





Thank you for purchasing this product.

Please read these instructions carefully before using this product, and save this manual for future use.

For the United Kingdom and Ireland

### **Sales and Support Information**

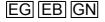
**Customer Communications Centre** 

- For customers within the UK: 0844 844 3899
- · For customers within Ireland: 01 289 8333
- Monday–Friday 9:00 am 5:00 pm (Excluding public holidays).
- For further support on your product, please visit our website: www.panasonic.co.uk

### Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Communications Centre Monday–Friday 9:00 am – 5:00 pm (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at www.pas-europe.com.
- · Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK.
- · It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products. Take a browse on our website for further details.

Model number suffix "EB" denotes UK model.



### **Panasonic**

### **Operating Instructions**

### **CD Stereo System**

### Model No. SC-PMX70 SC-PMX70B

### Table of contents

Safety precautions	2
Caution for AC Mains Lead	3
Supplied accessories	3
Maintenance	3
Preparing the remote control	3
Placement of speakers	4
Making the connections	4
Overview of controls	5
About Bluetooth®	6
Bluetooth® operations	6
Media information	7
Inserting media	8
Media playback controls	8
FM radio	9
PMX70B DAB+	
Clock and timers	11
Sound effects	11
Using the auxiliary input	11
Others	12
Troubleshooting	
Specifications	14
Limited Warranty (ONLY FOR AUSTRALIA)	15

RQT9988-B

### Do the procedures with the remote control. You can also use the buttons on the main unit if they are the same.

Your system and the illustrations can look differently. These operating instructions are applicable to the following system.

	System	SC-PMX70	SC-PMX70B
	Main unit	SA-PMX70	SA-PMX70B
	Speakers	SB-PMX70	SB-PMX70

Unless otherwise indicated, illustrations in these operating instructions are of SC-PMX70.

PMX70: indicates features applicable to SC-PMX70

only.

PMX70B: indicates features applicable to SC-PMX70B

only

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license.

Other trademarks and trade names are those of their respective owners

Google Play and Android are trademarks of Google Inc.

### Made for iPhone iPad

"Made for iPod", "Made for iPhone", and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its combliance with safety and regulatory standards.

Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance. iPad, iPhone, iPod, iPod nano, iPod touch, and Retina are trademarks of Apole Inc., registered in the U.S. and other countries.

iPad Air, and iPad mini are trademarks of Apple Inc.

Safety precautions

### **WARNING!**

### Unit

- To reduce the risk of fire, electric shock or product damage,
   Do not expose this unit to rain, moisture, dripping or splashing.
- Do not place objects filled with liquids, such as vases, on this unit.
- Use only the recommended accessories.
- Do not remove covers
- Do not repair this unit by yourself. Refer servicing to qualified service personnel.

### **CAUTION!**

### Unit

- · To reduce the risk of fire, electric shock or product damage,
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
- Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
- Do not place sources of naked flames, such as lighted candles, on this unit.
- · This unit is intended for use in moderate climates.
- The mains plug is the disconnecting device.
   Install this unit so that the mains plug can be unplugged from the socket outlet immediately.
- This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.
- This unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

### Batterv

- Do not break open or short-circuit the battery.
- Do not charge the alkaline or manganese battery.
- . Do not use the battery if the cover has peeled off.
- Do not heat or expose to flame.
- Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
- Remove the battery if you do not use the remote control for a long period of time. Keep in a cool, dark area.
- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.

For Continental Europe, the United Kingdom and Ireland

### **C€1177**

### Declaration of Conformity (DoC)

Hereby, "Panasonic Corporation" declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Customers can download a copy of the original DoC to our R&TTE products from our DoC server:

R&TTE products from our DoC server: http://www.doc.panasonic.de

Contact to Authorised Representative:

Panasonic Marketing Europe GmbH,

Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

This product is intended for general consumer. (Category 3)

### Disposal of Old Equipment and Batteries Only for European Union and countries with recycling systems



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries must not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable

collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local municipality.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.



