

Panasonic

Video Teleconferencing System

Camera

Model No. **KXC-CM780**

OPERATING INSTRUCTIONS

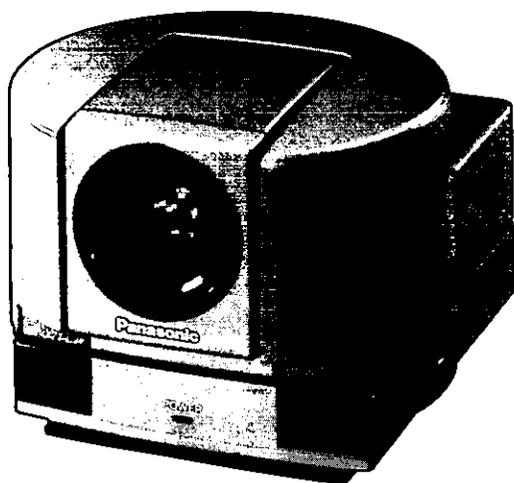


Table of Contents

Accessories	2
Precautions	3
Connection	4
Location of the Controls	6
Troubleshooting	8
Specifications	9
Limited Warranty	10
Service Directory	11

Please read Operating Instructions before using the unit and save them for future reference.

**Thank you for purchasing the Panasonic
"Video Teleconferencing System".**

Federal Communications Commission Requirements

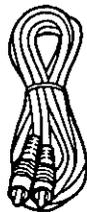
NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Warning:

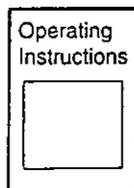
To assure continued FCC emission limit compliance, the user must use only the provided Camera Control Cable, RCA Video Cable and Camera DC Cable. All other user-provided interface cables must be shielded. Also, any unauthorized changes or modifications to this equipment will void the user's authority to operate this device.

Accessories

Please check the supplied accessories.



RCA Video Cable



Operating Instructions

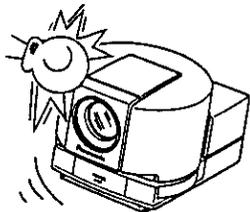


Velcro fasteners × 2

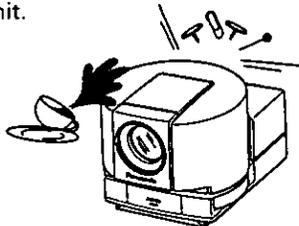
Precautions

The following precautions are recommended to extend the life of the unit.

Do not shock the unit.

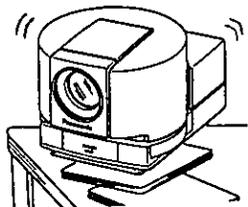


Do not allow liquids to spill into the unit. Do not insert sharp objects into the unit.

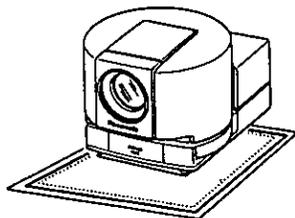


Do not use the unit under the following conditions.

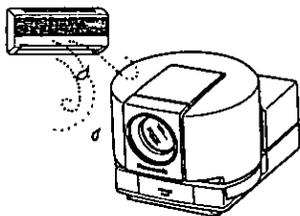
Do not place the unit on an uneven or unstable surface.



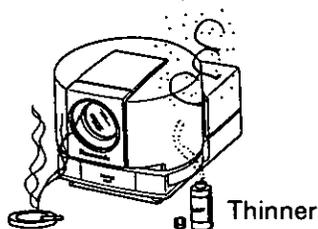
Do not place the unit on a carpet.



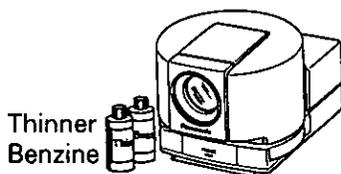
Do not place the unit near a heating appliance or an air conditioning vent. Do not place the unit in a room with extremely high or low humidity.



Do not place the unit in an area where there is a lot of smoke, dust, chemical fumes, or vibration.

