

Designed for Panasonic DVD Home Theater Sound Systems that are compatible with the SH-FX85.

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully.

Before connecting, operating or adjusting this product, please read the instructions completely.

Please keep this manual for future reference.

System	SH-FX85
Digital transmitter	SH-FX85T
Wireless sound system	SB-FX85

Table of Contents

Introduction

IMPORTANT SAFETY INSTRUCTIONS.....	3
Maintenance.....	3
Product Service.....	3

Use

Setup.....	4
Connections	4
Control reference guide.....	6
Enjoying audio from the home theater unit.....	6
Using this unit as a stand-alone audio amplifier.....	7
To enjoy audio from an external device	7
To use the iPod®	7

Reference

Limited Warranty (ONLY FOR U.S.A.).....	8
Limited Warranty (ONLY FOR CANADA)	10
Troubleshooting guide	11
Specifications	12

Accessory

Please check and identify the supplied accessory. Use number indicated in parentheses when asking for replacement part. (Product number correct as of January 2007. This may be subject to change.)

For U.S.A.: To order this accessory, refer to “Accessory Purchases” on page 9.

For Canada: To order this accessory, call the dealer from whom you made your purchase.

- 1 **AC power supply cord** (K2CB2CB00018)
For use with this unit only. Do not use it with other equipment. Also, do not use cords for other equipment with this unit.

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE,

- DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
- USE ONLY THE RECOMMENDED ACCESSORIES.
- DO NOT REMOVE THE COVER (OR BACK); THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION!

DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.

**CAUTION**

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE SCREWS. 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.

THE FOLLOWING APPLIES ONLY IN THE U.S.A.**FCC 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 receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC caution: To maintain compliance with FCC regulations, shielded interface cables must be used with this equipment. Operation with non-approved equipment or unshielded cables may result in interference to radio and TV reception. Any changes or modifications not approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment 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.

Responsible Party:

Panasonic Corporation of North America
One Panasonic Way
Secaucus, NJ 07094

Support Contact:

Panasonic Consumer Electronics Company
Telephone No.: 1-800-211-7262

**WARNING:**

To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

THE FOLLOWING APPLIES ONLY IN CANADA

This device complies with RSS-210 of the IC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference,
- (2) This device must accept any interference received, including interference that may cause undesired operation of the device.

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) 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 are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as 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.



- If you see this symbol-

Information on Disposal in other Countries outside the European Union



This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

The socket outlet shall be installed near the equipment and easily accessible. The mains plug of the power supply cord shall remain readily operable. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from AC receptacle.

Maintenance

Clean this unit with a soft, dry cloth.

- Never use alcohol, paint thinner or benzine to clean this unit.
- Before using chemically treated cloth, carefully read the instructions that came with the cloth.

Product Service

1. **Damage requiring service**—The unit should be serviced by qualified service personnel if:
 - (a) The AC power supply cord or AC adaptor has been damaged; or
 - (b) Objects or liquids have gotten into the unit; or
 - (c) The unit has been exposed to rain; or
 - (d) The unit does not operate normally or exhibits a marked change in performance; or
 - (e) The unit has been dropped or the cabinet damaged.
2. **Servicing**—Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
3. **Replacement parts**—When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.
4. **Safety check**—After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

The servicer will require all components to service your system. Therefore, should service ever be necessary, be sure to bring the entire system.

Product information

For product information or assistance with product operation:

In the U.S.A., refer to "Customer Services Directory" on page 9. In Canada, contact the Panasonic Canada Inc. Customer Care Centre at 1-800-561-5505, or visit the website (www.panasonic.ca), or an authorized Servicentre closest to you.

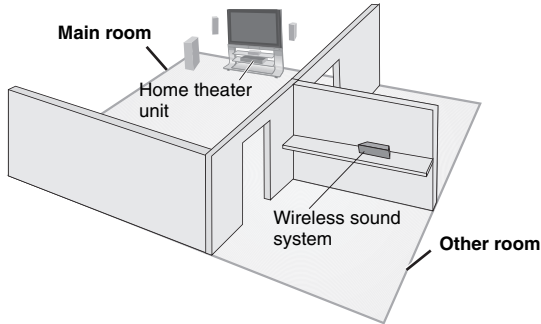
Setup

Preparation

- Turn off all equipment before connection and read the appropriate operating instructions.
- **Connect the AC power supply cord after all other connections are complete.**

■ Wireless setup diagram

e.g.



