

MINOLTA

VECTIS GX-4

E INSTRUCTION MANUAL

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3-13, 2-Chome, Azuchi-Machi, Chuo-Ku, Osaka 541, Japan  
Kurt-Fischer-Strasse 50, D-22923 Ahrensburg, Germany  
365 Route de Saint-Germain, F-78420 Carrières-Sur-Seine, France  
Rooksley Park, Precedent Drive, Rooksley, Milton Keynes, MK13 8HF, England  
Amalienstrasse 59-61, A-1131 Wien, Austria  
Zonnebaan 39, P.O. Box 6000, NL-3600 HA Maarssen, The Netherlands  
Kontichsesteenweg 38, B-2630 Aartselaar, Belgium  
Riedstrasse 6 CH-8953 Dietikon, Switzerland  
P.O.Box 9058, Albygatan 114, S-17109 Solna, Sweden  
Niittykatu 6 PL 37 SF-02201 Espoo, Finland  
Rua Afonso Lopes Vieira 55-B P-1700 Lisboa, Portugal

101 Williams Drive, Ramsey, New Jersey 07446, U.S.A.  
11150 Hope Street Cypress, CA 90630, U.S.A.

369 Britannia Road East, Mississauga, Ontario L4Z 2H5, Canada  
106-3850 Jacobms Road, Richmond, B.C. V6V 1Y6, Canada  
Room 208, 2/F, Eastern Center, 1065 King's Road, Quarry Bay, Hong Kong  
10, Teban Gardens Crescent, Singapore 608923

FOR PROPER AND SAFE USE

STANDARD SYMBOLS

Various symbols are used in this instruction manual to promote the proper and safe use of this product. Read and understand each caution thoroughly before reading the instruction manual.

EXAMPLES

The outer triangle is for warning. The symbol inside illustrates what is being warned against. The example at left means beware of extreme heat.

The circle with a diagonal slash is for prohibition (don't do). The symbol inside illustrates what act is prohibited. The example at left means do not disassemble.

SAFETY CAUTIONS

Read and understand all cautions and warnings before using this product.

WARNING

Do not touch the flashtube during operation, it may become hot when the flash fires.

Do not look directly at the sun through the viewfinder.

Do not subject the camera to direct sunlight. Fire may occur if sunlight focuses at one point.

Batteries may explode due to improper use.  
Read and follow all warnings supplied with the battery.

- Do not reverse the battery's polarity (± reversed).
- Do not use a battery with visible damage.
- Do not subject the battery to fire or high temperatures.
- Do not attempt to recharge, short, or disassemble.

Observe the following warnings when using this product near young children or persons that may have difficulty understanding the potential danger associated with these products.

If caution is not used, the following accidents or others may occur:

- Flash fired near the eye.
- Strap wound around the neck.

Keep batteries and other things that could be swallowed away from young children. Contact a doctor immediately if an object is swallowed.

CAUTION

Do not fire the flash near the eyes of people or animals, especially infants and young children. Do not fire the flash if your subject is closer than the minimum flash distance stated in the manual.

If the camera is dropped or subjected to an impact in which the interior is exposed, immediately remove the batteries and discontinue use.  
Do not disassemble. Take your camera to a Minolta Service Facility when repairs are required.  
Electric shock may occur if a high voltage circuit inside the camera is touched.

THIS CAMERA IS WATERPROOF AND CAN BE USED IN THE RAIN, SNOW, OR UNDERWATER TO A DEPTH OF APPROX. 5 METERS (16 FT.).

Please Note:

- The interior of this camera is not water resistant.
  - Clean and dry the camera before opening the film and battery chambers.
  - Keep your hands clean and dry when inserting or removing film and batteries.
- Do not load film or replace batteries in places where water, blowing sand, or dust can enter the camera.
- Clean the gaskets and joining surfaces before closing covers.
- If the gaskets appear cracked or damaged, contact an authorized Minolta Service Facility to have them replaced.
- Wash salt water off the camera by immersing it in a small volume of fresh water. Do not wash the camera under running water.
- Do not use compressed air or a hair dryer to dry the camera.
- Do not jump or dive into the water while holding the camera
- Do not surf with the camera.
- Do not subject the camera to shock or impact.
- Never use the camera at depths greater than 5m (16 ft.).
- If the camera is extremely hot, do not expose it to water. It may leak causing irreparable damage.

