

Rhein Tech Laboratories, Inc.
360 Herndon Parkway
Suite 1400
Herndon, VA 20170
<http://www.rheintech.com>

Client: Arris Group, Inc.
Model: IP805/1500/6764
Standard: FCC 15.247/RSS-210
IDs: ACQ-IP805/109AS-IP805
Report #: 2013248

Appendix K: Manual

Please refer to the following pages.



IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

IMPORTANT SAFETY CONSIDERATIONS FOR ALL SET-TOPS

- The mains plug is the main disconnect device. It shall remain readily accessible and operable.
- The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING: Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

- See label on bottom of unit for additional markings.

ADDITIONAL SAFETY FEATURES FOR WIFI

This device, like other radio devices, emits radio frequency electromagnetic energy, but operates within the guidelines found in radio frequency safety standards and recommendations.

WIRELESS LAN AND YOUR HEALTH

This device, like other radio devices, emits radio frequency electromagnetic energy, but operates within the guidelines found in radio frequency safety standards and recommendations.

DURING TRANSPORTATION TO THE SUBSCRIBER HOME

- Transport the cable terminal in its shipping box or an equally padded container.
- Do not expose the terminal to rain or moisture.

DURING INSTALLATION

- Do not place the terminal in an enclosed area where the cooling vents are blocked or impede the flow of air through the ventilation openings.
- Install the terminal so that its position does not interfere with its proper ventilation. For example, do not place the terminal on a bed, sofa, rug, or similar surface that could block the ventilation openings.
- Install the terminal so that there is a minimum of two inches of space between surrounding surfaces and the top, left, and right sides of the terminal to ensure proper ventilation.
- Install the terminal away from heat sources such as radiators, heat registers, and stoves. Installation of the terminal near consumer electronics devices, such as stereo receiver/ amplifiers and televisions, is permitted as long as the air surrounding the terminal does not exceed 104° F (40° C).
- Place the terminal on a flat surface not prone to vibration or impact.
- Do not place the terminal on top of another electronic device.
- Do not install the terminal in an area where condensation occurs.
- To prevent the temporary loss of guide data and cause a temporarily non-responding terminal, do not plug the AC power cord into a switched power outlet.

FCC CERTIFICATION

This product contains a radio transmitter and accordingly has been certified as compliant with 47 CFR Part 15 of the FCC Rules for intentional radiators. Products that contain a radio transmitter are labeled with FCC ID and the FCC logo.

CAUTION: Exposure to Radio Frequency Radiation. To comply with the FCC RF exposure compliance requirements, the separation distance between the antenna and any person's body (including hands, wrists, feet and ankles) must be at least 20 cm (8 inches)

FCC COMPLIANCE

Note: *This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:*

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the set-top is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Changes or modifications not expressly approved by ARRIS for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC DECLARATION OF CONFORMITY

ARRIS Enterprises, Inc., 101 Tournament Drive, Horsham, PA 19044, 1-215-323-1000, declares that this IP STB comply with 47 CFR Parts 2 and 15 of the FCC rules as a Class B digital device.

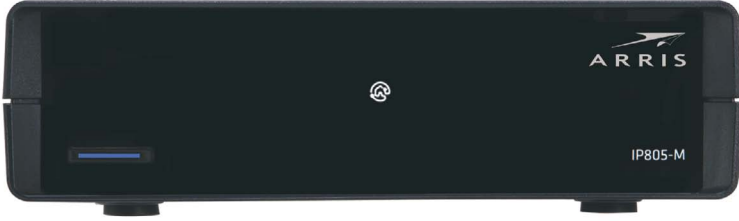
Industry Canada (IC)

This Class B digital device complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