Place the wireless sound system within approximately 30 m (98 ft) from the home theater unit.

Note

- Do not use the wireless sound system and digital transmitter in a metal cabinet or bookshelf.
- Depending on your wall thickness and material, the operating range may be reduced.
- You can use up to 3 wireless sound systems at the same time, in different rooms.

To avoid interference, maintain the following distances between the wireless sound system and other electronic devices that use the same radio frequency (2.4 GHz band).

Wireless sound system



Wireless LAN:
approx. 2 m (6-1/2 ft)



Cordless phone and other
electronic devices:
approx. 2 m (6-1/2 ft)

The wireless sound system will automatically seek a clear channel if any of these other devices interfere with its communication.

When this happens, the wireless link indicator [e.g. "W2" (SC-PTX7: "W1")] flashes on the home theater unit, and there is a brief interruption in audio coming from the wireless sound system.

This is the normal operation of the product working to assure the best possible performance of your home theater unit.

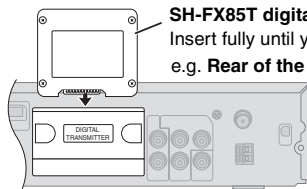
If the interference persists, try moving the other devices to another location outside the range of the wireless sound system, or move the wireless sound system nearer to your home theater unit.

Connections

■ Digital transmitter

Refer also to the operating instructions for your home theater unit.

Do not insert or remove while the home theater unit is on.



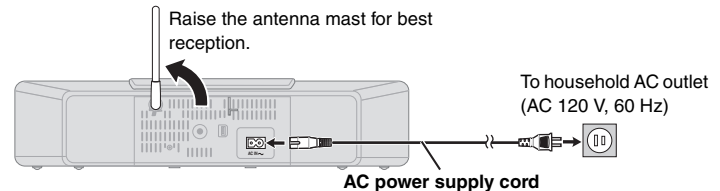
SH-FX85T digital transmitter

Insert fully until you hear a click.

e.g. **Rear of the home theater unit**

- For users using the SH-FX65T transmitter card, replace it with the SH-FX85T. Store your SH-FX65T transmitter card in a cool dry place for later use.

■ AC cord



Raise the antenna mast for best reception.

AC power supply cord

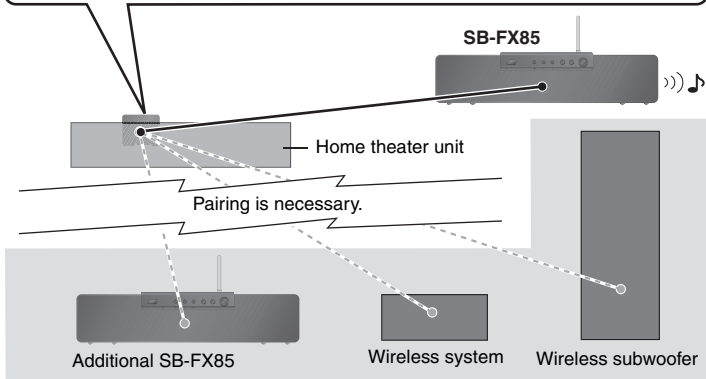
■ To use your existing Panasonic wireless accessories together with your SH-FX85

You can use your existing Panasonic wireless accessories (not included) together with your SH-FX85 on the same home theater system.

e.g.

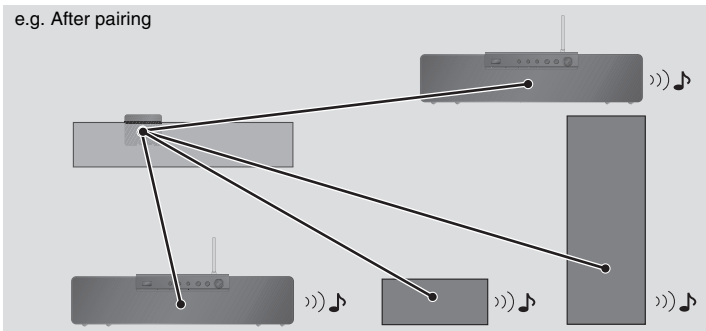
Use only the SH-FX85T transmitter card.

