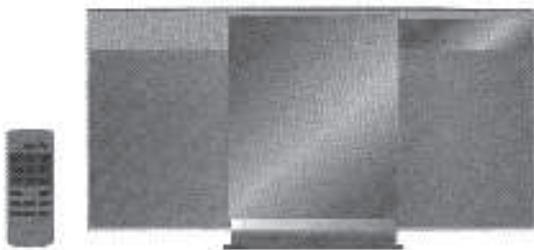


Panasonic®

Owner's Manual
Compact Stereo System

Model No. **SC-HC27**
SC-HC271



As an ENERGY STAR® Partner,
Panasonic has determined that this
product meets the ENERGY STAR®
guidelines for energy efficiency.

Thank you for purchasing this product.

For optimum performance and safety, please read these
instructions carefully.

Please keep this manual for future reference.

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.

This equipment is designed to provide reasonable protection against interference in a standard installation. However, some interference may occur due to the location of the receiver, the quality of the antenna, or the proximity of other electronic equipment. If the receiver does not operate satisfactorily, it is suggested that you consult your dealer or service center. However, if you experience difficulty in using the receiver, the user manual may contain troubleshooting information.

- First, turn off and then turn on the receiver.
- Turn down the volume setting between the maximum and minimum.
- Turn off all unnecessary household electrical equipment, then turn on the receiver, and connect.
- Connect the receiver to an appropriate and stable AC outlet.

If the interference continues, after you turned the receiver off, the equipment could void the user's guarantee if it is connected to the receiver.

The device complies with Part 15 of the FCC Rules. Operation is subject to the following 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.

Preparer Name:
Fisher Electronics of North America
One Park Lane, Suite 200, NJ 07046

Product Information Stamping is located on the bottom of the unit.

Listening caution



Selecting the audio equipment which is best suited for you is as important as any other aspect of your personal enjoyment. However, to consider how you can maximize both your enjoyment and your equipment's life, then consider the U.S. Consumer Electronics Association's Consumer Electronics Equipment Safety Council's "Safe Listening Guide for Consumers". One of the most important aspects of safe listening is playing at a low level. One-half the people who go to the hospital each year because of hearing damage are under age 18 and they seldom realize they're exposing their ears to potentially harmful noise levels.

We recommend that you should play your equipment at a reasonable level.

You can be decreasing, over time, your hearing ability, "exposed to higher levels of sound. So what we've learned over time is that it's had a harmful effect on hearing. And so it's important to control your volume for a safe level of exposure to hearing damage.

- Listen at a safe level for a long period of time.
- Listen at a safe level.

To help minimize damage to your hearing, follow these simple guidelines:

- Listen at a safe level for a long period of time.
- Listen at a safe level.

For more information on safe listening, contact the Safe Listening Foundation.

If you are unsatisfied:

Information on Disposal in other Countries outside the European Union:



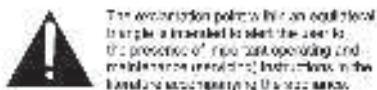
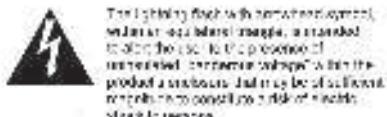
To know exactly what to do in your country:

If you want to discard this product, please contact your local authority or dealer and ask for the correct method of disposal.

* For USA-California only:
This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material - special handling may apply.

Do the procedure with the remote control. You can also use the buttons on the main unit if they are the same. Your system and the controller work simultaneously.