### Note for the battery symbol (bottom symbol):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

ROT9988

### Caution for AC Mains Lead

### (For the AC mains plug of three pins)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  $\ \ \ \ \$  or the BSI mark  $\ \ \ \ \$  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local dealer.

### Before use

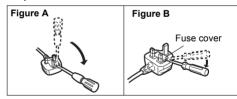
Remove the connector cover.

### How to replace the fuse

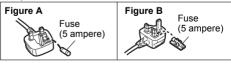
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

Illustrations may differ from actual AC mains plug.

### 1. Open the fuse cover with a screwdriver.



### 2. Replace the fuse and close or attach the fuse cover.



### Supplied accessories

Check and identify the supplied accessories.

- (For Continental Europe)

  1 x AC mains lead
  (K2CQ2YY00119)
- (For the United Kingdom and Ireland)
  1 x AC mains lead
  (K2CT2YY00097)
- (For Australia and New Zealand)

  1 x AC mains lead
  (K2CJ2YY00101)
- 1 x Remote control (N2QAYB001018)
- 1 x Remote control battery
  - 2 x Speaker cables (REE1713)



(PMX70) 1 x FM indoor antenna (RSAX0002)



(N1EYYY000015)

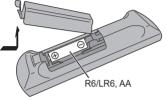


 Product numbers provided in these operating instructions are correct as of November 2014. These may be subject to change.

### Maintenance

- · To clean this system, wipe with a soft, dry cloth.
- Never use alcohol, paint thinner or benzine to clean this system.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

### Preparing the remote control



- · Use alkaline or manganese battery.
- Install the battery so that the poles (+ and –) align with those in the remote control.
- Point the remote control at the remote control sensor, away from obstacles, at a maximum range of 7 m directly in front of the main unit, within an angle of approximately 30° to the left and right.



Place the speakers so that the tweeter is on the inner side. To prevent damage to the speakers, do not touch the speaker cones if you remove the nets.

### Use only the supplied speakers.

The combination of the main unit and speakers give the best sound. You can cause damage to the system and decrease the sound quality if you use other speakers.

### Note:

- · Keep your speakers more than 10 mm from the main unit for ventilation
- Put the speakers on a flat safe surface.
- These speakers do not have magnetic shielding. Do not put them near TVs. PCs or other equipment easily influenced by magnetism.
- When you play at high levels for a long period, it can cause damage to the system and decrease the life of the system.
- Decrease the volume in these conditions to prevent
- When you play distorted sound.
- When you adjust the sound quality.

### CAUTION!

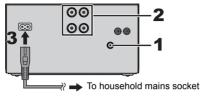
 Use the speakers only with the recommended system. If not, you can cause damage to the amplifier and speakers and can cause a fire. Consult an approved service personnel if damage occurs or if there is a sudden apparent change in performance.

Do the procedures included in these instructions when you attach the speakers.

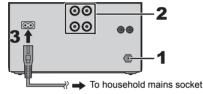
### Making the connections

Connect the AC mains lead only after all the other connections have been made.

### PMX70



### PMX70B

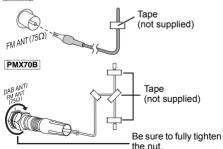


### 1 Connect the antenna.

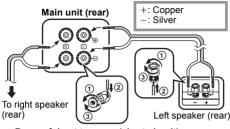
Place the antenna where reception is best.

• If radio reception is poor, use an outdoor antenna (not supplied).

### PMX70



### 2 Connect the speakers.



Be careful not to cross (short-circuit) or reverse the polarity of the speaker wires as doing so may damage the speakers.

### Connect the AC mains lead.

Do not use an AC mains lead with other equipment.

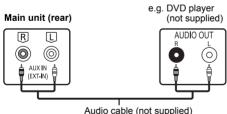
### Conserving power

The system consumes a small amount of power (⇒ 14), even when it is in standby mode. Disconnect the power supply if you do not use the system.

Some settings will be lost after you disconnect the system. You have to set them again.

### Connecting other equipment

You can connect a VCR, DVD player etc.

