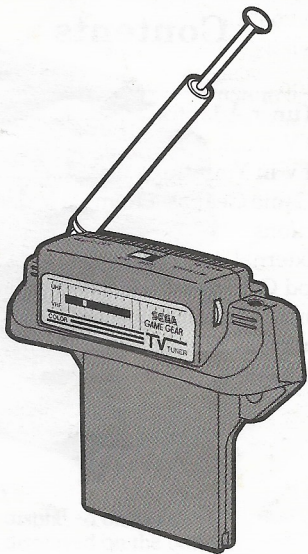


SEGA™
GAME GEAR™
COLOR PORTABLE VIDEO GAME SYSTEM

TV Tuner Adaptor

Instruction Manual



This device complies with Part 15 of the FCC Rules.
Operation is subject to the condition that this device

- does not cause harmful interference.

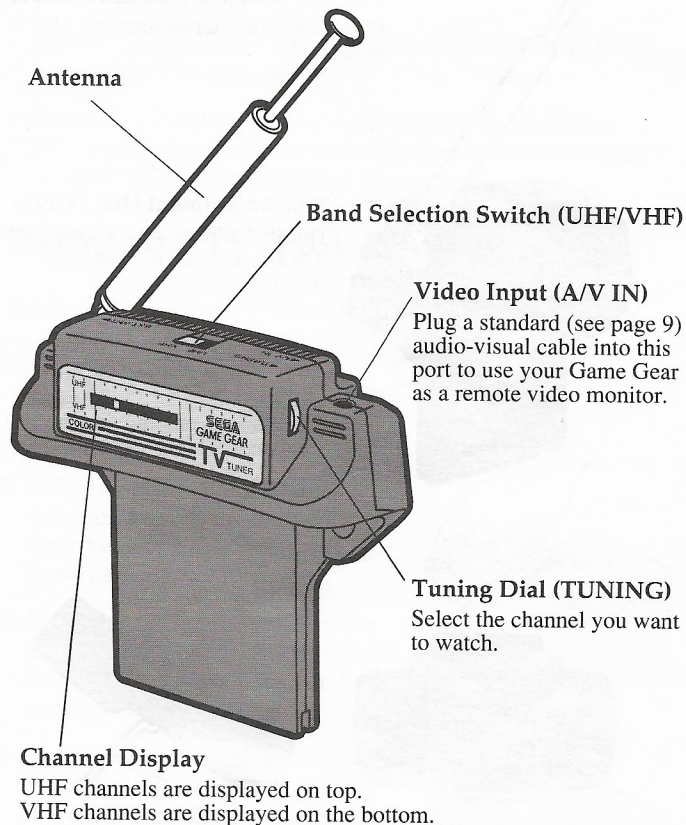
Congratulations on your purchase of this Sega Game Gear TV Tuner Adaptor.

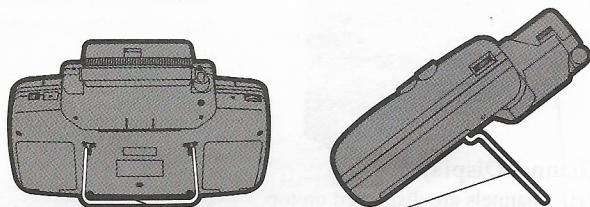
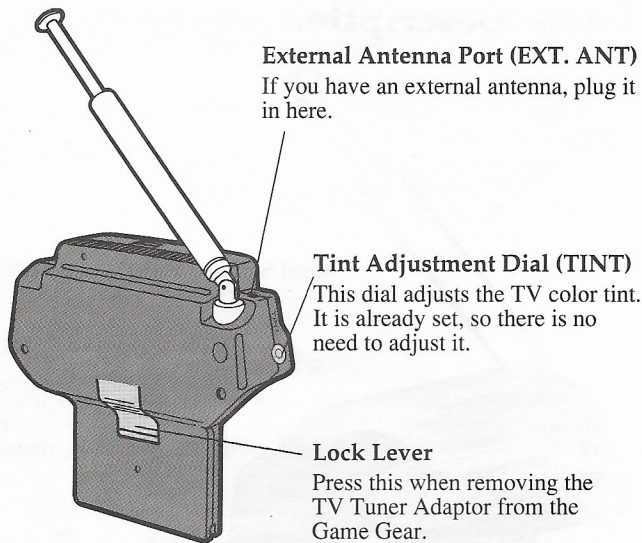
In order to use all of the TV Tuner Adaptor functions properly, please read this instruction manual carefully before using your TV Tuner Adaptor. This TV Tuner Adaptor is for use in the Sega Game Gear only.