The SB-FX85 wireless sound system is originally paired to work with the SH-FX85T transmitter card that comes along with it. For any other accessories to work with the SH-FX85T transmitter card in use, pairing is necessary.



Wireless accessories (Keep the transmitter cards of these accessories.)

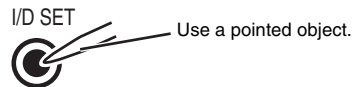
e.g. After pairing



Preparation

- Make sure to connect the AC power supply cords of your wireless accessories.
- Turn on the home theater unit and reduce the volume.

- 1 Turn on the wireless accessories.
- 2 While pressing [▶▶/▶▶] on the home theater unit, press the numbered button [3] on the remote control until "P" lights in the home theater unit's display.
- 3 While "P" is displayed, press [I/D SET] on the rear of each of your wireless accessories.



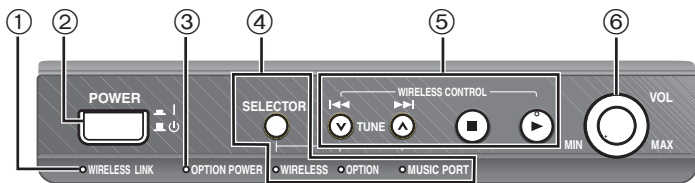
- If "P" goes off before you press [I/D SET], repeat step 2 and then continue the procedure.
- 4 While pressing [▶▶/▶▶] on the home theater unit, press the numbered button [3] on the remote control.
 - 5 Turn off and on your wireless accessories.
 - The corresponding wireless link indicators ("W1", "W2", or "WS") light on the home theater unit.

Note

- If you should change the transmitter card, repeat the above steps to pair each of your wireless accessories with it.
- You cannot use the wireless sound system with SH-FX65T transmitter card.

Control reference guide

The front of the wireless sound system:



① WIRELESS LINK indicator

Lights when the wireless link is active.

② Unit on/off button [POWER] I,

Use this button to turn the unit on and off.

I: The unit is on. : The unit is off.

③ OPTION POWER indicator

Lights during iPod charging on this unit.

④ Input selector [SELECTOR], input indicators

Select an audio input for this unit.

WIRELESS: To enjoy audio from your home theater unit.

OPTION: To enjoy audio from the iPod via OPTION V.1 terminal on the wireless sound system.

MUSIC PORT: To enjoy audio from the external device via MUSIC PORT terminal on the wireless sound system.

⑤ WIRELESS CONTROL buttons

(Works only when "WIRELESS" input is selected.)

Buttons	Audio source		
	Tuner	Disc	iPod
TUNE	To select preset radio stations/channels	Press to skip.	(During play/pause) Press to skip.
	—	To stop	To pause
	—	To play	To play

⑥ Volume control (MIN: lowest volume, MAX: Highest volume)

Turn to adjust the volume of the wireless sound system.

Conserving power

The wireless sound system consumes a small amount of power, even when it is turned off (approx. 4.5 W). To save power when the unit is not to be used for a long time, unplug it from the household AC outlet.

Enjoying audio from the home theater unit

While using the home theater unit in the main room, the wireless sound system can play its audio in the other room.

Preparation

- Reduce the volume of the wireless sound system.
- Select your desired source from your home theater unit with the [2ND SELECT] on your remote control. Refer to the operating instructions of your home theater for operation details.

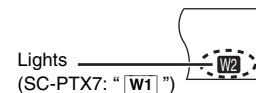
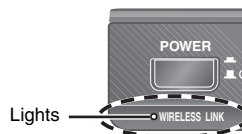
1 While your home theater unit is on
Press [POWER] to turn the wireless sound system on. (→ left: ②)

2 Press [SELECTOR] repeatedly to select "WIRELESS" input.
(→ left: ④)

3 Check the wireless link.

On the wireless sound system:

e.g. On the home theater unit's display



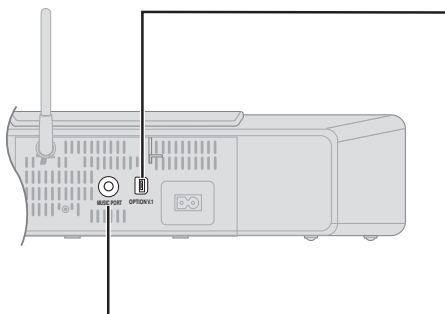
4 Adjust the volume of the wireless sound system.