Safety Precautions



List of products

1	AVANT BACKPACK
2	AVANT BACKPACK
3	AVANT BACKPACK
4	AVANT BACKPACK
5	AVANT BACKPACK
6	AVANT BACKPACK
7	AVANT BACKPACK
8	AVANT BACKPACK
9	AVANT BACKPACK
10	AVANT BACKPACK
11	AVANT BACKPACK
12	AVANT BACKPACK
13	AVANT BACKPACK
14	AVANT BACKPACK
15	AVANT BACKPACK
16	AVANT BACKPACK
17	AVANT BACKPACK
18	AVANT BACKPACK
19	AVANT BACKPACK
20	AVANT BACKPACK
21	AVANT BACKPACK
22	AVANT BACKPACK
23	AVANT BACKPACK
24	AVANT BACKPACK
25	AVANT BACKPACK
26	AVANT BACKPACK
27	AVANT BACKPACK
28	AVANT BACKPACK
29	AVANT BACKPACK
30	AVANT BACKPACK
31	AVANT BACKPACK
32	AVANT BACKPACK
33	AVANT BACKPACK
34	AVANT BACKPACK
35	AVANT BACKPACK
36	AVANT BACKPACK
37	AVANT BACKPACK
38	AVANT BACKPACK
39	AVANT BACKPACK
40	AVANT BACKPACK
41	AVANT BACKPACK
42	AVANT BACKPACK
43	AVANT BACKPACK
44	AVANT BACKPACK
45	AVANT BACKPACK
46	AVANT BACKPACK
47	AVANT BACKPACK
48	AVANT BACKPACK
49	AVANT BACKPACK
50	AVANT BACKPACK
51	AVANT BACKPACK
52	AVANT BACKPACK
53	AVANT BACKPACK
54	AVANT BACKPACK
55	AVANT BACKPACK
56	AVANT BACKPACK
57	AVANT BACKPACK
58	AVANT BACKPACK
59	AVANT BACKPACK
60	AVANT BACKPACK
61	AVANT BACKPACK
62	AVANT BACKPACK
63	AVANT BACKPACK
64	AVANT BACKPACK
65	AVANT BACKPACK
66	AVANT BACKPACK
67	AVANT BACKPACK
68	AVANT BACKPACK
69	AVANT BACKPACK
70	AVANT BACKPACK
71	AVANT BACKPACK
72	AVANT BACKPACK
73	AVANT BACKPACK
74	AVANT BACKPACK
75	AVANT BACKPACK
76	AVANT BACKPACK
77	AVANT BACKPACK
78	AVANT BACKPACK
79	AVANT BACKPACK
80	AVANT BACKPACK
81	AVANT BACKPACK
82	AVANT BACKPACK
83	AVANT BACKPACK
84	AVANT BACKPACK
85	AVANT BACKPACK
86	AVANT BACKPACK
87	AVANT BACKPACK
88	AVANT BACKPACK
89	AVANT BACKPACK
90	AVANT BACKPACK
91	AVANT BACKPACK
92	AVANT BACKPACK
93	AVANT BACKPACK
94	AVANT BACKPACK
95	AVANT BACKPACK
96	AVANT BACKPACK
97	AVANT BACKPACK
98	AVANT BACKPACK
99	AVANT BACKPACK
100	AVANT BACKPACK
101	AVANT BACKPACK
102	AVANT BACKPACK
103	AVANT BACKPACK
104	AVANT BACKPACK
105	AVANT BACKPACK
106	AVANT BACKPACK
107	AVANT BACKPACK
108	AVANT BACKPACK
109	AVANT BACKPACK
110	AVANT BACKPACK
111	AVANT BACKPACK
112	AVANT BACKPACK
113	AVANT BACKPACK
114	AVANT BACKPACK
115	AVANT BACKPACK
116	AVANT BACKPACK
117	AVANT BACKPACK
118	AVANT BACKPACK
119	AVANT BACKPACK
120	AVANT BACKPACK
121	AVANT BACKPACK
122	AVANT BACKPACK
123	AVANT BACKPACK
124	AVANT BACKPACK
125	AVANT BACKPACK
126	AVANT BACKPACK
127	AVANT BACKPACK
128	AVANT BACKPACK
129	AVANT BACKPACK
130	AVANT BACKPACK
131	AVANT BACKPACK
132	AVANT BACKPACK
133	AVANT BACKPACK
134	AVANT BACKPACK
135	AVANT BACKPACK
136	AVANT BACKPACK
137	AVANT BACKPACK
138	AVANT BACKPACK
139	AVANT BACKPACK
140	AVANT BACKPACK
141	AVANT BACKPACK
142	AVANT BACKPACK
143	AVANT BACKPACK
144	AVANT BACKPACK
145	AVANT BACKPACK
146	AVANT BACKPACK
147	AVANT BACKPACK
148	AVANT BACKPACK
149	AVANT BACKPACK
150	AVANT BACKPACK
151	AVANT BACKPACK
152	AVANT BACKPACK
153	AVANT BACKPACK
154	AVANT BACKPACK
155	AVANT BACKPACK
156	AVANT BACKPACK
157	AVANT BACKPACK
158	AVANT BACKPACK
159	AVANT BACKPACK
160	AVANT BACKPACK
161	AVANT BACKPACK
162	AVANT BACKPACK
163	AVANT BACKPACK
164	AVANT BACKPACK
165	AVANT BACKPACK
166	AVANT BACKPACK
167	AVANT BACKPACK
168	AVANT BACKPACK
169	AVANT BACKPACK
170	AVANT BACKPACK
171	AVANT BACKPACK
172	AVANT BACKPACK
173	AVANT BACKPACK
174	AVANT BACKPACK
175	AVANT BACKPACK
176	AVANT BACKPACK
177	AVANT BACKPACK
178	AVANT BACKPACK
179	AVANT BACKPACK
180	AVANT BACKPACK
181	AVANT BACKPACK
182	AVANT BACKPACK
183	AVANT BACKPACK
184	AVANT BACKPACK
185	AVANT BACKPACK
186	AVANT BACKPACK
187	AVANT BACKPACK
188	AVANT BACKPACK
189	AVANT BACKPACK
190	AVANT BACKPACK
191	AVANT BACKPACK
192	AVANT BACKPACK
193	AVANT BACKPACK
194	AVANT BACKPACK
195	AVANT BACKPACK
196	AVANT BACKPACK
197	AVANT BACKPACK
198	AVANT BACKPACK
199	AVANT BACKPACK
200	AVANT BACKPACK
201	AVANT BACKPACK
202	AVANT BACKPACK
