



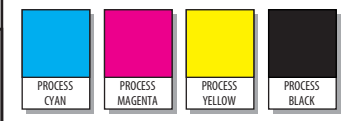
Novatel Wireless Technologies Ltd.
Suite 200, 6715 - 8th St NE
Calgary, AB Canada T2E 7H7
Phone: 403 295 4800

NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

COLOR: 4/4

INKS



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

FONTS
Myriad Pro Regular
Myriad Pro Condensed
Myriad Pro Bold

FILES
90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
ALL IMAGES EMBEDDED IN DOCUMENT

This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 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

120 mm



www.novatelwireless.com

ovation™ MC998D



quick
start
guide



PN 90026013 DRAFT B

120 mm

120 mm



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

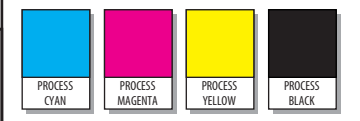
NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

FONTS
Myriad Pro Regular
Myriad Pro Condensed
Myriad Pro Bold

COLOR: 4/4

INKS



FILES
90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
ALL IMAGES EMBEDDED IN DOCUMENT

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

This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 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

120 mm

Inside Front Cover

120 mm

120 mm

totalmobileinternet®

The Ovation™ MC998D 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 North America, Ovation MC998D ensures lightning 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 MC998D 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 MC998D supports HSUPA 3GPP Release 6 uplink and HSPA+ 3GPP Release 7 downlink.
†Service Provider dependent



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

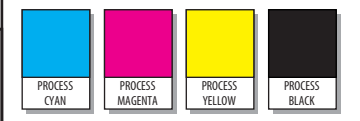
NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

FONTS
Myriad Pro Regular
Myriad Pro Condensed
Myriad Pro Bold

COLOR: 4/4

INKS



FILES
90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
ALL IMAGES EMBEDDED IN DOCUMENT

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

This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 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

120 mm

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 MC998D Broadband Modem
- Quick Start Guide

1

Ovation MC998D



- 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.)

2

120 mm

120 mm



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

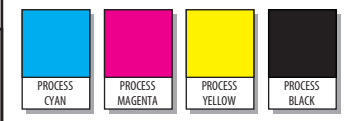
NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

FONTS
Myriad Pro Regular
Myriad Pro Condensed
Myriad Pro Bold

COLOR: 4/4

INKS



FILES
90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
ALL IMAGES EMBEDDED IN DOCUMENT

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

This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 ECO:

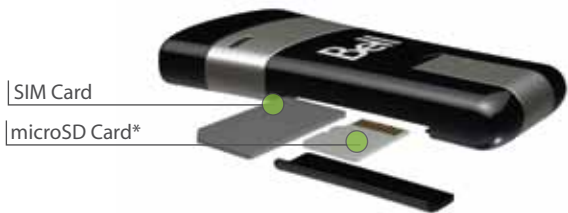
Rev.A 08/17/09- A.Farrell- INITIAL DRAFT
Rev.B 08/18/09 - A.Farrell - SECOND DRAFT
Rev.C 08/19/09 - A.Farrell - THIRD DRAFT

120 mm

1 Getting Started

Insert SIM Card

Before connecting the MC998D 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 MC998D. 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.
3 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 MC998D 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!**

4

120 mm

120 mm



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

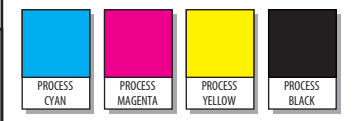
NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

FONTS
Myriad Pro Regular
Myriad Pro Condensed
Myriad Pro Bold

COLOR: 4/4

INKS



FILES
90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
ALL IMAGES EMBEDDED IN DOCUMENT

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

This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 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

120 mm

2

Getting Started

Mac

» Turn on your computer and close all open applications.
» Flip open the USB connector and insert Ovation MC998D 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	Color	State	Description
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

120 mm

120 mm



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

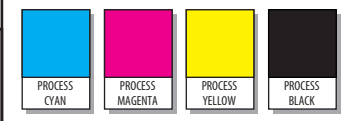
NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

FONTS
Myriad Pro Regular
Myriad Pro Condensed
Myriad Pro Bold

COLOR: 4/4

INKS



FILES
90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
ALL IMAGES EMBEDDED IN DOCUMENT