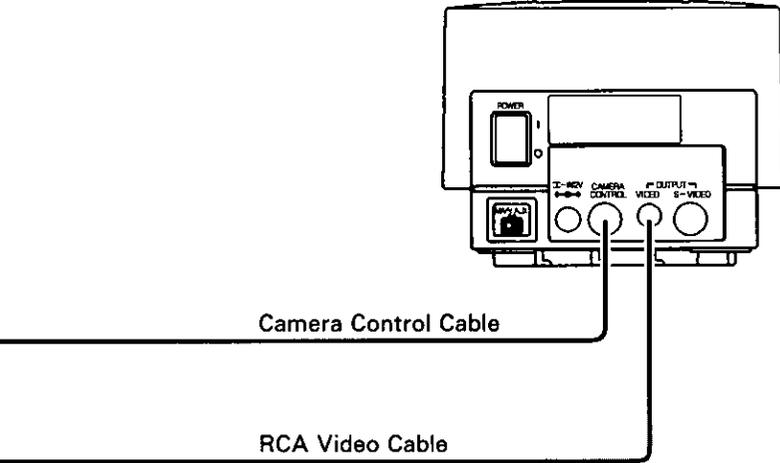


Do not wipe the unit with volatile liquids.

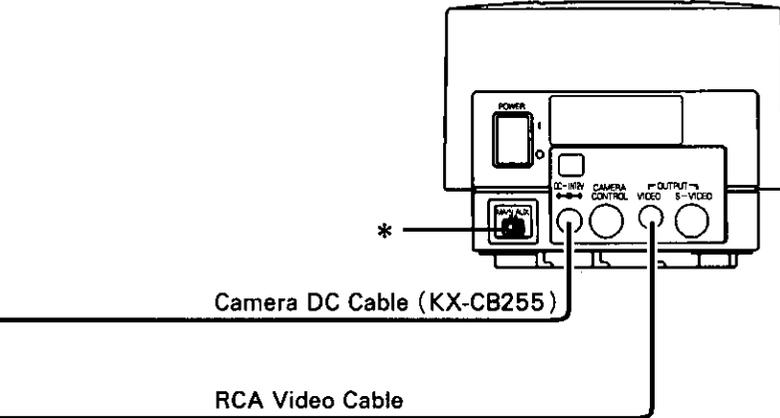


WARNING : To prevent fire or shock hazard, do not expose this product to rain or moisture.

Main Camera



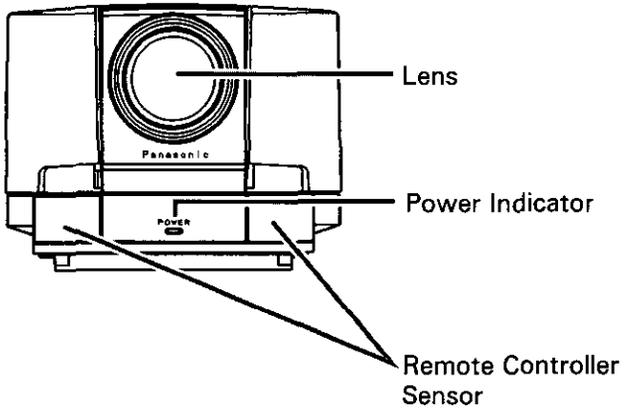
Aux Camera (Option)



* When you use as Aux Camera, set the selector switch to the Aux.