203	AVANT BACKPACK
204	AVANT BACKPACK
205	AVANT BACKPACK
206	AVANT BACKPACK
207	AVANT BACKPACK
208	AVANT BACKPACK
209	AVANT BACKPACK
210	AVANT BACKPACK
211	AVANT BACKPACK
212	AVANT BACKPACK
213	AVANT BACKPACK
214	AVANT BACKPACK
215	AVANT BACKPACK
216	AVANT BACKPACK
217	AVANT BACKPACK
218	AVANT BACKPACK
219	AVANT BACKPACK
220	AVANT BACKPACK
221	AVANT BACKPACK
222	AVANT BACKPACK
223	AVANT BACKPACK
224	AVANT BACKPACK
225	AVANT BACKPACK
226	AVANT BACKPACK
227	AVANT BACKPACK
228	AVANT BACKPACK
229	AVANT BACKPACK
230	AVANT BACKPACK
231	AVANT BACKPACK
232	AVANT BACKPACK
233	AVANT BACKPACK
234	AVANT BACKPACK
235	AVANT BACKPACK
236	AVANT BACKPACK
237	AVANT BACKPACK
238	AVANT BACKPACK
239	AVANT BACKPACK
240	AVANT BACKPACK
241	AVANT BACKPACK
242	AVANT BACKPACK
243	AVANT BACKPACK
244	AVANT BACKPACK
245	AVANT BACKPACK
246	AVANT BACKPACK
247	AVANT BACKPACK
248	AVANT BACKPACK
249	AVANT BACKPACK
250	AVANT BACKPACK
251	AVANT BACKPACK
252	AVANT BACKPACK
253	AVANT BACKPACK
254	AVANT BACKPACK
255	AVANT BACKPACK
256	AVANT BACKPACK
257	AVANT BACKPACK
258	AVANT BACKPACK
259	AVANT BACKPACK
260	AVANT BACKPACK
261	AVANT BACKPACK
262	AVANT BACKPACK
263	AVANT BACKPACK
264	AVANT BACKPACK
265	AVANT BACKPACK
266	AVANT BACKPACK
267	AVANT BACKPACK
268	AVANT BACKPACK
269	AVANT BACKPACK
270	AVANT BACKPACK
271	AVANT BACKPACK
272	AVANT BACKPACK
273	AVANT BACKPACK
274	AVANT BACKPACK
275	AVANT BACKPACK
276	AVANT BACKPACK
277	AVANT BACKPACK
278	AVANT BACKPACK
279	AVANT BACKPACK
280	AVANT BACKPACK
281	AVANT BACKPACK
282	AVANT BACKPACK
283	AVANT BACKPACK
284	AVANT BACKPACK
285	AVANT BACKPACK
286	AVANT BACKPACK
287	AVANT BACKPACK
288	AVANT BACKPACK
289	AVANT BACKPACK
290	AVANT BACKPACK
291	AVANT BACKPACK
292	AVANT BACKPACK
293	AVANT BACKPACK
294	AVANT BACKPACK
295	AVANT BACKPACK
296	AVANT BACKPACK
297	AVANT BACKPACK
298	AVANT BACKPACK
299	AVANT BACKPACK
300	AVANT BACKPACK
301	AVANT BACKPACK
302	AVANT BACKPACK
303	AVANT BACKPACK
304	AVANT BACKPACK
305	AVANT BACKPACK
306	AVANT BACKPACK
307	AVANT BACKPACK
308	AVANT BACKPACK
309	AVANT BACKPACK
310	AVANT BACKPACK
311	AVANT BACKPACK
312	AVANT BACKPACK
313	AVANT BACKPACK
314	AVANT BACKPACK
315	AVANT BACKPACK
316	AVANT BACKPACK
317	AVANT BACKPACK
318	AVANT BACKPACK
319	AVANT BACKPACK
320	AVANT BACKPACK
321	AVANT BACKPACK
322	AVANT BACKPACK
323	AVANT BACKPACK
324	AVANT BACKPACK
325	AVANT BACKPACK
326	AVANT BACKPACK
327	AVANT BACKPACK
328	AVANT BACKPACK
329	AVANT BACKPACK
330	AVANT BACKPACK
331	AVANT BACKPACK
332	AVANT BACKPACK
333	AVANT BACKPACK
334	AVANT BACKPACK
335	AVANT BACKPACK
336	AVANT BACKPACK
337	AVANT BACKPACK
338	AVANT BACKPACK
339	AVANT BACKPACK
340	AVANT BACKPACK
341	AVANT BACKPACK
342	AVANT BACKPACK
343	AVANT BACKPACK
344	AVANT BACKPACK
345	AVANT BACKPACK
346	AVANT BACKPACK
347	AVANT BACKPACK
348	AVANT BACKPACK
349	AVANT BACKPACK
350	AVANT BACKPACK
351	AVANT BACKPACK
352	AVANT BACKPACK
353	AVANT BACKPACK
354	AVANT BACKPACK
355	AVANT BACKPACK
356	AVANT BACKPACK
357	AVANT BACKPACK
358	AVANT BACKPACK
359	AVANT BACKPACK
360	AVANT BACKPACK
361	AVANT BACKPACK
362	AVANT BACKPACK
363	AVANT BACKPACK
364	AVANT BACKPACK
365	AVANT BACKPACK
366	AVANT BACKPACK
367	AVANT BACKPACK
368	AVANT BACKPACK
369	AVANT BACKPACK
370	AVANT BACKPACK
371	AVANT BACKPACK
372	AVANT BACKPACK
373	AVANT BACKPACK
374	AVANT BACKPACK
375	AVANT BACKPACK
376	AVANT BACKPACK
377	AVANT BACKPACK
378	AVANT BACKPACK
379	AVANT BACKPACK
380	AVANT BACKPACK
381	AVANT BACKPACK
382	AVANT BACKPACK
383	AVANT BACKPACK
384	AVANT BACKPACK
385	AVANT BACKPACK
386	AVANT BACKPACK
387	AVANT BACKPACK
388	AVANT BACKPACK
389	AVANT BACKPACK
390	AVANT BACKPACK
391	AVANT BACKPACK
392	AVANT BACKPACK
393	AVANT BACKPACK
394	AVANT BACKPACK
395	AVANT BACKPACK
396	AVANT BACKPACK
397	AVANT BACKPACK
398	AVANT BACKPACK
399	AVANT BACKPACK
400	AVANT BACKPACK