OPERATING TEMPERATURE AND CONDITIONS

- This camera is designed for use from -10 to 40 °C (14 to 104 °F).
- Never leave your camera where it may be subjected to extreme temperatures such as inside the glove compartment of a car.
- At colder temperatures, the data panel response time may be slow. At higher temperatures the display may temporarily darken, but will restore when the temperature normalizes.
- To prevent condensation from forming inside the camera when bringing the camera from an extremely cold area to a warm area, let the camera come to room temperature before opening the film or battery chambers.
- When photographing in cold weather, keep the camera and spare batteries inside your coat to keep them warm when you are not shooting. Cold batteries will regain some of their charge when they warm up.

FILM CASSETTE WARNING

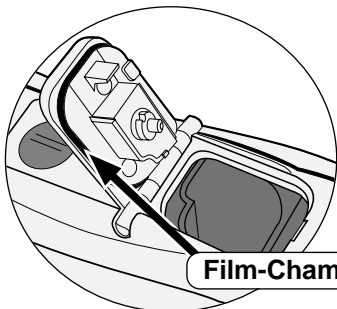
The film used in Advanced Photo System™ cameras stores some data magnetically. Do not place the film cassette on or near anything that creates a magnetic field, such as a television or stereo speakers.

CAMERA ERROR

If the camera will not function with a fresh battery, remove the battery, wait a few minutes, then reinsert it. If normal operation does not resume or the camera malfunctions repeatedly, contact an authorized Minolta Service Facility.

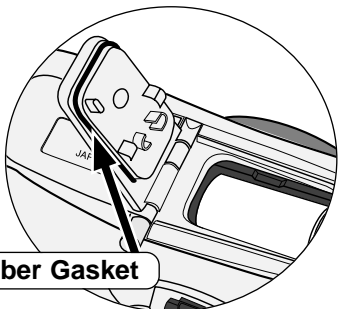
This mark on the bottom of your camera certifies that this camera meets the requirements of the EU (European Union) concerning interference causing equipment regulations. CE stands for Conformité Européenne (European Conformity).

MAINTENANCE OF THE FILM AND BATTERY CHAMBER GASKETS



Film-Chamber Gasket

Whenever the film and battery chambers are opened, inspect the gaskets and joining surfaces. Remove foreign matter from the gaskets with a clean dry cloth. If the gaskets show any signs of damage or wear such as brittleness, cracking, or discoloration, the camera may no longer be watertight. Take the camera to an authorized Minolta Service Facility to have the gaskets replaced. The camera may be irreparably damaged if it is exposed to moisture before the gaskets are replaced.



Battery-Chamber Gasket

The Minolta GX-4 is a waterproof Advanced Photo System™ camera designed to take pictures anywhere you go. Its housing is sealed to prevent entry of moisture and dust, so you can enjoy taking pictures on the ski slope, at the beach, or even underwater (approx. 5 m (16 ft.)).

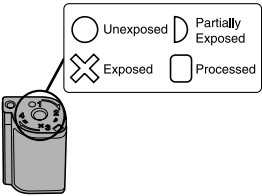
Before using your camera, familiarize yourself with the names and locations of the controls, then read the instructions carefully.

Your camera has been designed to be fully waterproof when used as described in the manual. However, careless handling may allow water to enter the camera causing permanent damage to internal parts. To obtain the best performance from your camera, observe all notes and cautions in the instruction manual.

Advantages of the Advanced Photo System

Easier to load...

Advanced Photo System cameras use the new IX240 type film. This new film features drop-in-loading to make loading your camera simple, the first time, every time. Indicators on the top of the cassette tell you if the film is unexposed, partially exposed, exposed, or processed.