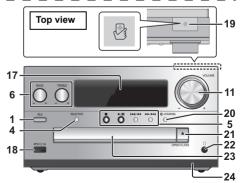


### Note:

- Disconnect the AC mains lead before connection.
- Switch off all equipment and read the appropriate operating instructions.
- Components and cables are sold separately.
- If you want to connect equipment other than those described, refer to the audio dealer.
- Sound distortion can occur when you use an adaptor.

### Overview of controls





1 Standby/on switch [也], [也/川

Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

- 2 Numeric buttons [1 to 9, 0,  $\ge$ 10]
  - To select a 2-digit number
     Example: 16: [≥10] → [1] → [6]
  - To select a 3-digit number
  - Example: 124:  $[\ge 10] \rightarrow [\ge 10] \rightarrow [1] \rightarrow [2] \rightarrow [4]$
- 3 Delete a programmed track
- 4 Select audio source

On the remote control

[1]: "BLUETOOTH"

[CD/USB]: "CD" ↔ "USB"\*1

[RADIO, EXT-IN]: "DAB+" ([PMX70B]) → "FM"

↑—— "AUX" ←——

On the main unit [SELECTOR]:

"CD"  $\rightarrow$  "BLUETOOTH"  $\rightarrow$  "DAB+" ( $\boxed{PMX70B}$ )  $^{\leftarrow}$  "USB"\*1  $\leftarrow$  "AUX"  $\leftarrow$  "FM"  $\leftarrow$ 

- 5 Basic playback control
- 6 Select the sound effects
- 7 Set the play menu item
- 8 View content information
- 9 Clock and timer operation
- 10 Set the programme function
- 11 Adjust the volume of the system
- 12 Mute the sound of the system

Press the button again to cancel. "MUTE" is also cancelled when you adjust the volume or when you switch off the system.

- 13 Enter setup menu
- 14 Set the radio menu item
- 15 Select the option
- **16** Dim the display panel Press the button again to cancel.

- 17 Display panel
- 18 Port for iPhone/iPad/iPod and USB devices.
- **19** NFC touch area (⇒ 6)
- 20 Bluetooth®-pairing button
  - Press to select "BLUETOOTH" as the audio source.
     Press and hold to enter pairing mode (⇒ 6) or disconnect a Bluetooth® device (⇒ 7).
- 21 Open or close the disc trav
- 22 Headphones jack (())
  - Plug type: 3.5 mm stereo (not supplied)
  - Avoid listening for prolonged periods of time to prevent hearing damage.
  - Excessive sound pressure from earphones and headphones can cause hearing loss.
  - Listening at full volume for long periods may damage the user's ears.
- 23 Disc tray
- 24 Remote control sensor
- \*1: The display will automatically change to "IPOD" when a compatible iPhone/iPad/iPod is connected to the port for iPhone/iPad/iPod.

### About Bluetooth®

Panasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

### Frequency band used

This system uses the 2.4 GHz frequency band.

### Certification of this device

- This system conforms to frequency restrictions and has received certification based on frequency laws.
   Thus, a wireless permit is not necessary.
- The actions below are punishable by law in some countries:
  - Taking apart or modifying this system.

### - Removing specification indications.

### Restrictions of use

- Wireless transmission and/or usage with all Bluetooth® equipped devices is not quaranteed.
- All devices must conform to standards set by Bluetooth SIG. Inc.
- Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
- This system supports Bluetooth® security features. But depending on the operating environment and/or settings, this security is possibly not sufficient. Transmit data wirelessly to this system with caution.
- This system cannot transmit data to a Bluetooth® device.

### Range of use

Use this device at a maximum range of 10 m.
 The range can decrease depending on the environment, obstacles or interference.

### Interference from other devices

- This system may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this system is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
- This system may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

### Intended usage

- · This system is for normal, general use only.
- Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc).

### Bluetooth® operations

By using the Bluetooth® connection, you can listen to the sound from the Bluetooth® audio device from this system wirelessly.