WARNING!

Batteries

- To reduce the risk of electric shock or battery damage:
 - Do not open or place this unit in a microwave oven, oven, or other heating device.
 - Do not damage, abuse, dismantle, remodel, heat or burn this unit.
 - Keep out of reach of children.
 - If any electrolyte should come into contact with your hands or clothes, wash thoroughly with water.
 - If any electrolyte should come into contact with your eyes, rinse immediately with water and seek medical advice.
 - Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
 - When disposing the batteries, please contact your local authority or an authorized dealer for the correct method of disposal.
 - Do not handle or expose to fire.
 - Do not leave the batteries out in direct sunlight for long periods of time, as this could cause the batteries to heat up.

IMPORTANT SAFETY INSTRUCTIONS

Please read, understand and follow the following safety instructions before using the unit. These safety instructions must be followed to reduce the risk of fire, electric shock or personal injury.

1. Read these instructions.
2. Keep these instructions.
3. Feed of cleaning.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not look directly at operating lamp in association with the maximum output setting.
8. Do not touch any bare metal parts of projector, lens, filter, mirror, or other optical components including optical fluid connection tube.
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 pin. If your outlet does not accept this plug, you should replace the outlet with one that will accept it. If you need a plug adapter, it is your responsibility to obtain one for replacement of the defective outlet.
10. Prevent the polarized or grounding-type plug from being submerged or damaged by water or liquid, and do not allow objects to fall into or liquid to be poured into the unit.
11. Only use attachments recommended 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 the 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, is not operating normally, has been dropped or damaged in any way.



Product service

- 1) Damage requiring service — The unit will be serviced by authorized service personnel:
 - (1) The AC power supply cord or the signal connection damage;
 - (2) Objects or liquids have gotten into the unit;
 - (3) The unit has been exposed to water;
 - (4) The unit has been dropped or damaged in any way;
 - (5) The unit has been exposed to rain or moisture.
- 2) Servicing — Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized service personnel.
- 3) Replacement parts — When replacement parts are required, make sure that the replacement parts are recommended by the manufacturer or by a distributor for your model or for the equivalent model. Unauthorized substitutes may result in fire, electric shock, or other hazards.
- 4) Safety check — After repairs by service, ask the service technician to make sure that the unit is in proper working condition.

Maintenance

- To clean the system, wipe with a soft, dry cloth.
• Never use alcohol, paint thinner, or benzene to clean the system.
• Before using a chemically treated cloth, read the instructions for care with the cloth carefully.

Supplied accessories

Check and identify the supplied accessories.

1 x AC power supply cord



1 x CM indoor antenna



1 x Remote control
(with a battery)



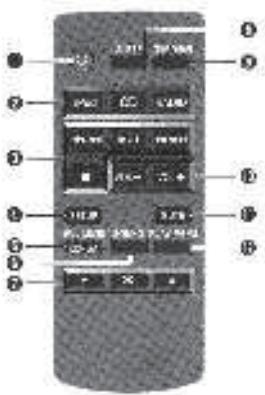
Accessory type and quantity may vary depending on the model.

Specifications

Amplifier section		General	
RMS output power stereo mode	Front Ch (both on/standby)	Power supply	AC 120 V, 60 Hz
Total 100 W per channel (20 Hz - 20 kHz, 0.05% THD)	Total 200 W	Power consumption	54 W
TC output power stereo mode	Front Ch (both off/standby)	Dimensions (W x H x D)	420 mm x 219 mm x 175 mm (17.3" x 8.6" x 6.9") 19 x 72 mm (2.7" x 3 mm) D = 144 mm (5.7") (bay span)
Total 100 W per channel (20 Hz - 20 kHz, 0.05% THD)	Total 200 W	Mass (Weight)	2.6 kg (5.8 lb)
Total FTC silent mode power	-	Operating temperature range	0°C to +40°C (+32°F to +104°F)
Tuner section		Operating humidity range	
FM station	FM 40 stations	30% to 80% RH (no condensation)	
Frequency modulation (FM)		Power consumption in standby mode	
Frequency range	87.5 MHz to 107.9 MHz (500 kHz steps)	0.1 W (approximate)	
Antenna terminals	FM 1 (Fakra) female	Notes:	
Terminals section		<ul style="list-style-type: none"> - Color black and silver/black grey silver/black. - Meets the ETSI and dimensions: EEC approach. - Total harmonic distortion is measured by the digital spectrum analyzer. 	
Disc section			
Disc played (3 cm (1") or 12 cm (5"))	CD, CD-RW/R (2-Layer)		
Pickup			
Wave length	780 nm (CD)		
Laser power	CLASS 1		
Audio output (line)			
Number of channels	2 ch (L, R)		
L = Left, R = Right			
R = Right, L = Left			
Speaker section			
Type	Any speaker system (two channels)		
Speaker output			
Full range	8 ohm (2.5 mV RMS input, 1 W)		
Impedance	4 ohm		

Overview of controls

Remote control



① Standby/On switch [ON/OFF]

- Press to switch the unit on or to stand by mode. When it is turned on, the unit will be searching a signal from an antenna or cable.