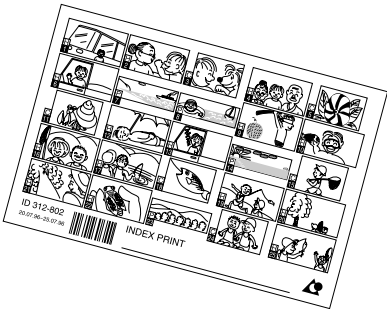
New print formats...

Classic C print, wider H print, and panorama P print formats are available with Advanced Photo System cameras.



New processing....

In addition to returning your prints in the format you selected, certified photofinishers will return your Advanced Photo System film in its original cassette with an index print. To order reprints, simply choose the images you want from the index print. No more searching through negatives to find the right frame.

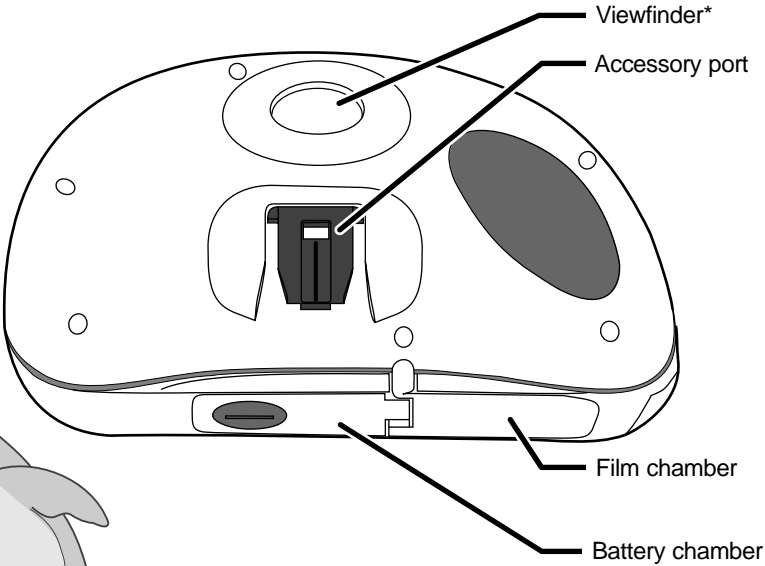
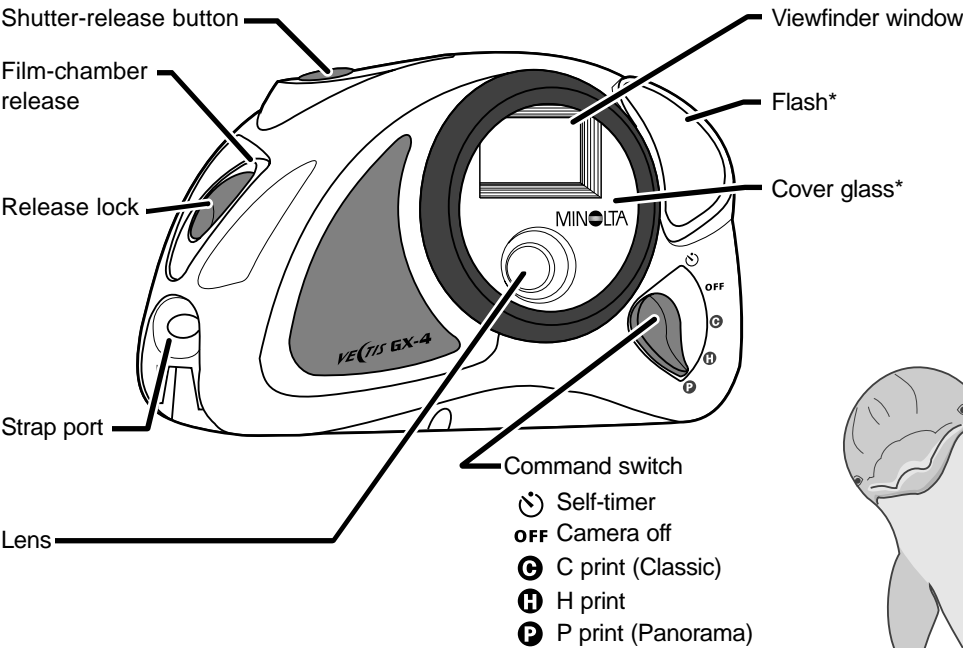


Advanced Photo System™ is a trademark of the five system developing companies.