- Refer to the operating instructions of the Bluetooth® device for details.
- If you intend to use an NFC (Near Field Communication)-compatible Bluetooth® device, proceed to "One-Touch Connection (Connecting by NFC)".

### Connecting via Bluetooth® menu

### Preparation

 Turn on the Bluetooth® feature of the device and place the device near this unit.

### Pairing with Bluetooth® devices

1 Press [3] to select "BLUETOOTH".

If "PAIRING" is indicated on the display, go to step 4.

To enter pairing mode\*1

- 2 Press [PLAY MENU] to select "PAIRING".
- 3 Press [◄, ▶] to select "OK? YES" and then press [OK].

To pair with a device

4 Select "SC-PMX70" from the Bluetooth® device's Bluetooth® menu.

The name of the connected device is indicated on the display for a few seconds.

- 5 Start playback on the Bluetooth® device.
- \*1: You can also enter pairing mode by pressing and holding [ A -PAIRING] on the unit.

### Connecting a paired Bluetooth® device

- 1 Press [3] to select "BLUETOOTH".
  "READY" is indicated on the display.
- 2 Select "SC-PMX70" from the Bluetooth® device's Bluetooth® menu.

The name of the connected device is indicated on the display for a few seconds.

3 Start playback on the Bluetooth® device.

### Note:

If prompted for the passkey, input "0000".

- You can register up to 8 dévices with this unit. If a 9th device is paired, the device that has not been used for the longest will be replaced.
- This unit can only be connected to one device at a time.
- When "BLUETOOTH" is selected as the source, this unit will automatically try and connect to the last connected Bluetooth® device. ("LINKING" is indicated on the display during this process.)

### One-Touch Connection (Connecting by NFC)

### For NFC-compatible Bluetooth® devices (Android™ devices) only

Simply by touching an NFC (Near Field Communication)-compatible Bluetooth® device on the unit, you can complete all preparations, from registering a Bluetooth® device to establishing a connection.

### Preparation

- Turn on the NFC feature of the device.
- Android device version lower than 4.1 requires the installation of the app "Panasonic Music Streaming" (free of charge).
  - 1 Enter "Panasonic Music Streaming" in the search box of Google Play™ to search, and then select "Panasonic Music Streaming".
  - 2 Start the app "Panasonic Music Streaming" on the device.
    - Follow on-screen instructions on your device.
    - Always use the latest version of the app.

- 1 Press [8] to select "BLUETOOTH".
- 2 Touch and hold your device on the NFC touch area of this unit [৻arrowsize]. (⇔ 5)

Do not move the Bluetooth® device until it beeps, displays a message or reacts in some way. Once the Bluetooth® device has reacted, move the device away from this unit.

- When the registration and connection of the Bluetooth® device is complete, the name of the connected device is indicated on the display for a few seconds.
- The location of the NFC touch area differs depending on the device. When a connection cannot be established even if your Bluetooth® device has touched the NFC touch area of this unit, change the position of the device. The condition may also improve if you download the dedicated app "Panasonic Music Streaming" and start it up.
- 3 Start playback on the Bluetooth® device.

### Note:

- If you touch another device to this unit, you can update the Bluetooth® connection. The previously connected device will be disconnected automatically.
- When the connection is established, playback may start automatically depending on the type of device being used.
- The One-Touch Connection may not work properly depending on the type of device being used.

### Bluetooth® transmission mode

You can change the transmission mode to prioritise transmission quality or sound quality.

### Preparation

- Press [3] to select "BLUETOOTH".
- If a Bluetooth® device is already connected, disconnect it.
- 1 Press [PLAY MENU] repeatedly to select "LINK MODE".
- 2 Press [◀, ▶] to select the mode and then press [OK].

MODE 1: Emphasis on connectivity MODE 2: Emphasis on sound quality

### Note:

- · Select "MODE 1" if the sound is interrupted.
- . The factory default is "MODE 2".

### Bluetooth® input level

If the sound input level from the Bluetooth® device is too low, change the input level setting.