② Headphone jack

③ Basic play control

④ View the disc or media options

⑤ View the information

⑥ Select the sound effects

⑦ Select the artist

⑧ Select the album

⑨ Decrease the brightness of the display panel

- Press the button again to cancel.

⑩ Adjust the volume of the system

⑪ View the sound of the system

- Press the button again to cancel.
- **NOTE:** It also canceled when you adjust the volume or when you switch off the power.

⑫ View the play mode

⑬ View the media options

⑭ Headphones jack [3.5]

- Plug type: 3.5 mm (1/8") stereo jack supplied.
- Avoid listening to headphones over extended periods of time to prevent hearing damage.
- Listening at full power from headphones and headphones can cause hearing loss.
- Listening at full volume for long periods may damage your hearing.
- Be aware of ear wax and unrecommended headphones or ear phones.

⑮ Cover to open the writing slot

⑯ Disc tray

⑰ Remote control receiver

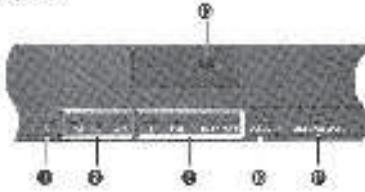
- Maximum range: 7 m (23 ft) directly in front.

⑱ Display panel

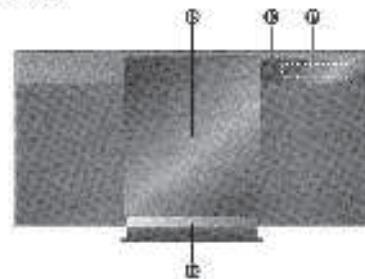
⑲ Other area see the book for Fresh Pocket

Main unit

Top view



Front view



The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

Getting started



- 1 Connect the FM indoor antenna.
Fit the antenna where reception is best.



- 2 Connect the AC power supply cord.
Power consumption in standby mode: 0.1 W (Standby mode).
Do not use any AC power supply cord from other equipment.



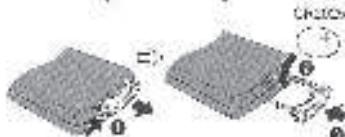
- Note:
- Shine settings, volume control and tone when you disconnected the receiver.
- These connections will not be affected by stand-by. Do not put the receiver near TVs, PC's or other equipment which may interfere by magnetism.
- You can connect up to two of the above units.

Preparing the remote control

Replacing the battery

Replace with a new battery (CR2025, lithium battery).

- While pressing the stopper, pull out the battery holder.
- Insert a new battery with the '+' side facing up.
- Push the battery holder back fully.



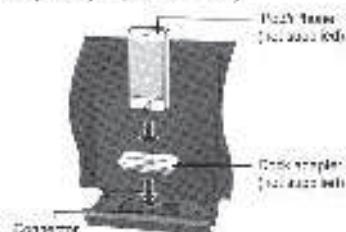
Warning!
Keep the remote control batteries away from children to prevent swallowing.

iPod/iPhone, Disc

Inserting or removing media

iPod/iPhone

Push [Push ab] to open the disc tray.



Note:

- Make sure to remove the iPod/iPhone from its case.
- Handle carefully. Push firmly with the [Push ab] button while holding.
- Use a compatible dock adapter.

Disc

Press [CD ± OPEN/CLOSE] on the main unit to open the sliding door.

F. [CD ± OPEN/CLOSE] in the direction towards you.



Note:

- Open the door every time the disc unit receives a signal.
- Handle carefully, use a soft cloth.

Basic playback

Push [CD]

Press [iPod] or [CD] to select the source.

Play	Press [iPod]
Stop	Press [iP].
Pause	Press [P]. Press again to continue playback.
Skip track	Press [<i>left-right</i>] or [<i>left-right</i>].
Search through track	Press and hold [<i>left-right</i>] or [<i>left-right</i>].

iPod/Phone

View iPod menu	Press [PLAY MENU]
Select an item	[Play] A, ▶, and then [OK]

Note:

- Pressing on the body of the unit may be necessary to remove the iPod/Phone from the slot, "A", or "B" on the left side.
- Operation availability will depend on the iPod/Phone model.
- See the User Guide of the iPod/Phone for the operating procedures.

Disk

View information	Press [DISPLAY]
------------------	-----------------

Play menu

- 1 Press [PLAY MENU] to select "PLAY MODE" or "REPEAT".
- 2 Press [A, ▶] and then press [OK] to select the desired mode.

PLAY MODE

OFF PLAYMODE	Play all tracks
1-TRACK	Play one selected track.
1-2	Press [◀◀◀◀◀] or [▶▶▶▶▶] to select the track.