- You can control play with the WIRELESS CONTROL buttons on this unit (→ left: ⑤).
(When the source follows to the main room's, controlling of these buttons will also affect the main room's playing source.)

Note

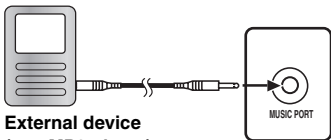
The volume controls of the home theater unit and the wireless sound system work independently.

Using this unit as a stand-alone audio amplifier



To enjoy audio from an external device

- To avoid distorted sound, make sure that any equalizer function of your external device is turned off.
- Reduce the volume of the wireless sound system before connecting.
- Plug type: $\varnothing 3.5$ mm ($\frac{1}{8}$ ") stereo mini plug



External device
(e.g. MP3 player)
(not included)

Press **[SELECTOR]** on the wireless sound system to select **"MUSIC PORT"** input.

Adjust the volume of the wireless sound system.

To use the iPod®

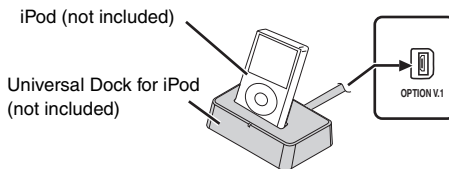
Connect an optional SH-PD10 Panasonic Universal Dock for iPod to this unit for:

- enjoying audio from your iPod or
- charging your iPod.

■ Enjoying audio from the iPod

- Adjust the volume on the iPod to a normal listening level.
- Reduce the volume of the wireless sound system before connecting.

Do not connect or disconnect the dock while the wireless sound system is on.



Press **[SELECTOR]** on the wireless sound system to select **"OPTION"** input.

- Operate your iPod to play your desired song.
- Adjust the volume of the wireless sound system.

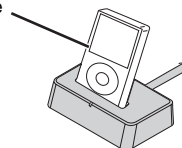
Compatible iPod

- iPod nano 2nd generation (aluminum) (2GB, 4GB, 8GB)
- iPod 5th generation (video) (60GB, 80GB)
- iPod 5th generation (video) (30GB)
- iPod nano 1st generation (1GB, 2GB, 4GB)
- iPod 4th generation (color display) (40GB, 60GB)
- iPod 4th generation (color display) (20GB, 30GB)
- iPod 4th generation (40GB)
- iPod 4th generation (20GB)
- iPod mini (4GB, 6GB)

Compatibility depends on the software version of your iPod.

■ Charging the iPod

Charging starts when the iPod is inserted.



"OPTION POWER" indicator on the wireless sound system lights during iPod charging.

Note

- AC cord must be connected with the wireless sound system.
- When the wireless sound system is turned off, iPod charging time is fixed at 5 hours. "OPTION POWER" indicator continues to light up throughout this duration, even when your iPod is fully charged. You can turn off this indicator by removing the iPod from the dock.



iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.

Limited Warranty (ONLY FOR U.S.A.)

**Panasonic Consumer Electronics Company,
Division of Panasonic Corporation of North America**
One Panasonic Way Secaucus, New Jersey 07094

Panasonic Puerto Rico, Inc.
Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park, Carolina, Puerto Rico 00985

Panasonic Audio Products Limited Warranty

Limited Warranty Coverage

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company or Panasonic Puerto Rico, Inc. (collectively referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

Product or Part Name	Parts	Labor
Audio Products (except items listed below)	One (1) year	One (1) year
USB Reader-Writer, Personal Computer Card Adapters (in exchange for defective item)	One (1) year	Not Applicable
Accessories: Headphones, Cartridges, Microphones, Adapters	Ninety (90) days	Ninety (90) days
Rechargeable Batteries, DVD-R/-RAM Discs (in exchange for defective item)	Ten (10) days	Not Applicable
SD Memory Cards, Rechargeable Battery Packs (in exchange for defective item)	Ninety (90) days	Not Applicable

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. You must carry-in or mail-in your product during the warranty period. If non-rechargeable batteries are included, they are not warranted. This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold "as is". A purchase receipt or other proof of the original purchase date is required for warranty service.