### Preparation

- Connect a Bluetooth® device.
- Press [PLAY MENU] repeatedly to select "INPUT LEVEL".
- 2 Press [◀, ▶] to select the level and then press [OK].

  "LEVEL 0" ↔ "LEVEL +1" ↔ "LEVEL +2"

### Note:

- · Select "LEVEL 0" if the sound is distorted.
- · The factory default is "LEVEL 0".

### Disconnecting a Bluetooth® device

- 1 While a Bluetooth® device is connected: Press [PLAY MENU] repeatedly to select "DISCONNECT?".
- 2 Press [◀, ▶] to select "OK? YES" and then press [OK].

### Note:

- You can also disconnect the Bluetooth® device by pressing and holding [ §] -PAIRING] on the unit.
- The Bluetooth® device will be disconnected if a different audio source (e.g., "CD") is selected.

### Bluetooth® standby

When "SC-PMX70" is selected from a paired Bluetooth® device's Bluetooth® menu, this unit will turn on automatically from standby mode and establish a Bluetooth® connection.

- 1 Press [SETUP] repeatedly to select "BLUETOOTH STANDBY".
- 2 Press [◀, ▶] to select "ON" and then press [OK].

### Note:

- To turn the function off, select "OFF" in step 2.
- The factory default is "OFF". If this function is set to "ON", the standby power consumption will increase.

### Media information

 Please be aware that Panasonic accepts no responsibility for the loss of data and/or information.

### Compatible iPhone/iPad/iPod

iPhone 6 Plus / iPhone 6 / iPhone 5s / iPhone 5c / iPhone 5 / iPhone 4s / iPhone 4 / iPhone 3GS / iPhone 3G / iPhone

iPad Air 2 / iPad Air / iPad (3rd and 4th generation) / iPad 2 / iPad / iPad mini 3 / iPad mini 2 (iPad mini with Retina display) / iPad mini

iPod touch (1st through 5th generation)

iPod nano (2nd through 7th generation)

(as of December 2014)

### Note:

- Do not connect models not listed in the above. Unexpected behaviour may occur.
- Compatibility depends on the software version. Update your iPhone/iPad/iPod to the latest software before using it with this unit.
- Read the User Guide of the iPhone/iPad/iPod for the operating instructions.

### Compatible USB devices

- · This unit does not guarantee connection with all USB devices.
- FAT12, FAT16 and FAT32 file systems are supported.
- This unit supports USB 2.0 High Speed.
- This unit can support USB devices of up to 32 GB.
- Supported file formats and extensions: MP3 (".mp3"), AIFF (".aiff"), FLAC (".flac"), WAV (".wav"), AAC (".m4a")

### Note:

- · Files are defined as tracks and folders are defined as albums.
- · This system can access up to:
- 800 albums (including root folder)
- 8000 tracks
- 999 tracks in one album

### Compatible CD

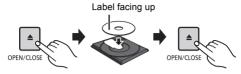
- This system can play back discs that conform to the CD-DA format.
- . This system can play back CD-R/RW with CD-DA or MP3 format content.
- · Before playback, finalise the disc on the device it was recorded on.
- · Disc must conform to ISO9660 level 1 or 2 (except for extended formats).

### Note:

- · Some CD-R/RW cannot be played because of the condition of the recording.
- MP3 files are defined as tracks and folders are defined as
- · This system can access up to:
  - CD-DA: 99 tracks
- MP3: 999 tracks, 255 albums (including root folder)
- Recordings will not necessarily be played in the order you recorded them

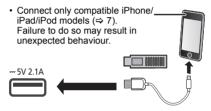
### Inserting media

CD



### Press [CD/USB] to select "CD".

### iPhone/iPad/iPod or USB device



### Press [CD/USB] to select "USB".

The display will automatically change to "IPOD" when a compatible iPhone/iPad/iPod is connected to the port.

### Charging an iPhone/iPad/iPod

During unit on, charging starts when an iPhone/iPad/ iPod is connected to this unit.