RANDOM	Play all tracks randomly.
SHUFFLE	

ON REPEAT	Repeat playback
CD	
OFF REPEAT	Cancel repeat. 2 seconds

Note:

- During random playback, you cannot edit the song list.
- The setting returns to default when you open the disc loading panel.

Compatible media

iPod/Phone (List of Devices)

Update your iPod/Phone with the latest software before using it on another.

iPod touch®

1st, 2nd, 3rd and 4th generation

iPod nano®

2nd, 3rd, 4th, 5th and 7th generation

iPod classic®

iPhone® 4S / iPhone® 4 / iPhone® 3GS / iPhone® 3G / Phone®

Charging an iPod/Phone

- If iPod/Phone is charged automatically when connected to the water outlet of an AC adapter or in standby mode.
- Use the iPod/Phone display for battery charging status.
- Disconnect the iPod/Phone if it does not charge for an extended period of time after charging is complete.
- Charging stops when the battery is fully charged. The battery will recharge when it is low.

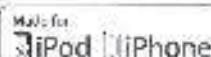
Disk

This system can play CD-R/RW with CD DA format content.

- Normal CD-R/RW cannot be played because of the condition of the recording.
- This system can't support up to PR format.
- Disc material formats is ISO9660 level 1 and requires file extended file name.
- Extended file, not necessarily has a extension file under an recorded frame.

Note on using a Disc/Disk

A standard audio and video track (the area of the digital audio content) does not meet the technical specifications of the Consumer Electronics Digital Audio (CE-DA) format.



Multi for iPod and Multi for iPhone™ uses the "iTunes" name and logo, which are registered trademarks specifically in the U.S. and/or other countries, and have been registered by the copyright owner, Apple Inc., or its subsidiaries.

Apple is not responsible for the operation of third-party units in accordance with safety and regulatory standards.

Please visit the site of the accessories with iPod/iPhone only official website, <http://www.apple.com>.

iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Radio

86 FM stations (AM 60 - 1030).

Preparation

Correct the FM radio station list ("Radio Preset").

Press [RADIO].

Automatic presetting

- 1 Press [PLAY MENU] to select "A.PRESET".
- 2 Press [Δ , ∇] to select "LOWEST" or "CURRENT" frequency.
 - LOWEST : To begin from the lowest frequency.
 - CURRENT : To begin from the current frequency.To change the frequency when "LOWEST" is selected:
Press the frequency when "LOWEST" is selected.
- 3 Press [OK] to start presetting.
The tuner presumes the stations from newest to the oldest in ascending order.
To cancel, press [III].

Manual tuning and presetting

- 1 Press [PLAY MENU] to select "TUNEMODE".
- 2 Press [Δ , ∇] to select "MANUAL" and then press [OK].
- 3 Press [Δ - Δ - Δ] or [∇ - ∇ - ∇] to tune in to the station.
This is a function to prevent both the tuner and the frequency auto during up and down.
"STEREO" is shown when the station is tuned in to stereo mode.

To preset the station

- 4 Press [OK].
- 5 Press [Δ , ∇] to select a preset number.
- 6 Press [OK].
Continue 3 through 5 again to preset more stations.

Note:

A station previously stored is overwritten when another station is preset in the same preset number.

Selecting a preset station

- 1 Press [PLAY MENU] to select "TUNEMODE".
- 2 Press [Δ , ∇] to select "PRESET" and then press [OK].
- 3 Press [Δ - Δ - Δ] or [∇ - ∇ - ∇] to select the preset station.

FM allocation setting (by radio unit only)

The preset radio station can be set to FM Broadcast or Broadcast + 0.1 MHz (0.1).

- 1 Press [RADIO].
- 2 Press and hold [RADIO].
After 10 seconds, the display panel shows the current minimum radio frequency. Release the button after the maximum frequency of usage.
 - To go back to the initial setting, do the above steps again.
 - After you change the setting, return frequencies are stored.

Improving the sound quality

- 1 Press [PLAY MENU] to select "FM MODE".
- 2 Press [Δ , ∇] to select "MONO" and then press [OK].
"MONO" is not canceled when you change the frequency.

To resume the setting:

Continue 3 through 5 of "Manual tuning and presetting".

Checking the signal status

Press [DISPLAY].

FM	The FM signal is received. The system is not tuned to the station.
FM ST	The FM signal is received.
FM MODE	"MONO" is selected as the FM MODE.

Clock and timers

Setting the clock

To set the "Main clock":

- 1 Press [SETUP] to select "CLOCK".
- 2 Press [Δ , ∇] to set the time.
- 3 Press [OK].

To show the clock for a few seconds:

Press [EJECT] to select "CLOCK" and then press [OK].

Note:

Reset the clock regularly to maintain accuracy.

Play timer

You can set the timer to come on at a certain time to wake you up.

Preparation:

Set the clock.

- 1 Press [SETUP] to select "TIMER ADV".
- 2 Press [Δ , ∇] to set the start time.
- 3 Press [OK].

4 Do steps 2 and 3 again to set the end time.

To start the timer:

- 1 Prepare the audio source you want to listen to and set the volume.
- 2 Press [SETUP] to select "TIMER SFT".
- 3 Press [Δ , ∇] to select "ON" and then press [OK].
"ON" is shown.
The radio must be switched off for the timer to operate.