IP805-M

Quick Start Guide

Guía de inicio rápido

Getting to Know Your IP805-M

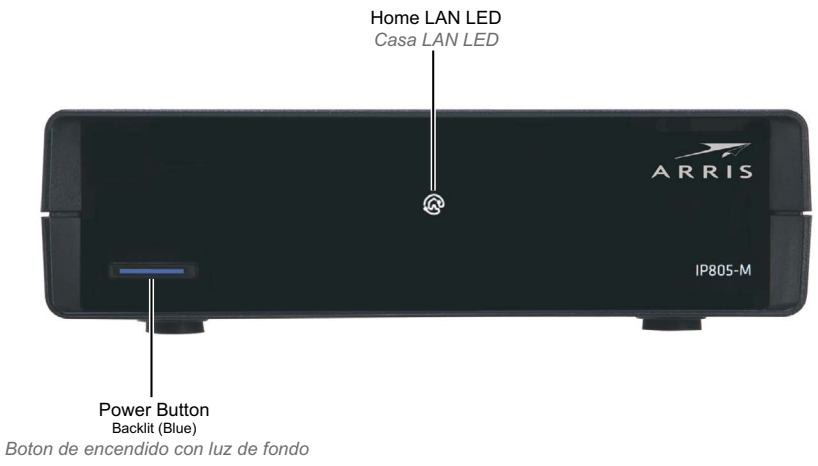
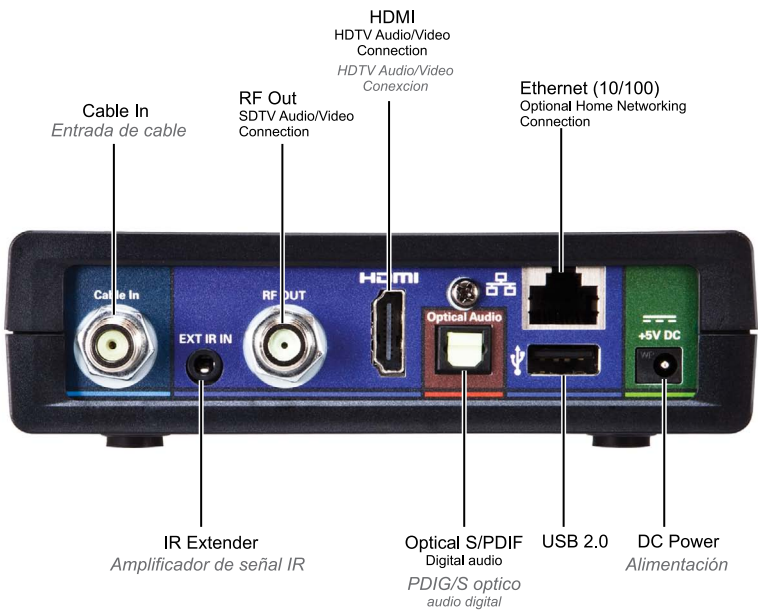
The ARRIS IP805-M enables a rich user experience through the delivery of IP based HDTV video services to the additional TV's in your home. The IP805-M functions as a client to a multi-tuner video gateway over the home network to provide whole home DVR services. This means you can now pause and rewind Live TV, playback DVR recordings, and manage your recordings from any room with a video gateway or IP805-M. The IP805-M has a small, sleek design that includes both HDMI and NTSC connectors.

Refer to the IP805-M User Guide for more information. Some features may not be supported by your cable provider.

Conozca su IP805-M

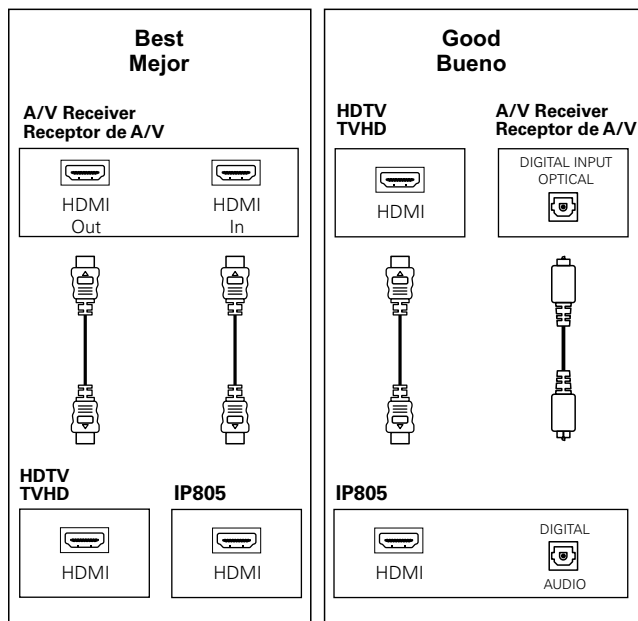
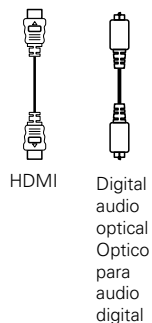
El IP805-M de ARRIS permite una experiencia de usuario enriquecida mediante la entrega de servicios de video HDTV basados en IP para los televisores adicionales del hogar. El IP805-M funciona como un cliente para una gateway de video de sintonización múltiple a través de la red doméstica, con el fin de proporcionar servicios completos de DVR para el hogar. Esto significa que ahora puedes pausar y retroceder transmisiones de televisión en directo, reproducir grabaciones de DVR y administrar tus grabaciones desde cualquier habitación con una gateway de video o el IP805-M. El IP805-M posee un diseño pequeño y elegante que incluye conectores HDMI y NTSC.