- To continue charging from the USB cable connection during standby mode, make sure the iPhone/iPad/iPod has started charging before turning the unit to standby mode
- Check the iPhone/iPad/iPod to see if the battery is fully charged. (Once fully charged, remove the iPhone/iPad/ iPod.)

### Note:

- Remove the CD only after it stops rotating.
- When connecting an iPhone/iPad/iPod, use the dedicated USB cable (not supplied).
- Insert the USB device directly. Do not use any USB extension cable.
- Please disconnect the USB device if you finish using.
- Before removing the USB device, select a source other than "USB".

### Media playback controls

The following marks indicate the availability of the feature.

CD audio in CD-DA format and a CD that CD: contains MP3 files

Compatible iPhone/iPad/iPod iPod :

USB devices containing MP3/AIFF/FLAC/ USB :

WAV/AAC files

Bluetooth: Connected Bluetooth® device

### Preparation

- · Turn the unit on.
- Insert the media or connect the Bluetooth® device.
- Press [CD/USB] or [1] to select the audio source.

tion is memorised and lisplayed.
lisplayed.
continue playback.
[▶▶I] to skip track. I/◄◄] or [▶▶/▶▶I])
s [▲] or [▼] to skip the C/WAV/AAC album.
ause [◀◀] or [▶▶]. I/◀◀] or [▶▶/▶▶ ]) ds search is only within k.

- To use this unit's remote control with a Bluetooth® device. the Bluetooth® device must support AVRCP (Audio Video Remote Control Profile).
- Depending on the status of the device, some controls may noť work.
- Operation results may vary depending on the iPhone/iPad/
- **CD USB**:Tracks can be selected by pressing the numeric buttons.

### Viewing available information CD USB Bluetooth

### Press [DISPLAY] repeatedly.

e.g. MP3

"A□□□": Album number "T□□□": Track number

(" \( \sigma\) " stands for a number.)

■ ": Album " ": Track

### Note:

- Maximum characters that can be shown: approximately 32
- · This system supports ver. 1 and 2 ID3 tags.
- Text data that the system does not support can show differently.

### Play menu CD USB

PLAYMODE

ON REPEAT

**OFF REPEAT** 

- 1 Press [PLAY MENU] to select "PLAYMODE" or "REPEAT".
- 2 Press [◄, ►] to select the setting and then press [OK].

### OFF Cancels the play mode setting. **PLAYMODE** 1-TRACK Only plays the selected track. • "1", " > " is displayed. (Skip to the desired track.) 1-ALBUM Only plays the selected MP3/AIFF/ FLAC/WAV/AAC album. "1". " is displayed. RANDOM Plays the contents randomly. "RND" is displayed. 1-ALBUM Plays the tracks in the selected MP3/ RANDOM AIFF/FLAC/WAV/AAC album randomly. Press [▲] or [▼] to select the MP3/ AIFF/FLAC/WAV/AAC album. "1". "•". "RND" is displayed. REPEAT

Turns on repeat mode.

Turns off repeat mode.

"⟨►⟩ " is displayed.

### Note:

- During random playback, you cannot skip to tracks which have been played or press the numeric buttons.
- Playmode function does not work with "Programme playback".
- Thé mode is cancelled when you open the disc tray or remove the USB device.

### Programme playback CD USB

This function allows you to programme up to 24 tracks. 
CD (CD-DA)

- 1 Press [PROGRAM] in the stop mode. "PROGRAM" is shown for a few seconds.
- 2 Press the numeric buttons to select the desired
- 2 Press the numeric buttons to select the desired track.

Do this step again to programme other tracks.

3 Press [►/II] to start playback.

CD (MP3), USB

- 1 Press [PROGRAM] in the stop mode. "PROGRAM" is shown for a few seconds.
- 2 Press [▲, ▼] to select the desired album.
- 3 Press [►►] and then press the numeric buttons to select the desired track.
- 4 Press [OK].

Do steps 2 through 4 again to programme other tracks.