Contents

Parts Description	3
Using the TV Tuner Adaptor	5
Watching TV	6
Watching TV in Your Car	7
Using the Game Gear as a Remote Video Monitor.....	9
Special Instructions	
Using an External Antenna	10
Taking Good Care of the TV Tuner Adaptor	10
Troubleshooting Chart	11
Limited Warranty.....	14

Parts Description





Backstand

Place this stand on the back of the Game Gear to prop it up for comfortable TV viewing.

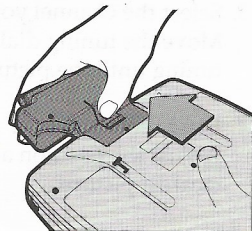
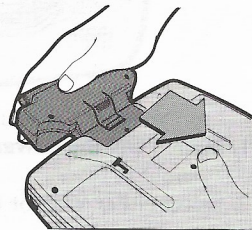
With the Game Gear TV Tuner Adaptor you can do the following:

- Attach it to the Game Gear unit to receive UHF or VHF TV broadcasts. (See page 6).
- Use with a standard audio/video cable (resistance-free, sold separately) to use the Game Gear as a remote monitor for your VCR or video camera. (See page 9).

Using the TV Tuner Adaptor

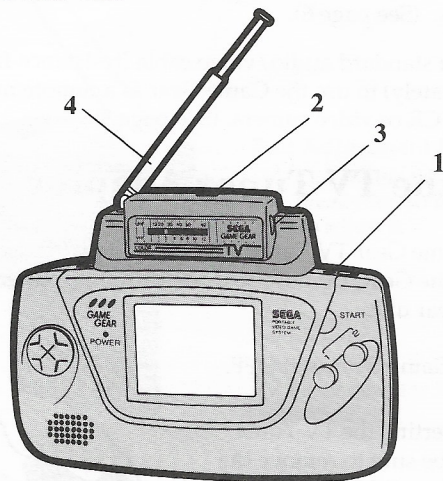
The Sega Game Gear TV Tuner Adaptor is only for use with the Sega Game Gear. Do not use it with anything other than the Game Gear unit.

1. Turn the Game Gear unit OFF.
2. Before inserting the TV Tuner Adaptor, be sure to remove the Gear-to-Gear Cable™ and any game cartridge.
3. Insert the TV Tuner Adaptor into the Game Gear cartridge slot. Push the TV Tuner Adaptor in firmly until you hear it click into place.
4. To remove the TV Tuner Adaptor, press the lock lever while pulling the TV Tuner Adaptor straight out of the Game Gear.



Watching TV

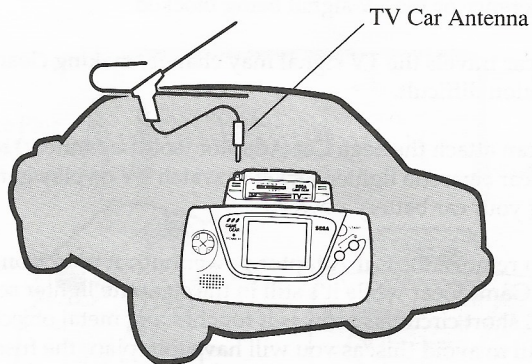
Adjust the brightness and sound volume using the controls on the Game Gear unit.



1. Switch ON the power on the Game Gear.
2. Select either VHF or UHF.
3. Select the channel you want to watch.
Move the tuning dial as you watch the screen and adjust the tuning until the picture becomes clear.
4. Extend the antenna.
Adjust the position and angle of the antenna to find the clearest picture.

Watching TV in Your Car

You will need a special TV car antenna (sold separately) for good reception in your car.