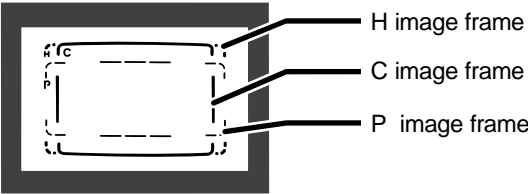
NAMES OF PARTS

Body

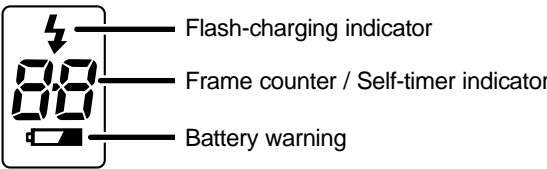
\* Do not touch



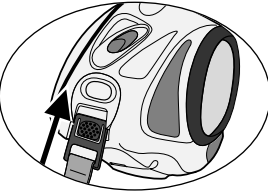
Viewfinder



Data Panel

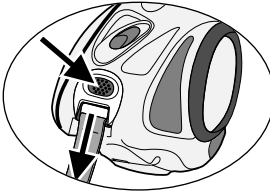


ATTACHING AND REMOVING THE STRAP



Attaching

Insert the strap tab into the strap port until it 'clicks'.  
• Tug on the strap to make sure it is secure.



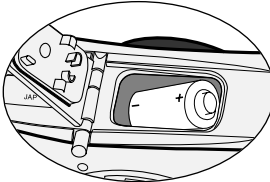
Removing

Press the strap release and pull the tab out of the strap port.

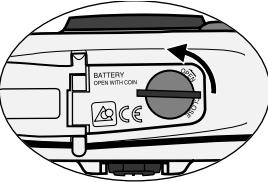
INSTALLING THE BATTERY

Your camera uses one 3-volt CR2 lithium battery to supply power for all camera operations.

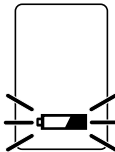
- Before opening the battery chamber, wipe all water, sand, and grit off of the camera.
- Do not open the battery chamber in places where water, blowing sand, or dust can enter the camera.
- Make sure the battery is clean and dry before inserting it into the camera.
- If film is in the camera when the battery is replaced, install a new battery immediately after removing the old battery. If the battery is not replaced immediately, your camera may advance one frame and display -- in the frame counter for the remaining exposures. The frame counter will return to normal operation when a new film cassette is loaded.



2. Insert a new battery into the chamber as indicated by the + and - marks.
3. Close the battery-chamber door and turn the battery-chamber lock to CLOSE.



1. Using a coin or similar object, turn the battery-chamber lock counter-clockwise until it stops, then open the battery-chamber door.




Battery Warning

Replace the battery

- If no display appears, replace the battery or make sure it is correctly installed.
- Do not remove the battery unless the battery warning blinks or no display appears in the data panel.
- If the data panel dims after the flash fires, the battery will need to be replaced soon.
- Your camera shuts down if it is not operated for more than three minutes. To restore power, turn the command switch to OFF, then back to P, H, C, or Self-timer.

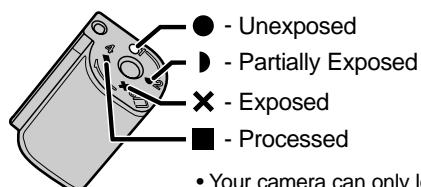
## LOADING FILM

Use ISO 200 IX240 (Advanced Photo System) film in this camera.

- Your camera's transport system loads the film and advances the film after each exposure.
- Do not open the film chamber unless  appears or all of the indicators blink in the data panel.
- Install the battery before loading the film, or the film will not advance to the first frame.
- We recommend you use ISO 200 film in this camera.

### Visual Exposure Indicators (VEI)

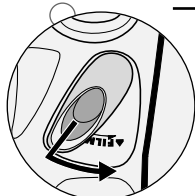
The current VEI has a white indicator behind it.