Check the settings	1. Press [EJECT] to select "MAIN MENU". 2. Press [OK].
Cancel	1. Press [EJECT] to cancel "MAIN MENU". 2. Press [Δ , ∇] to select "OFF" and then press [OK].

Note:

- The timer starts at the selected end time and continues gradually to the specified level.
- The timer stops or at the end time even if the timer is on.
- If a sound of the timer and an alarm goes off, the timer is suspended. The timer will stop at the next time.

Sleep timer

The sleep timer switches off the system after the set time.

Press [SLEEP] to select the setting (in minutes). To cancel, select "OFF".

SLEEP 30 → SLEEP 60 → SLEEP 90 → SLEEP 120
OFF

Note:

- The remaining time is always shown on the display.
The display changes from hourly when you set "90" other than.
- The sleep timer can be used together with the play area.
- It reduces power consumption first. Be sure not to set an overload of time.

Auto off function

(PMD / CD)

This function switches off the system automatically if you do not use the system for approx. nearly 25 minutes.

- 1 Press [SETUP] to select "AUTO OFF".
- 2 Press [Δ , ∇] to select "ON" or "OFF" and then press [OK].

Sound effects

1 Press [SOUND] to select a sound effect.

2 Press [Δ , ∇] to select the desired setting.

PRESETED	"HALL", "SOFT", "LIVE", "ROCK", "POP", "JAZZ", "BLUES", "FOLK", "CLASSICAL", "MUSIC", "DANCE", "SOUND EFFECT", "FLAT", "CONCERT", the sound effect
BASS	"BASS" or "NO BASS" (A),
TREBLE	"TREBLE" or "NO TREBLE"
D.BASS	"D.BASS" or "OFF D.BASS"
SURROUND	"SURROUNDED" or "OFF SURROUNDED"

Troubleshooting

Edit or erasing songs, make the following checks.

Common problems

No recording can be done with the remote control.

- Ensure the battery is installed correctly.

Sound is distorted or no sound.

- Check the volume of the iPod/Phone.

The sound is distorted, static noise and/or noise that goes with the system. It may be caused by connection of the equipment from an external source or power, and when using the update function or network.

A "humming" sound can be heard during playback.

- If the power adapter cord is connected tightly to the iPod/Phone, keep the connection cord about away from the table or the equipment.

iPod/Phone

You cannot switch on the iPod/Phone.

- Ensure the battery of the iPod/Phone is not exhausted.

By switching the iPod/Phone on, the iPod/iPhone screen does not light up. Connect the iPod/Phone. Connect the iPod/Phone and try again.

iPod/Phone does not charge.

- Ensure the connection.

Disc

Display not shown correctly.

Playback does not start.

- When you run the disc in correctly, the disc is skewed.
• Use another disc.
- Replace the disc. If it is cracked, warped or non-standard.
- There is no disc or the disc is dirty for 1 to 2 hours.

Radio

A static sound is heard.

- Switch off the TV or other device from the system.
- Move radio antenna to another position. If the static noise disappears.

Station cannot be selected.

- Change the FM frequency step (→ FM of higher setting).

Main unit displays

.../...

- You connected the AC power supply cord to the main unit. There are no power lines nearby. But the clock

ADJUST CLOCK

- Clock function. Adjust the time accurately.

ADJUST TIMER

- Play timer function. Set up the play time accordingly.

DISPLAY

- If you switch off the system for over 2 days, the display panel is disconnected.

ERROR

- An incorrect operation has been made. Reset the function and try again.

PBT

- The AC power supply is off.

INPUT OVER CURRENT ERROR

- The iPod/Phone is drawing too much power. Remove the iPod/Phone. Switch the power off and on again.

NO DEVICE

- The iPod/Phone is not connected. Connect the connection.

NO DISC

- You have not put in a disc.

NO PLAY

- You have not inserted disc. Insert disc and turn on.

NOT SUPPORTED

- You have inserted an iPod/Phone that cannot be played.
- If the iPod/Phone is compatible, connect the iPod/Phone and connect it again. Connect the iPod/Phone to the iPod/Phone and try again.

Memory reset (initialization)

Reset the memory when the following situations occur:

- There is no response when it is first connected.

- You want to clear and reuse the memory contents.

1 Disconnect the AC power supply cord.
Wait 3 minutes before you continue to step 2.

2 While you power and hold [OK] on the main unit,
connect the AC power supply cord again.
Turn on.

3 Hold [OK].

After the red arrow on the front of the memory panel
is illuminated, hold the memory until step 4.

Remote control code

One touch function is adapted according to the remote control of this unit. To change the remote control code, follow the steps below.

To set the code to "REMOTE 2":

- 1 Press and hold [OK] on the main unit and [▼] on the remote control until "REMOTE 2" is shown.
- 2 Press and hold [OK] and [▼] for a minimum of 4 seconds.

To set the code to "REMOTE 1":

- 1 Press and hold [OK] on the main unit and [▼] on the remote control until "REMOTE 1" is shown.
- 2 Press and hold [OK] and [▼] for a minimum of 4 seconds.

ESPAÑOL

Cómo realizar las conexiones

1 Conecte la antena. Interfaz FM.

Coloque la antena dentro o afuera para mejor señal.



2 Conecte el cable de alimentación de CA.

Conecte el cable de alimentación de CA al terminal de CA de este equipo.