Carry-In or Mail-In Service

For Carry-In or Mail-In Service in the United States call 1-800-211-PANA (1-800-211-7262) or visit Panasonic web site: <http://www.panasonic.com>
For assistance in Puerto Rico call Panasonic Puerto Rico, Inc. (787)-750-4300 or fax (787)-768-2910.

Limited Warranty Limits And Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or commercial use (such as in a hotel, office, restaurant, or other business), rental use of the product, service by anyone other than a Factory Servicenter or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.

(As examples, this excludes damages for lost time, travel to and from the servicer, loss of media or images, data or other memory content. The items listed are not exclusive, but are for illustration only.)
ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

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 exclusions 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 warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY ARE YOUR RESPONSIBILITY.

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Customer Services Directory

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Servicenter; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

<http://www.panasonic.com/consumersupport>

or, contact us via the web at:

<http://www.panasonic.com/contactinfo>

You may also contact us directly at:

1-800-211-PANA (7262),

Monday-Friday 9 am-9 pm; Saturday-Sunday 10 am-7 pm, EST.

For hearing or speech impaired TTY users, TTY: 1-877-833-8855

Accessory Purchases

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:

<http://www.pasc.panasonic.com>

or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:

1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only) (Monday – Friday 9 am to 8 pm, EST.)

Panasonic Service and Technology Company

20421 84th Avenue South, Kent, WA 98032

(We Accept Visa, MasterCard, Discover Card, American Express, and Personal Checks)

For hearing or speech impaired TTY users, TTY: 1-866-605-1277

Service in Puerto Rico

Panasonic Puerto Rico, Inc.

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

Phone (787)750-4300, Fax (787)768-2910

Limited Warranty (ONLY FOR CANADA)

Panasonic Canada Inc.

PANASONIC PRODUCT – LIMITED WARRANTY

Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship and agrees to remedy any such defect for a period as stated below from the date of original purchase.

Technics Audio Product	One (1) year, parts and labour
Panasonic Portable / Clock Radio (without Tape, CD, MD)	One (1) year, parts and labour
Panasonic Audio / SD Audio Product	One (1) year, parts and labour
Panasonic DVD Product	One (1) year, parts and labour
Panasonic Combination DVD Player / VCR	One (1) year, parts and labour
Panasonic Combination DVD Recorder / VCR	One (1) year, parts and labour
Accessories including rechargeable batteries	Ninety (90) days

LIMITATIONS AND EXCLUSIONS

This warranty does not apply to products purchased outside Canada or to any product which has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged during shipping, or which has been altered or repaired in any way that affects the reliability or detracts from the performance, nor does it cover any product which is used commercially. Dry cell batteries are also excluded from coverage under this warranty.

This warranty is extended to the original end user purchaser only. A purchase receipt or other proof of date of original purchase is required before warranty service is performed.

THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable.

WARRANTY SERVICE

FOR PRODUCT OPERATION ASSISTANCE, please contact:

Our Customer Care Centre:	Telephone #:	(905) 624-5505
	1-800 #:	1-800-561-5505
	Fax #:	(905) 238-2360
	Email link:	"Customer support" on www.panasonic.ca

FOR PRODUCT REPAIRS, please locate your nearest Authorized Servicentre at www.panasonic.ca :

Link : "Servicentres™ locator" under "Customer support"

IF YOU SHIP THE PRODUCT TO A SERVICENTRE

Carefully pack and send prepaid, adequately insured and preferably in the original carton.

Include details of the defect claimed, and proof of date of original purchase.

Troubleshooting guide

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the solutions indicated in the table do not solve the problem, refer to “Customer Services Directory” on page 9 if you reside in the U.S.A., or refer to “Product information” on page 3 if you reside in Canada.