### Important – Before opening the Film Chamber

- Wipe all water, sand, and grit off of the camera.
- Make sure the film cassette is clean and dry before loading it into the camera.
- Do not load film in places where water, blowing sand, or dust can enter the camera.
- To prevent condensation from forming when bringing the camera from outdoors to indoors, let the camera come room temperature before opening the film or battery chambers.

### Loading Film



1. Turn the camera upside down, then slide the release lock and move the film-chamber release. The film-chamber door will unlock.

### 2. Open the film-chamber door and insert a new film cassette into the film chamber.

- If the film-chamber door will not open, internal pressure needs to be equalized. Open the battery chamber before opening the film chamber to release the pressure.
- If the film-chamber door sticks, open it with a pen or similar object.

### 3. Press the film-chamber door closed and move the film-chamber release as shown.

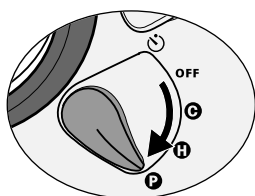
- The film cassette may be damaged if the film-chamber release is moved when the film-chamber door is open.

### 4. Set the command switch to C, H, or P.

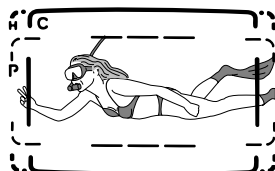
### 5. Press the shutter-release button. The film will advance to the first frame.

- The frame counter displays the number of exposures remaining on the roll.
- If all of the indicators in the data panel blink, the film has not loaded. Remove and reload the film cassette.

## TAKING PICTURES



1. Set the command switch to the desired print format.




2. Frame your subject(s) in the image frame for the selected print format.



Hold the camera as shown, making sure your fingers do not cover the flash. If you are taking a vertically framed picture, turn the camera so the flash is on top.

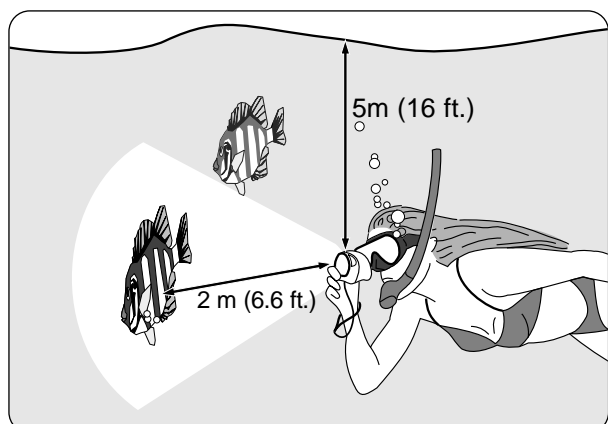
### 3. Press the shutter-release button to take the picture.

- Keep your subject at least 1.0 m (3.3 ft.) from the camera.
- With ISO 200 film, the flash has a range of 1.0 ~ 3.0 m (3.3 ~ 9.8 ft.) and will fire when necessary.
- Flash pictures can not be taken when  blinks in the data panel (flash charging).

 will appear in the data panel after the last exposure is taken. When the motor stops, open the film chamber and remove the film.

- Remove your film immediately after rewinding. Film left in the camera may reload causing double exposures.

## TAKING PICTURES UNDERWATER



Your camera can be used to a depth of approximately 5 m (16 ft.). Picture sharpness and flash range are affected by water clarity. We recommend you take pictures within 2 m (6.6 ft.) of your subject.

### Tips for better underwater pictures...

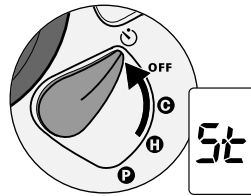
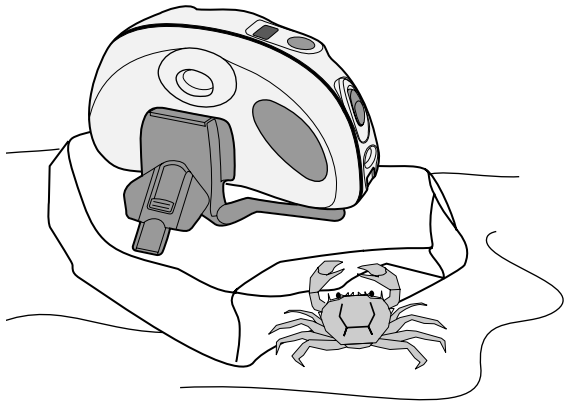
- Color pictures taken underwater tend to appear bluish, because water absorbs most of the red light. For best results, keep your subject within 2 m (6.6 ft.) of the camera.