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

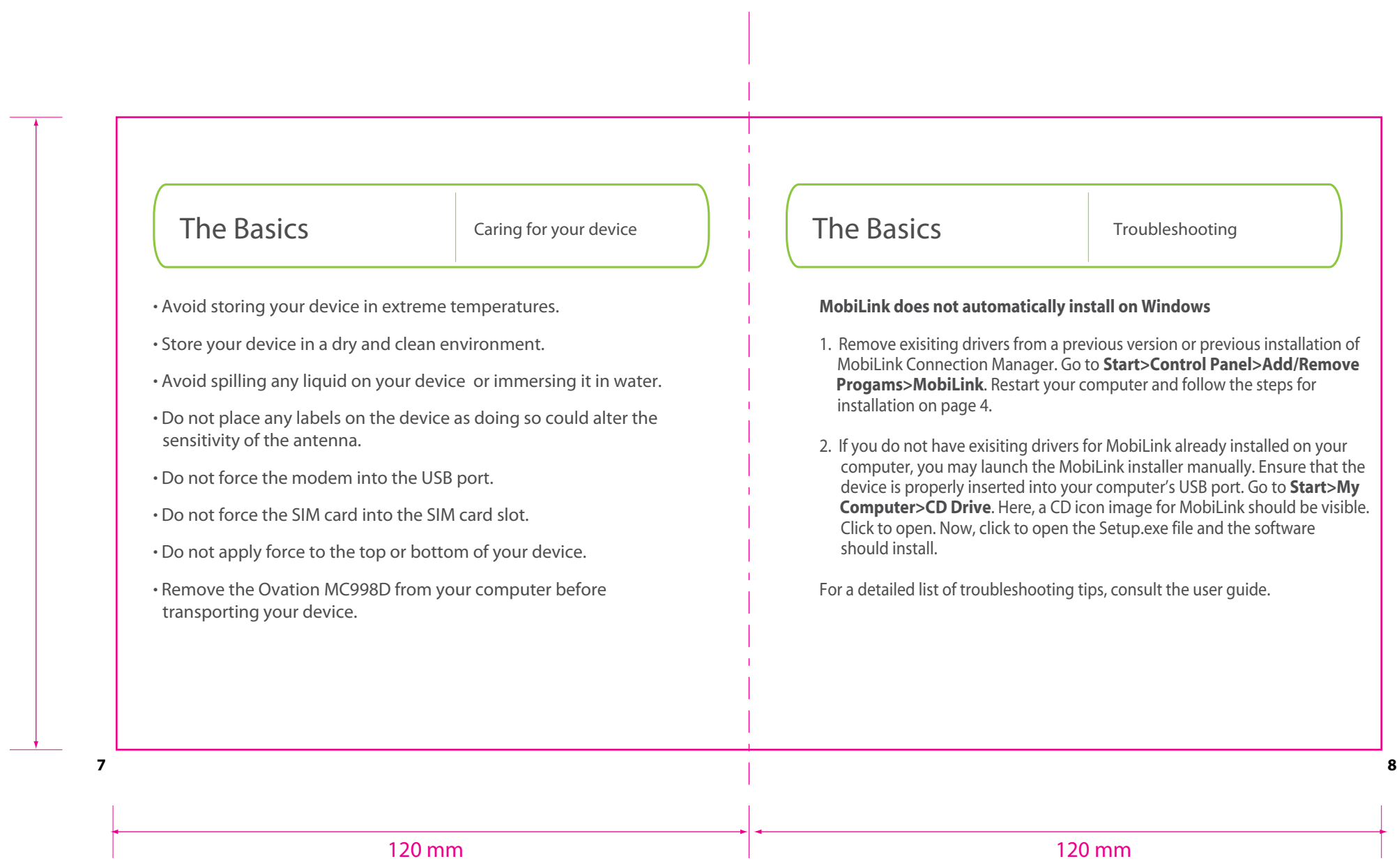
This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 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

120 mm



7

8

120 mm

120 mm

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 MC998D from your computer before transporting your device.

The Basics

Troubleshooting

MobiLink does not automatically install on Windows

1. Remove existing drivers from a previous version or previous installation of MobiLink Connection Manager. Go to **Start>Control Panel>Add/Remove Programs>MobiLink**. Restart your computer and follow the steps for installation on page 4.
2. If you do not have existing 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.



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

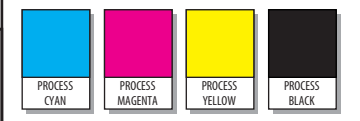
NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

FONTS
Myriad Pro Regular
Myriad Pro Condensed
Myriad Pro Bold

COLOR: 4/4

INKS



FILES
90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
ALL IMAGES EMBEDDED IN DOCUMENT

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

This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 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

120 mm

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 OVIATION 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.

120 mm

120 mm



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

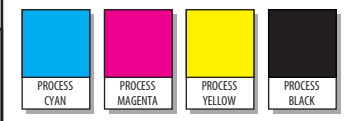
NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

FONTS
 Myriad Pro Regular
 Myriad Pro Condensed
Myriad Pro Bold

COLOR: 4/4

INKS



FILES
 90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
 90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
 90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
 ALL IMAGES EMBEDDED IN DOCUMENT