On your home theater unit

<p>The wireless link indicator [e.g. “W2” (SC-PTX7: “W1”)] does not light.</p>	<ul style="list-style-type: none"> ● Ensure that the digital transmitter is fully inserted into the slot of the home theater unit. ● Check that the home theater unit is turned on, and the wireless sound system is turned on. ● The wrong transmitter card has been inserted into the home theater unit. (The SH-FX65T transmitter card cannot be used with the wireless sound system.)
<p>The wireless link indicator [e.g. “W2” (SC-PTX7: “W1”)] is flashing.</p>	<ul style="list-style-type: none"> ● There is no link between the home theater unit and the wireless sound system. Check that the wireless sound system is plugged into the AC outlet and is turned on. ● Ensure that the selector on the wireless sound system is set to “WIRELESS”. ● Ensure that the wireless sound system is within 30 m (98 ft) of the home theater unit. ● When pairing your existing wireless accessories with SH-FX85T digital transmitter, ensure the corresponding wireless accessories are plugged into the AC outlet and are turned on.
<p>The wireless link indicator [e.g. “W2” (SC-PTX7: “W1”)] is lit, but there is no sound from the wireless sound system.</p>	<ul style="list-style-type: none"> ● Check the selected source from your home theater unit with [2ND SELECT] on your remote control. ● Turn the wireless sound system off, disconnect the AC power supply cord, and then reconnect it.
<p>(Except SC-PTX7) The wireless link indicator (e.g. “W1” or “WS”) is lit, but there is no sound from the wireless accessory after pairing.</p>	<ul style="list-style-type: none"> ● When playing from a 2-channel audio source (e.g. AM/FM station, music CD, etc.), turn on one of the surround sound effects of your home theater system (e.g. Surround Music) in order to utilize all audio channels. (Refer also to your home theater unit’s operating instructions.) ● Turn the wireless accessory off, disconnect the AC power supply cord, and then reconnect it.

User memo:

DATE OF PURCHASE _____
 DEALER NAME _____
 DEALER ADDRESS _____

 TELEPHONE NUMBER _____

The model number and serial number of this product can be found on either the back or the bottom of the unit. Please note them in the space provided below and keep for future reference.

MODEL NUMBER _____ SH-FX85
 SERIAL NUMBER _____

Specifications

AMPLIFIER SECTION

Output power

RMS output power

Front Ch	90 W per channel (3 Ω), 1 kHz, 10 % THD
Total RMS power	180 W

FTC output power stereo mode

Front Ch	17.5 W per channel (3 Ω), 150 Hz–20 kHz, 1 % THD
Total FTC stereo mode power	35 W

SPEAKER SECTION

Active speaker SB-FX85

Type	1 way, 1 speaker system (Bass reflex) (L and R ch in one box)
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Speaker unit(s)

Full range	6.5 cm (2 ¹ / ₂ ") Cone type
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Output sound pressure

80 dB/W (1.0 m)

Frequency range

88 Hz–25 kHz (–16 dB)
106 Hz–22 kHz (–10 dB)

RF SECTION

Wireless module

Frequency range	2.400 to 2.4835 GHz
Number of channels	3

Music Port (Rear)

Sensitivity	100 mV, 4.7 kΩ
Terminal	Stereo, 3.5 mm (1/8") jack

GENERAL

Power supply	AC 120 V, 60 Hz
Power consumption	Digital transmitter 1.7 W Wireless sound system 38 W

Dimensions (W×H×D)

Digital transmitter	65 mm×52 mm×8.6 mm (2 ⁹ / ₁₆ "×2 ¹ / ₁₆ "× ¹¹ / ₃₂ ")
Wireless sound system	430 mm×170.5 mm×189 mm (16 ¹⁵ / ₁₆ "×6 ²³ / ₃₂ "×7 ⁶ / ₁₆ ")

Mass

Digital transmitter	0.02 kg (0.04 lbs)
Wireless sound system	2.03 kg (4.47 lbs)

Operating temperature range	+5 °C to +35 °C (+41 °F to +95 °F)
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Operating humidity range	5 % to 90 % RH (no condensation)
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Power consumption in off mode	approx. 4.5 W
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Note

- Specifications are subject to change without notice.
Mass and dimensions are approximate.
- Total harmonic distortion is measured by a digital spectrum analyzer.

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