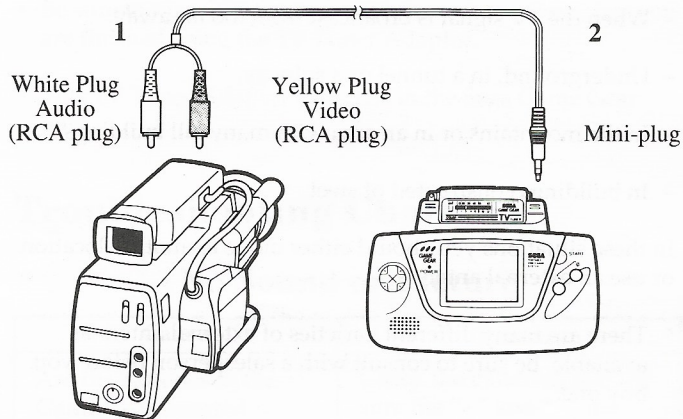
Attach the TV car antenna to the TV Tuner Adaptor by plugging it into the external antenna port.
Also, please read the instructions for your TV car antenna.

Special Notes:

- Avoid accidents. Don't use the Game Gear or TV Tuner Adaptor while driving!
- Reception may be poor in some locations, due to electrical interference or the TV signal being blocked.
- As a car travels the TV signal may change, making clear reception difficult.
- You can attach the Sega Car Adaptor (sold separately) to your car cigarette lighter socket to watch TV or play games using your car battery power.
- If you remove the Car Adaptor power output plug from your Game Gear while it's still in the cigarette lighter socket, it will short circuit as soon as it touches any metal object. Be careful to avoid this, as you will have to replace the fuse on the Car Adaptor.

Using the Game Gear as a Remote Video Monitor

You will need a standard audio/video cable (resistance-free, sold separately) to attach to your Game Gear as shown below.



1. Insert the audio/video cable into your video camera or VCR. If your video equipment does not have a regular AV output, you will need a special adaptor.
2. Insert the audio/video cable into the video input of the TV Tuner Adaptor.

* Also refer to the instruction manual for the video equipment you are using.

Special Instructions

Using an External Antenna

In situations like the ones described below, it is difficult to receive good TV reception:

- When the TV signal is broadcast from too far away.
- Underground, in a tunnel or a subway.
- In the mountains or in an area with many tall buildings.
- In buildings constructed of steel.

In these situations you should either move to another location or use an external antenna.

- * There are many different varieties of external antennas available. Be sure to consult with a salesperson before you buy one.

Taking Good Care of the TV Tuner Adaptor

- The Game Gear TV Tuner Adaptor is a precision electronic instrument. Do not try to take it apart, reassemble or modify it. Also, avoid dropping, throwing, or giving any kind of shock to the Game Gear or TV Tuner Adaptor.
- When extending or restoring the antenna, take great care not to damage it.

- Extremely hot or cold temperatures can damage the TV Tuner Adaptor. Be especially careful not to leave it unattended in a car for long periods of time.
- Clean with a soft dry cloth. Never use soap or chemicals to clean the TV Tuner Adaptor. If it becomes extremely dirty, clean it very carefully using a damp cloth.
- Be sure to turn OFF the power on your Game Gear after you are finished using the TV Tuner Adaptor.
- This TV Tuner Adaptor is for use in the Sega Game Gear only.

Troubleshooting Chart

No Sound or Picture

Cause	Remedy
Are the batteries in the Game Gear inserted correctly?	Check the batteries, making sure the "+" and "-" are lined up properly.
Are the batteries dead?	Replace all the batteries.
If you are using a Battery Pack, does it need to be recharged?	Recharge the Battery Pack.
If you are using a Battery Pack, AC Adaptor, or Car Adaptor, is it plugged in?	Plug it in correctly.

No Picture

Cause	Remedy
Is the antenna extended?	Pull out the antenna.
Is the brightness control set correctly?	Adjust the brightness control on the Game Gear.
Have you selected the VHF or UHF frequency you want?	Check the band selection switch.
Is the TV broadcast signal too weak to receive?	Move to another location, or use an external antenna.