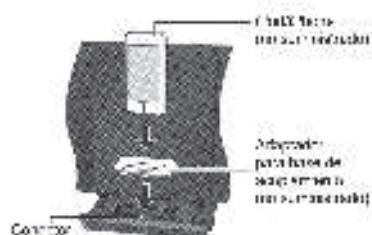


iPod/iPhone. Disco

Introducir o retirar los medios

iPod/iPhone

Pulse [Pod/] para abrir la bandeja de su selección de almacenamiento.



Disco

Pulse [CD ± OPEN/CLOSE] en la unidad principal para abrir o cerrar la caja.



Reproducción Básica

Pulse [Pod, o] para seleccionar la fuente.

Reproducir	Fuse [P/]
Otorgar	Fuse []
Parar	Fuse []
	Fuse pausa/pausa para controlar la reproducción.
Salto rápido	Fuse [Rebobinado] o [Avance]
Búsqueda por punto	Fuse búsqueda punto [Avance] o [Rebobinado].

iPod/iPhone

Vista del menú del iPod

Pulse [Pod MENU].

Selezionar un elemento

Pulse [Δ , ∇] y desplázese con [OK].

Disco

Visualizar información

Pulse [DISPLAY].

Menú de reproducción

1 Pulse [PLAY MENU] para seleccionar "PLAYMODE" o "REPEAT".

2 Pulse [Δ , ∇] y desplázese pulse [OK] para seleccionar el modo deseado.

PLAYMODE

OFF	Reproduce todos los archivos.
PLAYLIST	Reproduce una lista seleccionada.
1-TRACK	Reproduce una sola canción.
RANDOM	Reproduce todos los datos de forma aleatoria.

REPEAT

ON REPEAT	Repite el mismo archivo.
OFF REPEAT	Cancela la reproducción repetitiva.

Radio

Sección de preconfiguración de emisoras de FM

Preparación

Conecte la antena estéreo FM (\Rightarrow "Cómo instalar una antena estéreo").

Pulse [RADIO].

Preconfiguración automática

- 1 Pulse [PLAY MENU] para seleccionar "A.PRESET".
- 2 Pulse [Δ , ∇] para seleccionar la frecuencia "LOWEST" (más baja) o "CURRENT" (actual).
- 3 Pulse [OK] para iniciar la preconfiguración. Para cancelar, pulse [OK].

Selección de una emisora preconfigurada

- 1 Pulse [PLAY MENU] para seleccionar "TUNEMODE".
- 2 Pulse [Δ , ∇] para seleccionar "PRESET" y después pulse [OK].
- 3 Pulse [Δ - Δ] o [∇ - ∇] para seleccionar la emisora preconfigurada.

Reloj y temporizador

Configuración de la hora

Este sección le permite ajustar la hora de 12 horas.

- 1 Pulse [SETUP] para seleccionar "CLOCK".
- 2 Pulse [Δ , ∇] para configurar la hora.
- 3 Pulse [OK].

Para seleccionar el reloj durante otras configuraciones:

Pulse [SETUP] para seleccionar "CLOCK" y después pulse [OK].

Temporizador de reproducción

- 1 Pulse [SETUP] para seleccionar "TIMER ADJ".
- 2 Pulse [Δ , ∇] para configurar la hora de inicio.
- 3 Pulse [OK].
- 4 Repita los pasos 2 y 3 para configurar la hora de finalización.

Para iniciar el temporizador:

- 1 Prepare la fuente de audio que desea escuchar y configure el volumen.
- 2 Pulse [SETUP] para seleccionar "TIMER SET".
- 3 Pulse [Δ , ∇] para seleccionar "SET" y después pulse [OK].
Si "Avulsa":
La función debe estar apagada para que el temporizador funcione.

Sintonización y preconfiguración manual

- 1 Pulse [PLAY MENU] para seleccionar "TUNENODE".
- 2 Pulse [Δ , ∇] para seleccionar "MANUAL" y después pulse [OK].
- 3 Pulse [Δ - Δ] o [∇ - ∇] para sintonizar la emisión.

Para preconfigurar la emisión:

- 4 Pulse [OK].
- 5 Pulse [Δ , ∇] para seleccionar un número preconfigurable.
- 6 Pulse [OK]. Realice los pasos 3 y 6 nuevamente para preconfigurar otras emisiones.

Comprobar la configuración	1 Pulse [SETUP] para seleccionar "TIMER ADJ". 2 Pulse [OK].
Cancelar	1. Pulse [SETUP] para seleccionar "TIMER SET". 2. Pulse [Δ , ∇] para seleccionar "OFF" y después pulse [OK].

Temporizador de apagado automático

Pulse [SLEEP] para seleccionar la configuración (en minutos):

Para cancelar, seleccione "OFF".

SLEEP 00 → SLEEP 30 → SLEEP 60 → SLEEP 120
OFF

Funciónde apagado automático

Este función detiene el sistema (excepto el reloj) cada vez que la llave en modo "ON" no esté en uso durante más de 30 minutos.

- 1 Pulse [SETUP] para seleccionar "AUTO OFF".
- 2 Pulse [Δ , ∇] para seleccionar "ON" (activación) o "OFF" (desactivación) y después pulse [OK].