

# Operating Instructions

Sequential Switcher  
WJ-SQ208



**Panasonic®**

Before attempting to connect or operate this product, please read these instructions completely

# CONTENTS

PREFACE .....	1
FEATURES .....	1
PRECAUTIONS .....	1
MAJOR OPERATING CONTROLS AND THEIR FUNCTIONS .....	2
SYSTEM CONNECTION .....	3
SPECIFICATIONS .....	4

**CAUTION:**

For Canada

TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.



**CAUTION**

RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION:**  
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**Warning:**

For U.S.A

This equipment generates and uses radio frequency energy and if not installed and used properly, i.e., in strict accordance with the instruction manual, may cause harmful interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment.

For CANADA

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

The serial number of this product may be found on the bottom of the unit.  
You should note the serial number of this unit in the space provided and retain this book as a permanent record of your purchase to aid identification in the event of theft.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

**WARNING:**

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

## PREFACE

Panasonic sequential switchers are excellent accessories for multi-camera security systems. The WJ-SQ208 is a 8-input switcher.

This sequential switcher has a video output of sequential and spot .

The sequential output displays each camera in sequence : front panel indicators show which camera in sequence is being displayed. The spot monitor output permits manual selection of any camera for display on a second monitor ; when not used, this output automatically becomes sequential. Any camera switched to the "Spot monitor" position is still included in the switching sequence. A bypass switch allows any camera to be bypassed from the switching sequence.

This sequential switcher also has vertical interval switching for glitch free switching among synchronized cameras.

The length of time each camera is displayed during the sequence is manually adjustable from 1 to 30 seconds.

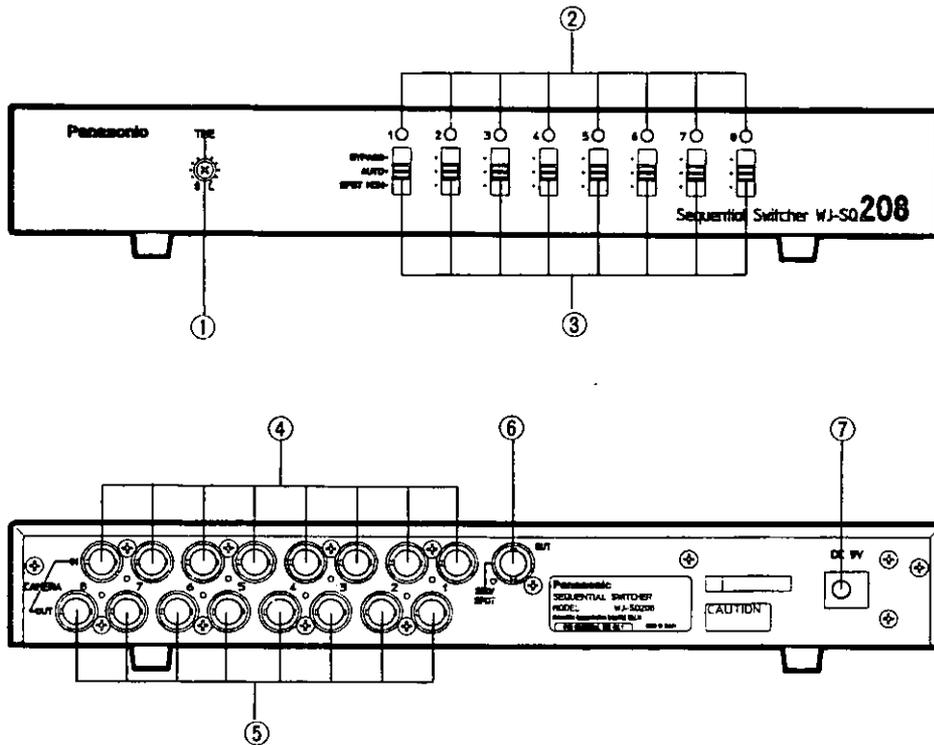
## FEATURES

1. Video output of sequential and spot.
2. Front panel indicators show which camera is being displayed.
3. Spot output for manual selection of any camera for display on a second monitor.
4. Spot output : when not used, automatically becomes sequential.
5. Any camera switched to the spot monitor position is still included in the switching sequence.
6. Bypass switch skips any camera from sequence.
7. Vertical interval switching for glitch free switching picture among synchronized cameras.
8. Switching interval manually adjustable from 1 to 30 seconds.
9. Loop-through video connector with automatic termination is provided.