Consulte la guía de usuario del IP805-M para obtener más información. Algunas funciones pueden no ser compatibles con su proveedor de cable.

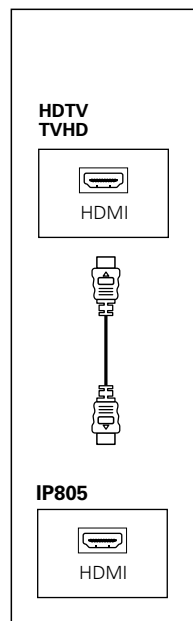


HDTV

If you have an A/V receiver
Si usted tiene un receptor de A / V

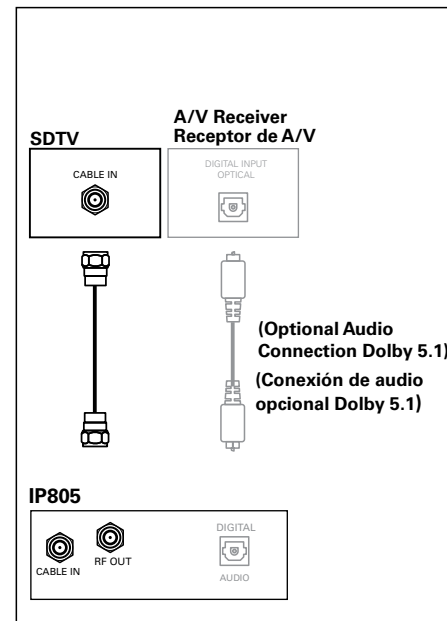


No A/V receiver
No receptor A / V



SDTV

Audio / Video
Composite connection



IMPORTANT! Read the enclosed Safety Instructions before you begin.

¡IMPORTANTE! Lea las instrucciones de seguridad que se adjuntan antes de empezar.

Setting Up Your IP805-M Programa su IP805-M

1. Connect your cable service.

1. Conecte su servicio de cable.

Connect the coaxial cable from your wall outlet to the **Cable In** port on the IP805-M.

Conecte el cable coaxial de su tomacorriente de pared al puerto **de entrada de cable** en el IP805-M.

2. Connect your TV (and A/V receiver, if you have one).

2. Conecte su TV (y receptor de A/V, si cuenta con uno).

Use the diagrams above to guide you. Additional connection options are provided in the IP805-M User Guide.

Use los diagramas anteriores como guía. Se brindan más opciones de conexión en la guía de usuario del IP805-M.

3. Plug in the IP805-M and turn it on.

3. Conecte el IP805-M y enciéndalo.

Connect the power cord, then press the **Power** button on the IP805-M front panel or remote control.

Conecte el cable de **alimentación** y presione el botón de encendido en el panel frontal del IP805-M o en el control remoto.

4. Turn on the TV and select the input.

4. Encienda la TV y seleccione la entrada.

Use the remote control for your TV or IP805-M to select the input you used to connect the two. You should start to receive programming within a few minutes.

Use el control remoto para su TV o IP805-M para seleccionar la entrada que usó para conectar los dos. Comenzará a recibir programación en unos minutos.

Note: You may need to contact your cable provider to have your service fully provisioned and authorized.

Nota: Es posible que necesite ponerse en contacto con su proveedor de servicio para que su servicio cuente con lo necesario y esté autorizado.

What's Next?

¿Cuál es el siguiente paso?

You'll find additional audio/video connection options, instructions for setting up a home network and connecting networked devices, information about the user settings, and troubleshooting advice in the IP805-M User Guide. Visit www.morotola.com/doccenter.

En la guía del usuario del IP805-M encontrará opciones adicionales para la conexión de audio/video, instrucciones para configurar una red doméstica y para conectar los dispositivos en red, información sobre la configuración del usuario y consejos para la solución de problemas. Visite www.morotola.com/doccenter.

Which Connection Should You Choose?

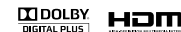
¿Qué conexión debe escoger?