## SELF-TIMER

The self-timer delays release of the shutter for approximately ten seconds.

- When the self-timer is selected, the flash will fire every time a picture is taken.
- The print format is set to H when the self-timer is selected.

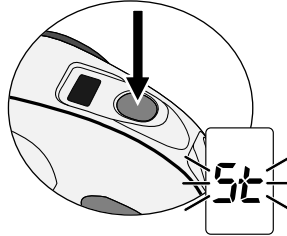
1. Mount the camera on the handy tripod (not included) and place on a level surface.



2. Set the command switch to .
- St will appear in the data panel.



3. Frame your subject(s) inside the H print image frame.




4. Press the shutter-release button all the way down to take the picture.
- St will blink in the data panel during countdown.

## LAB SERVICES



Take your film to a **Certified Advanced Photo System Photofinishing Service** to receive the best possible prints.

Certified photofinishers will provide the following services when you take your film in for processing.

1. **CHP - Print Format**  
Your film will be printed according to the format set when the picture was taken.
2. **Film is returned in the cassette.**  
Film will be returned in its original cassette and the VEI set to  to prevent accidental loading.
3. **Index Print**  
An index print with a numbered image of each frame is included with your returned order.

### REPRINTS

Images are always captured in the H Print format. However, any of the three formats can be selected when ordering reprints.

## CARING FOR YOUR CAMERA

### Cleaning

- If the camera body is dirty, wipe it clean with a soft, dry cloth.
- To clean the lens cover glass, brush away any dust or sand. If necessary, moisten a lens tissue with lens cleaning fluid and gently wipe the cover glass in a circular motion.
- Remove foreign matter from the gaskets and joining surfaces with a clean, dry cloth when the film and battery chambers are opened.
- Never use alcohol or solvents to clean the camera.

### Before Important Events

- Check camera operation carefully, or take test photographs.
- Minolta is not responsible for any loss that may occur due to an equipment malfunction.

### Storage

When storing the camera for extended periods,

- Store the camera in a cool, dry, well-ventilated area away from dust and chemicals. For longer periods, place the camera in an airtight container with a silica gel drying agent.
- Before using after prolonged storage, check the camera's operation to make sure it's functioning properly.

### Questions and Service

- If you have questions about your camera, contact your local camera dealer or write to the Minolta distributor in your area.
- Before shipping your camera for repair, contact an authorized Minolta Service Facility for details.

## TECHNICAL DETAILS

<b>Camera Type:</b>	Waterproof IX240 Lens Shutter Type
<b>Lens:</b>	27mm f/6.4 (approx. equivalent to 34 mm in the 35 mm format)
<b>Viewfinder Magnification:</b>	0.54X
<b>Focusing:</b>	Fixed 1.0m - ∞ (3.3 ft. - ∞)
<b>Exposure:</b>	Programmed AE
<b>Metering Range (ISO 200):</b>	EV 11 - 15
<b>Flash Range (ISO 200):</b>	1.0 ~ 3.0m (3.3 ~ 9.8 ft.)

<b>Battery:</b>	One CR2 3V lithium battery
<b>Battery performance:</b>	Approximately twenty, 25-exposure rolls (Based on Minolta's standard test method with flash on for 50% of the exposures.)
<b>Waterproof:</b>	IPX8 – waterproof to a depth of approx. 5m (16 ft.)
<b>Dimensions:</b>	134.5 x 78 x 48mm (5.3 x 3.1 x 1.9 in.)
<b>Weight (w/o battery):</b>	240g (8.46 oz.)

Specifications and accessories are based on the latest information available at the time of printing and are subject to change without notice.

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. Changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.