## PRECAUTIONS

- Do not attempt to disassemble the instrument. In order to prevent electric shock, do not remove screws or covers. There are no user-serviceable parts inside. Do refer all servicing to qualified service personnel.
- Do not abuse the instrument. Avoid striking, shaking, etc. It could be damaged by improper handling or storage. Do handle the instrument with care.
- Do not use strong or abrasive detergents when cleaning the instrument body. Do use a dry cloth to clean the instrument when dirty. In case the dirt is hard to remove, use mild detergent and wipe gently.
- Do not expose the instrument to water or moisture, and do not operate in wet area. Do take immediate action if ever the instrument does become wet. Disconnect the power cord and refer servicing to qualified service personnel.  
Moisture can damage the instrument and also create the danger of electric shock.
- Be sure to disconnect the AC Adaptor from the AC outlet while this sequential switcher is not used.
- All necessary procedures with regard to the installation of this product should be made by qualified service personnel or system installers.
- Do not use the instrument in an extreme environment where high temperature or high humidity exist. Use the instrument under conditions where temperatures are within 14°F - 122°F (-10°C - +50°C), and humidity is below 95%.

# MAJOR OPERATING CONTROLS AND THEIR FUNCTIONS



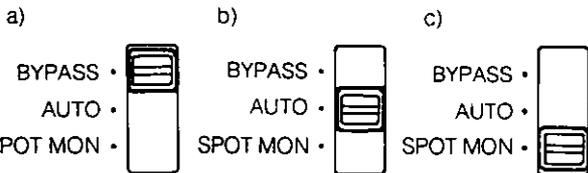
## 1. Time Control (S/L)

The sequential switcher's timing can be continuously changed from approx. 1 to 30 seconds by turning this control.

## 2. Sequence Output Indicators (1/2/3/4/5/6/7/8)

A lit lamp indicates that the signals of the corresponding camera are available at the Camera Output Connector.

## 3. 3-position Selection Switches (BYPASS/AUTO/SPOT MON)



### a) BYPASS mode

When this switch is set to the BYPASS position, the camera signal in this position will be skipped regardless of the presence of a video signal while the other camera signals will be fed out in sequence. In other words, the signal of that camera will not be fed out of Spot/ Sequential Output Connector (6). This function may be very convenient in cases where monitoring requirements vary from time to time.

### b) AUTO mode

When the switch is set to this position, the signal of the camera will be automatically in sequence regardless of the presence of a video signal from that source.

### c) SPOT mode

When the switch is set to this position, the signal of the camera in that position will be output from the Sequential/Spot Output Connector (6) so that this camera signal can be selectively monitored. During this time, sequence operation goes on and sequence outputs are fed out from the Sequential/Spot Output Connector (6). If two or more cameras are set in this mode, the signal of the lower numbered camera in this position will be used as output signal.

## 4. Camera Input Connectors (CAMERA IN)

These are used to connect the video output signals from cameras. When connected, the signals will be terminated at 75 ohms.

## 5. Camera Output Connectors (CAMERA OUT)

The video input signals connected to the Camera Input Connectors (8) are looped through to these connectors.

