sensitivity of the antenna.
- Do not force the modem into the USB port.
- Do not force the SIM card into the SIM card slot.
- Do not apply force to the top or bottom of your device.
- Remove the Ovation MC996D from your computer before transporting your device.

The Basics — Troubleshooting

MobiLink does not automatically install on Windows

1. Remove exisiting drivers from a previous version or previous installation of MobiLink Connection Manager. Go to **Start>Control Panel>Add/Remove Progams>MobiLink**. Restart your computer and follow the steps for installation on page 4.

2. If you do not have exisiting drivers for MobiLink already installed on your computer, you may launch the MobiLink installer manually. Ensure that the device is properly inserted into your computer's USB port. Go to **Start>My Computer>CD Drive**. Here, a CD icon image for MobiLink should be visible. Click to open. Now, click to open the Setup.exe file and the software should install.

For a detailed list of troubleshooting tips, consult the user guide.

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Regulatory Information

CE Marking
FCC Notice
Safety Notice

CE Marking
This device has been tested to and conforms to the essential regulatory requirements of the European Union R&TTE directive 1999/5/EC and has attained CE Marking.

Federal Communications Commission Notice (FCC United States)
This equipment has been tested to, and found to be within the acceptable limits for a Class B digital device, pursuant to part 15 of the FCC Rules and Industry Canada ICES-003. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment.

This equipment generates radio frequency energy and is designed for use in accordance with the manufacturer's user manual. However, there is no guarantee that interference will not occur in any particular installation.

If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

Regulatory Information

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Consult the dealer or an experienced radio/television technician for help

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules and Industry Canada ICES-003. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

WARNING: DO NOT ATTEMPT TO SERVICE THE WIRELESS COMMUNICATION DEVICE YOURSELF. SUCH ACTION MAY VOID THE WARRANTY. THE OVATION DEVICE IS FACTORY TUNED. NO CUSTOMER CALIBRATION OR TUNING IS REQUIRED. CONTACT YOUR SERVICE PROVIDER FOR INFORMATION ABOUT SERVICING YOUR WIRELESS COMMUNICATION DEVICE.

NOTE: The Radio Frequency (RF) emitter installed in your modem must not be located or operated in conjunction with any other antenna or transmitter, unless specifically authorized by Novatel Wireless Technologies.

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Regulatory Information

MODIFICATIONS: Any changes or modification not expressly approved by Novatel Wireless, Inc. could void the user's authority to operate this equipment.

The FCC has granted an Equipment Authorization for this wireless modem with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

FCC Equipment Authorization ID: NBZNRM-MC996D

In order to comply with FCC RF exposure requirements, the device must be installed so that a minimum separation distance of 0.5 cm (0.2") is maintained between the antenna and all persons during ordinary operating condition.

Safety Notices
Do not operate your Ovation MC996D in any area where medical equipment, life support equipment, or near any equipment that may be susceptible to any form of radio interference. In such areas, the host communications device must be turned off. The MC996D may transmit signals that could interfere with this equipment.

11

Regulatory Information

On an aircraft, either on the ground or airborne
In addition to FAA requirements, many airline regulations state that you must suspend wireless operations before boarding an airplane. Please ensure that the host device is turned off and your Ovation MC996D is removed from the USB port prior to boarding aircraft in order to comply with these regulations. Ovation MC996D can transmit signals that could interfere with various onboard systems and controls.

While operating a vehicle
The driver or operator of any vehicle should not operate a wireless data device while in control of a vehicle. Doing so will detract from the driver or operator's control and operation of that vehicle. In some countries, operating such communications devices while in control of a vehicle is an offense.

NOTE: Please consult the User Guide for complete regulatory and safety information, available at **www.novatelwireless.com**

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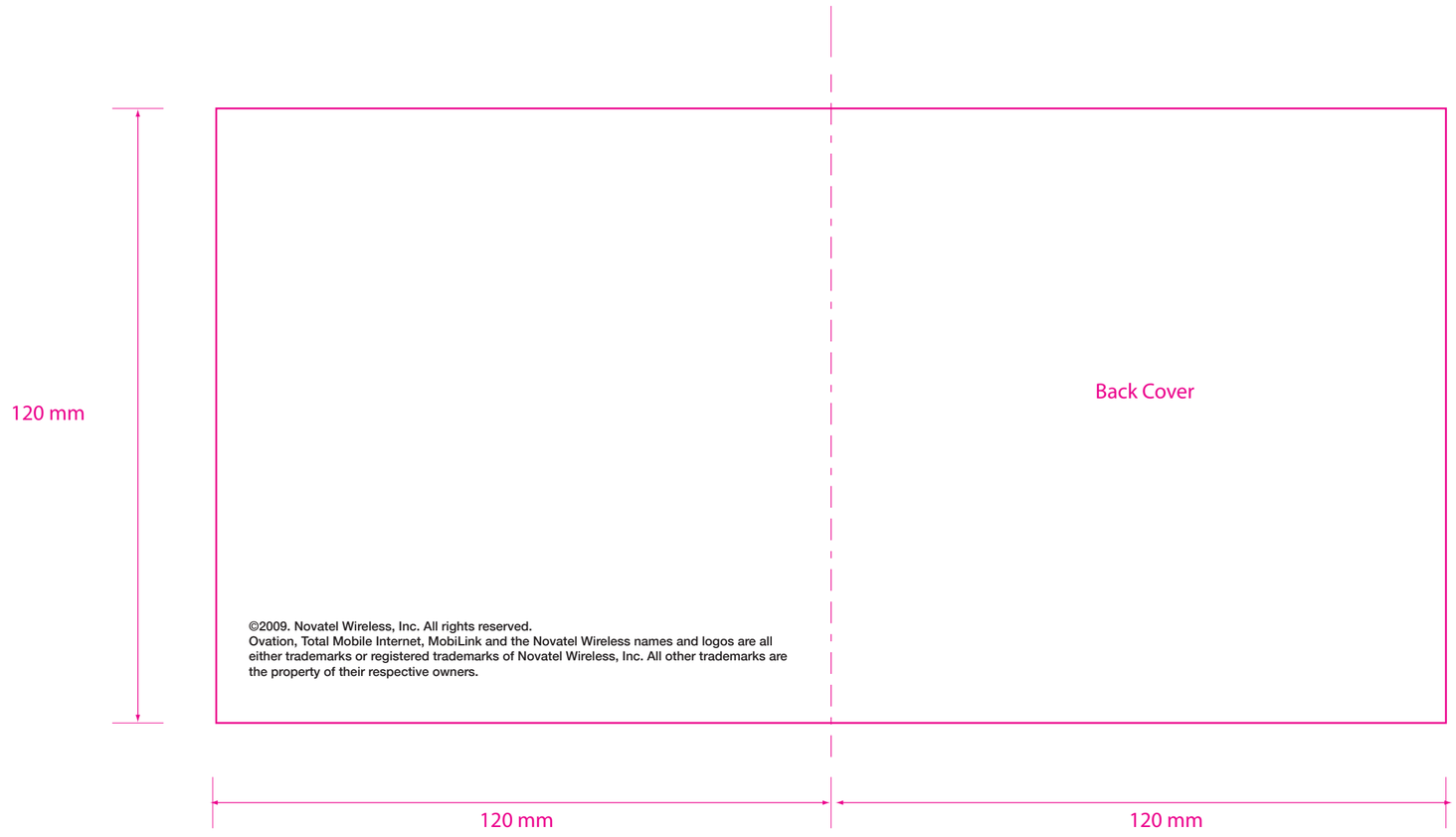

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