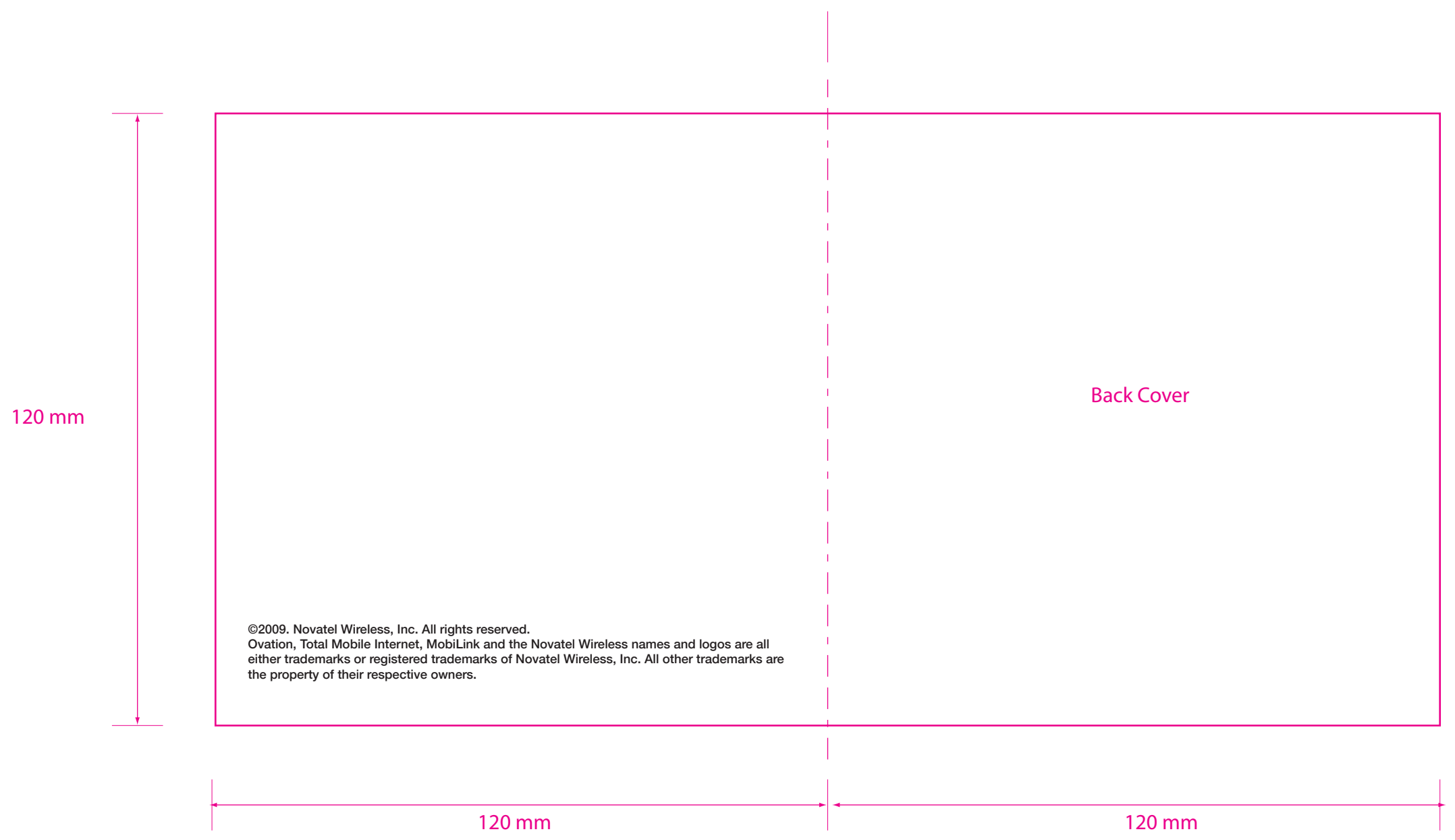
MATERIAL/FINISH:
 80# MATTE OR 115 gsm THROUGHOUT
 BINDING: STAPLE
 25% MIN Post Consumer

This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 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





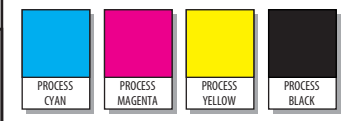
Novatel Wireless Technologies Ltd.
Suite 200, 6715 - 8th St NE
Calgary, AB Canada T2E 7H7
Phone: 403 295 4800

NOTES

MAGENTA DOES NOT PRINT. FOR DIECUT REFERENCE ONLY.

COLOR: 4/4

INKS



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

FONTS
Myriad Pro Regular
Myriad Pro Condensed
Myriad Pro Bold

FILES
90026013 Rev A Master Quick Start Guide MC998D NVTL.AI (AI CS3)
90026013 Rev A CS Outline Quick Start Guide MC998D NVTL.EPS (AI CS EPS)
90026013 Rev A View Only Quick Start Guide MC998D NVTL.PDF (DO NOT PRINT Reference PDF)

IMAGES
ALL IMAGES EMBEDDED IN DOCUMENT

This Proof Indicates Approximate Color Only. For Accurate Color Match, Use Approved Color Standard. DO NOT USE COLOR FORMULAS ON THIS FILE.

TITLE: QUICK START GUIDE MC998D NVTL

P/N: 90026013 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

120 mm

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-MC998D

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 MC998D 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 MC998D may transmit signals that could interfere with this equipment.

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 MC998D is removed from the USB port prior to boarding aircraft in order to comply with these regulations. Ovation MC998D 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

120 mm

120 mm