HDMI carries both high-definition video and audio signals, providing the highest-quality picture and sound using just one cable. HDMI supports up to 1080p60 video resolution (HDTV) and Dolby Digital Plus (7.1) surround sound.

HDMI transmite tanto la señal de audio y de video de alta definición, lo que brinda el sonido y la imagen de la mejor calidad con solo un cable. HDMI tiene capacidad para 1080p60 de resolución de video (HDTV) y sonido envolvente Dolby Digital Plus (7.1).

If you do not have an HDTV with an HDMI connector, connect the IP805-M to your TV using the "RF Out" connector. You will need a coaxial cable to make this connection to your television. RF Out provides standard definition audio/video signals only.

Si no posee un HDTV con un conector HDMI, conecta el IP805-M a tu TV mediante el conector "Salida de RF". Necesitarás un cable coaxial para realizar esta conexión en tu televisor. La Salida RF proporciona únicamente señales de audio y video de definición estándar.



ARRIS and the ARRIS logo are trademarks or registered trademarks of ARRIS Enterprises, Inc. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries. Dolby®, Dolby Digital, Dolby Surround®, Pro Logic® and the double-D symbol are registered trademarks of Dolby Laboratories; Dolby Digital is manufactured under license from Dolby Laboratories. All other product or service names are the property of their respective owners. No part of this publication may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from ARRIS Enterprises, Inc. ©ARRIS Enterprises, Inc. All rights reserved.

ARRIS y el logotipo de la ARRIS son marcas comerciales o marcas comerciales registradas de ARRIS Enterprises, Inc. HDMI, el logotipo de HDMI y High-Definition Multimedia Interface son marcas comerciales o marcas comerciales registradas de HDMI Licensing, LLC en los Estados Unidos y/o en otros países. Dolby®, Dolby Digital, Dolby Surround®, Pro Logic® y el símbolo de la doble D son marcas comerciales registradas de Dolby Laboratories; Dolby Digital se fabrica bajo licencia de Dolby Laboratories. Todos los demás nombres de productos o de servicios pertenecen a sus respectivos dueños. Ninguna parte de esta publicación deberá reproducirse de manera alguna ni por ningún medio, ni deberá utilizarse para elaborar ningún trabajo derivado (como traducción, transformación o adaptación) sin el correspondiente permiso escrito por ARRIS Enterprises, Inc. ©ARRIS Enterprises, Inc. Todos los derechos reservados.



SPECIAL SYMBOLS THAT MIGHT APPEAR ON THE EQUIPMENT

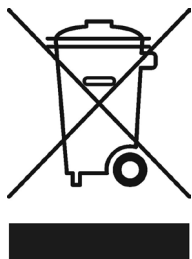


The exclamation point, within an equilateral triangle, is intended to alert the user to the presence of important installation, servicing, and operating instructions in the documents accompanying the equipment.



This symbol indicates that dangerous voltage levels are present within the equipment. These voltages are not insulated and may be of sufficient strength to cause serious bodily injury when touched. The symbol may also appear on schematics.

CARING FOR THE ENVIRONMENT BY RECYCLING



When you see this symbol on an ARRIS product, do not dispose of the product with residential or commercial waste.

Recycling your ARRIS Equipment

Please do not dispose of this product with your residential or commercial waste. Some countries or regions, such as the European Union, have set up systems to collect and recycle electrical and electronic waste items. Contact your local authorities for information about practices established for your region or contact your service provider for assistance.

SOFTWARE LICENSE, SAFETY, AND REGULATORY INFORMATION

ARRIS Enterprises, Inc.

101 Tournament Drive, Horsham, PA 19044

IMPORTANT: PLEASE READ THIS SOFTWARE LICENSE (“LICENSE”) CAREFULLY BEFORE YOU USE ANY SOFTWARE, FIRMWARE, AND RELATED DOCUMENTATION (“SOFTWARE”) PROVIDED WITH ARRIS’ DIGITAL CABLE RECEIVER OR HOME THEATER SYSTEM (EACH SHALL BE REFERRED TO IN THIS LICENSE AS A “RECEIVER”). BY USING THE RECEIVER AND/OR USING ANY OF THE SOFTWARE, YOU INDICATE YOUR ACCEPTANCE OF EACH OF THE TERMS OF THIS LICENSE. UPON ACCEPTANCE, THIS LICENSE WILL BE A LEGALLY BINDING AGREEMENT BETWEEN YOU AND ARRIS. THE TERMS OF THIS LICENSE APPLY TO YOU AND TO ANY SUBSEQUENT USER OF THIS SOFTWARE.

IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS LICENSE (I) DO NOT USE THE SOFTWARE AND (II) RETURN THE RECEIVER AND THE SOFTWARE (COLLECTIVELY, “PRODUCT”), INCLUDING ALL COMPONENTS, DOCUMENTATION AND ANY OTHER MATERIALS PROVIDED WITH THE PRODUCT, TO YOUR POINT OF PURCHASE OR SERVICE PROVIDER, AS THE CASE MAY BE, FOR A FULL REFUND.

The Software includes associated media, any printed materials, and any “on-line” or electronic documentation. Software provided by third parties may be subject to separate end-user license agreements from the manufacturers of such Software. The Software is never sold. ARRIS licenses the Software to the original customer and to any subsequent licensee for personal use only on the terms of this License. ARRIS and its third party licensors retain the ownership of the Software.

You may:

USE the Software only in connection with the operation of the Product.

TRANSFER the Software (including all component parts and printed materials) permanently to another person, but only if the person agrees to accept all of the terms of this License. If you transfer the Software, you must at the same time transfer the Product and all copies of the Software (if applicable) to the same person or destroy any copies not transferred.

TERMINATE this License by destroying the original and all copies of the Software (if applicable) in whatever form.

You may not:

(1) Loan, distribute, rent, lease, give, sublicense or otherwise transfer the Software, in whole or in part, to any other person, except as permitted under the TRANSFER paragraph above. (2) Copy or translate the User Guide included with the Software, other than for personal use. (3) Copy, alter, translate, decompile, disassemble, or reverse engineer the Software, including but not limited to, modifying the Software to make it operate on non compatible hardware. (4) Remove, alter, or cause not to be displayed, any copyright notices or startup message contained in the Software programs or documentation. (5) Export the Software or the Product components in violation of any United States export laws.

The Product is not designed or intended for use in on line control of aircraft, air traffic, aircraft navigation, or aircraft communications; or in design, construction, operation, or maintenance of any nuclear facility. ARRIS AND ITS THIRD PARTY LICENSORS DISCLAIM ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR SUCH USES. YOU REPRESENT AND WARRANT THAT YOU SHALL NOT USE THE PRODUCT FOR SUCH PURPOSES.

Title to this Software, including the ownership of all copyrights, mask work rights, patents, trademarks, and all other intellectual property rights subsisting in the foregoing, and all adaptations to and modifications of the foregoing shall at all times remain with ARRIS and its third party licensors. ARRIS retains all rights not expressly licensed under this License. The Software, including any images, graphics, photographs, animation, video, audio, music, and text incorporated therein is owned by ARRIS or its third party licensors and is protected by United States copyright laws and international treaty provisions. Except as otherwise expressly provided in this License, the copying, reproduction, distribution, or preparation of derivative works of the Software, any portion of the Product or the documentation is strictly prohibited by such laws and treaty provisions. Nothing in this License constitutes a waiver of ARRIS’ rights under United States copyright law.

This License and your rights regarding any matter it addresses are governed by the laws of the Commonwealth of Pennsylvania, without reference to conflict of laws principles. THIS LICENSE SHALL TERMINATE AUTOMATICALLY if you fail to comply with the terms of this License.

ARRIS is not responsible for any third party software that is provided as a bundled application, or otherwise, with the Software or that is downloaded to, or otherwise installed on, the Product.

U.S. GOVERNMENT RESTRICTED RIGHTS

The Product and documentation is provided with RESTRICTED RIGHTS. The use, duplication or disclosure by the Government is subject to restrictions as set forth in subdivision (c)(1)(ii) of The Rights in Technical Data and Computer Software clause at 52.227 7013. The contractor/ manufacturer is ARRIS Enterprises, Inc., 101 Tournament Drive, Horsham, PA 19044.



© 2013 ARRIS Enterprises, Inc. All rights reserved.

No part of this publication may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from ARRIS Enterprises, Inc. (“ARRIS”). ARRIS reserves the right to revise this publication and to make changes in content from time to time without obligation on the part of ARRIS to provide notification of such revision or change.

ARRIS and the ARRIS logo are all trademarks of ARRIS Enterprises, Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and the names of their products. ARRIS disclaims proprietary interest in the marks and names of others.

ARRIS provides this publication without warranty of any kind, implied or expressed, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. ARRIS may make improvements or changes in the product(s) described in this publication at any time.