No Sound

Cause	Remedy
Is the volume control set too low?	Adjust the volume on the Game Gear.
Are headphones connected to the Game Gear?	No sound comes through the speaker when headphones are used. Unplug them.

Picture Not Clear

Cause	Remedy
Is the tuning dial set correctly on the channel you want to watch?	Adjust the tuning dial.
Is the TV broadcast signal too weak to receive?	Move to another location, or use an external antenna.

Lines Appear on the TV Screen

Cause	Remedy
Is the TV broadcast signal too weak to receive?	Move to another location, or use an external antenna.
Is someone nearby using a hair drier, vacuum cleaner, or anything with an electric motor?	Turn off the interfering machine, or move the Game Gear away from it.
Is someone nearby broadcasting with an amateur, FM or short wave radio?	The other signal is interfering with your reception. Move to another location.

Picture Not Clear, Double Images Appear on the TV

Cause	Remedy
Is the antenna extended and adjusted properly?	Extend the antenna and adjust the angle for a better picture.
Are you in the mountains, in an area with tall buildings, or a place TV signals cannot reach?	Move to a better location or use an external antenna.

Limited Warranty

Sega of America, Inc., warrants to the original consumer purchaser that the Sega TV Tuner Adaptor and all component parts shall be free from defects in material and workmanship for a period of ninety days from the date of purchase. If a defect covered by this limited warranty occurs during this 90-day warranty period, Sega will repair or replace the defective system or component part, at its option, free of charge.

This limited warranty does not apply if the defects have been caused by negligence, accident, unreasonable use, modification, tampering, or any other causes not related to defective materials or workmanship. Additionally, this warranty shall not be valid if the serial number of the TV Tuner Pack System unit has been altered, defaced, or removed in any way.

To receive warranty service, call the Sega Consumer Service Department at :

1-800-USA-SEGA

DO NOT RETURN YOUR SEGA TV TUNER ADAPTOR TO YOUR RETAIL SELLER. Return the system to Sega Consumer Service only. Please call first for further information.

If the Sega technician is unable to solve the problem by phone, we will provide you with instructions on returning your defective system to us. The cost of returning the system to Sega's Service Center shall be paid by the purchaser.

Repairs After Expiration of Warranty

If your Sega TV Tuner Adaptor requires repairs after expiration of the 90-day limited warranty period, you may contact the Sega Consumer Service Department at the number listed above. If the technician is unable to solve the problem by phone, he will advise you of the estimated cost of repair. If you choose to have the repair done, you will need to return the defective merchandise, freight prepaid and insured against loss or damage, to Sega's Service Center with an enclosed check or money order payable to Sega of America, Inc. for the amount of the cost estimate provided to you by the technician. If, after inspection, it is determined that your system cannot be repaired, it will be returned to you and your payment will be refunded.

Limitations on Warranty

Any applicable implied warranties, including warranties of merchantability and fitness for a particular purpose, are hereby limited to ninety days from the date of purchase and are subject to the conditions set forth herein. In no event shall Sega of America, Inc., be liable for consequential or incidental damages resulting from the breach of any express or implied warranties.

The provisions of this limited warranty are valid in the United States only. Some states do not allow limitations on how long an implied warranty lasts, or exclusion of consequential or incidental damages, so the above limitation or exclusion may not apply to you. This warranty provides you with specific legal rights. You may have other rights which vary from state to state.

Compliance With FCC Regulations

The Sega Game Gear TV Tuner Adaptor 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. The Sega TV Tuner Adaptor 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 the Sega TV Tuner Adaptor does cause harmful interference to radio or television reception, which can be determined by turning the Sega TV Tuner Adaptor 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 Sega TV Tuner Adaptor and the receiver.
- Plug the Sega TV Tuner Adaptor into 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.

Changes or modifications to this unit not expressly authorized by Sega could void the user's authority to operate this device.

SEGA™

Game Gear and Gear-to-Gear Cable are trademarks
of Sega Enterprises, Ltd.

© 1991 Sega 130 Shoreline Drive, Redwood City, CA 94065

Printed in Japan <672-0424>