**6. Sequential/Spot Output Connector (SPOT/SEQ OUT)**

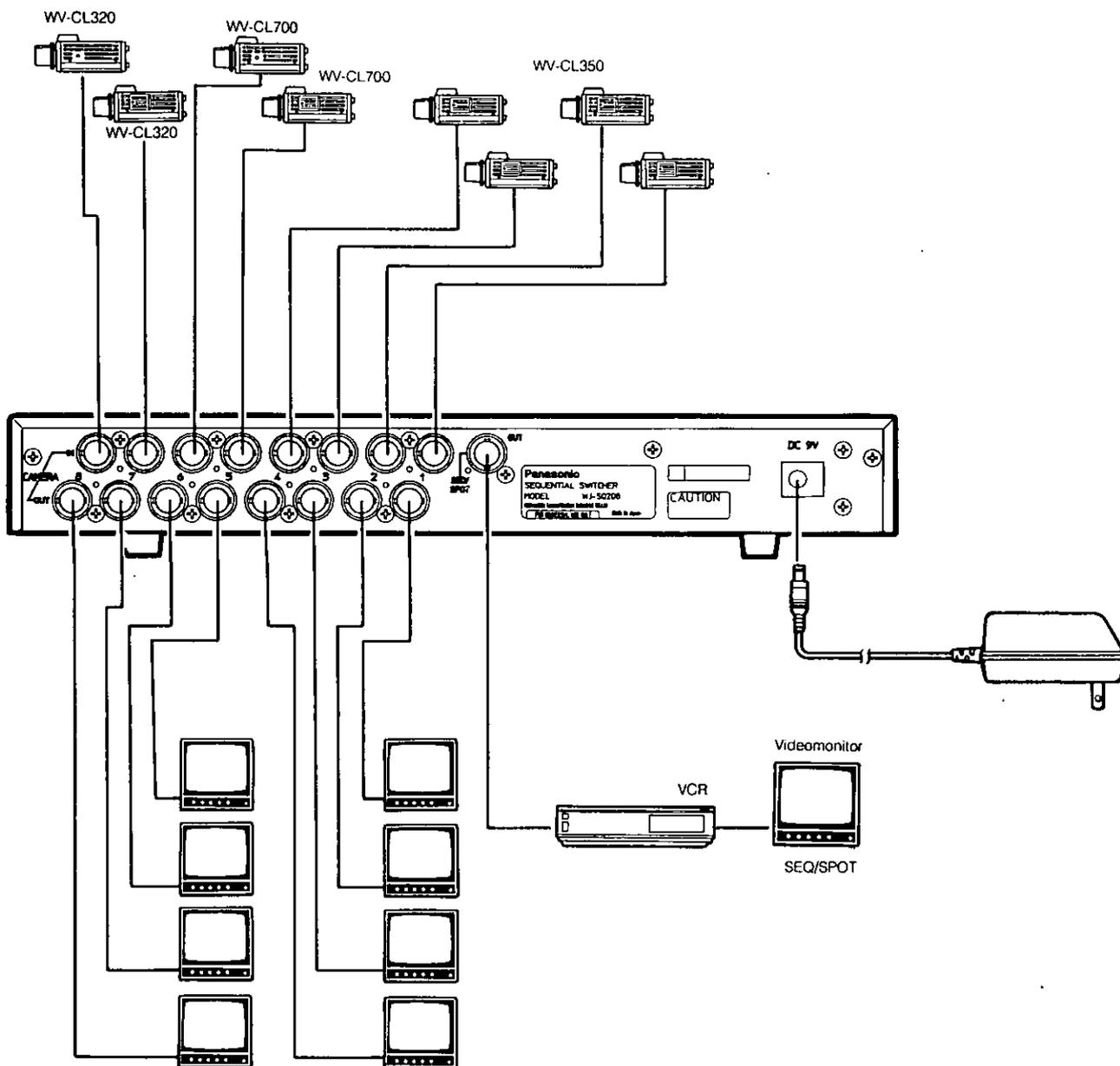
This is a sequential switcher output connector which always produces sequence outputs.

**7. Adaptor Connector (DC 9V)**

Connect an AC adaptor (supplied) to this connector.

**SYSTEM CONNECTION**

**Caution:** Keep the power switches all units in the OFF position during connections.



## **SPECIFICATIONS**

Camera Inputs :	1.0 Vp-p Composite / 75 ohms (BNC) x 8 with Loop-through Outputs
Camera Outputs :	Sequence / Spot Out
	1.0Vp-p Composite / 75 ohms (BNC) x 1
Frequency Response :	4 MHz $\pm$ 1 dB
Gain :	Unity
Switching Interval :	Approx. 1 to 30 sec.
Power Source :	DC 9V with provided AC Adaptor
Ambient Operating Temperature :	+14°F to +122°F (-10°C to +50°C)
Dimensions (W x H x D) :	13" x 1-3/4" x 7-7/8" (330 x 44 x 200 mm)
Weight :	4.2 lbs. (1.9 kg)

Dimensions and weights are approximate.  
Specifications are subject to change without notice.

## **ACCESSORY**

AC Adaptor .....1 pc.



# Panasonic

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