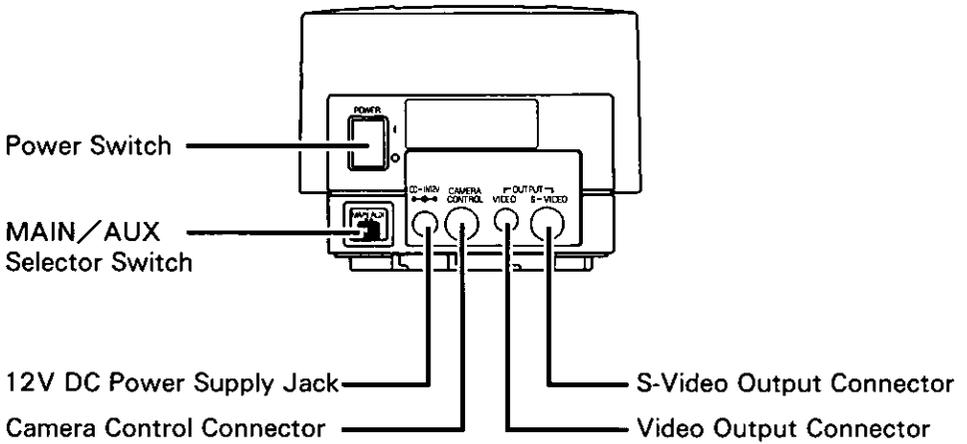
Location of the Controls

Front View



Location of the Controls

Rear View



Troubleshooting

Problem	Causes	Measures
The power supply does not turn on.	The camera control cable has come loose.	Connect the camera control cable properly.
	The DC jack is unplugged. (When you use as AUX camera.)	Plug in the DC jack properly. (When using as AUX camera.)
The wireless remote controller does not work.	There are no batteries in the wireless remote controller, or the batteries have run out.	Insert batteries properly or replace them.
	The infrared beam from the remote controller is not striking the remote controller sensor of the camera properly.	Aim the wireless remote controller directly at the remote controller sensor of the camera.
	The MAIN/AUX selector switch on the wireless remote controller is set to "AUX".	Set the selector switch to the "MAIN" side.
There is no picture on the monitor.	The cable is not firmly attached to the Video Output connector.	Connect the Video Output properly.
The video cannot record.	The S-Video/Video cables are not connected properly.	Connect the S-Video/Video cables properly.

Specifications

Item	Specifications
CCD Type	1/4" COLOR CCD Effective Pixels : 768×494 (H×V)
Focus	Auto/Manual
Video output	Composite (Typ. : 1.0Vpp 75Ω, Based on NTSC) S-Video (Y/C)
Control method	Wireless Remote Controller and RS-232C Port
Panning angle	±100°
Tilting angle	+15° to -87°
Horizontal resolution	440 TV lines
Zoom range	10× Focus Length : Telescope 100cm or more : Wide 5cm or more
Max. horizontal field of view	51°
Preset position	10 point (including document position)
Min. illumination	15 lux
Control interface	RS-232C
Dimension	141(W)×114(H)×178(D)mm 5 ⁹ / ₁₆ " × 4 ¹ / ₂ " × 7"
Weight	1.5kg (3.3lbs)
DC Operating Voltage	DC 12V (1.0A Max.)
Power consumption	12W
Operating conditions	5°C~35°C temperature • 30%~80% humidity

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Industrial Park, Carolina, Puerto Rico 00985

PANASONIC

Video Teleconferencing System (VTS) Products

Limited Warranty

Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor") will repair this product with new or refurbished parts, free of charge, in the USA or Puerto Rico for one (1) year from the date of original purchase in the event of a defect in materials or workmanship.

This Limited Warranty Excludes both Labor and Parts for: cosmetic parts (cabinet).

Carry-in or mail-in service in the USA or Puerto Rico can be obtained during the warranty period by contacting a Panasonic Services Company (PASC) Factory Servicenter listed in the Servicenter Directory. Or call, toll free, 1-800-211-7262 to locate a PASC authorized Servicenter. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the Panasonic Sales Company telephone number listed in the Servicenter Directory.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in materials and workmanship which occur during normal use. The warranty does not cover damages which occur in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, set-up adjustments, improper operation or maintenance, alteration, modification, introduction of sand, humidity or liquids, power line surge, improper voltage supply, lightning damage, signal reception problems, or service by anyone other than a PASC Factory Servicenter or a PASC authorized Servicenter, or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.

THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Customer Satisfaction Center at the company address indicated above.

Service Directory

Panasonic

For Product Information, Operating Assistance, Literature Request, Dealer Locations, and all Customer inquiries please contact:

800-211-PANA(7262), Monday-Friday 9am-9pm Saturday-Sunday
9am-7pm, EST.

Web Site: <http://WWW.Panasonic.com>

You can purchase parts, accessories or locate your nearest servicer by visiting our Web Site.

Product Repairs

*Panasonic Services Company
Factory Servicer*

8655 Roswell Road, Suite 200
Atlanta, GA 30350

Service in Puerto Rico

Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company/Factory Servicer:

Ave. 65 de Infanteria, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985

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This Operating Instructions is printed on recycled paper.

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Printed in Japan

**F0399S0
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