5 Press [►/II] to start playback.

Check programme contents	Press [I◀◀] or [▶▶I] in the stop mode.
Clear the last track	Press [DEL] in the stop mode.
Cancel programme mode	Press [PROGRAM] in the stop mode. • "PGM OFF" is shown for a few seconds.
Clear all programmed tracks	Press [■] in the stop mode. "CLR ALL" is shown. Within 5 seconds, press [■] again.

### Note:

• The programme memory is cleared when you open the disc tray or remove the USB device.

### FM radio

30 FM stations can be preset.

Preparation

Press [RADIO, EXT-IN] repeatedly to select "FM".

### Automatic presetting

- 1 Press [RADIO MENU] to select "A.PRESET".
- 2 Press [◀, ▶] to select "LOWEST" or "CURRENT" frequency.

### LOWEST:

To begin auto preset with the lowest frequency (FM 87.50).

### CURRENT:

To begin auto preset with the current frequency.\*1

- Press [OK] to start presetting.
  - The tuner starts to preset all the stations it can receive into the channels in ascending order.

To cancel, press [■].

\*1: To change the frequency, refer to "Manual tuning and presetting".

### Manual tuning and presetting

- 1 Press [◀◀] or [▶▶] to tune in to the station.
  - Alternatively, press [I◄◄/◄◄] or [►►/►►I] on the main unit when "MANUAL" is selected as the tune mode\*2.

To tune automatically, press and hold the button until the frequency starts changing quickly.

- 2 Press [PROGRAM].
- 3 Press the numeric buttons to select a preset number.

Do steps 1 through 3 again to preset more stations. The new station replaces any station that occupies the same preset number.

### Selecting a preset station

Press the numeric buttons, [◄◀] or [▶▶] to select the preset station.

- Alternatively, press [I◄◄/◄] or [►►/►►] on the main unit when "PRESET" is selected as the tune mode\*².
- \*2: To change the tune mode
  - 1 Press [RADIO MENU] repeatedly to select "TUNE MODE".
  - 2 Press [◄, ▶] to select "MANUAL" or "PRESET", and then press [OK].

### To display the current FM signal status

### Press [DISPLAY].

· For Continental Europe:

Press [DISPLAY] repeatedly to select "FM STATUS".

"FM ST": The FM signal is tuned and in stereo.

"FM - - - -": There is no tuned signal or the FM signal

is in monaural.

"FM MONO": "MONO" is selected as the "FM MODE". (⇒ 12, "If noise is excessive during FM reception.")

### **RDS** broadcasting

### (For Continental Europe only)

This system can show the text data transmitted by the radio data system (RDS) available in some areas.

### Press [DISPLAY] repeatedly.

"PS": Programme service
"PTY": Programme type
"FREQ": Frequency

### Note:

- · RDS is available only when stereo works in reception.
- RDS may not be available if reception is poor.

### PMX70B DAB+

### Preparation

Press [RADIO, EXT-IN] repeatedly to select "DAB+".

If you select "DAB+" for the first time, the system will start the "DAB AUTO SCAN" procedure.

### Note:

If no station is detected, "SCAN FAILED" is shown.
 Adjust the antenna and try again.

### DAB auto scan

- 1 Press [RADIO MENU] to select "AUTOSCAN" and then press [OK].
- "START?" is shown.

### 2 Press [OK].

"DAB AUTO SCAN" is shown.

### DAB manual tuning

To find the best antenna position, use manual tuning to search selected DAB frequency block.

- 1 Press [RADIO MENU] repeatedly to select "MANUAL SCAN".
- 2 Press [◀, ▶] to select a frequency block to scan and then press [OK].

### **Memory presetting**

You can preset up to 20 DAB stations.

- 1 Press [◀◀] or [▶▶] to select a station.
  - Alternatively, press [I◄◄/◄◄] or [▶►/▶►] on the main unit when "STATION" is selected as the tune mode\*1.
- 2 Press [PROGRAM].
- 3 Press the numeric buttons to select a preset number.

Do steps 1 through 3 again to preset more stations.

### Note:

- A station previously stored is overwritten when another station is stored in the same preset number.
- You cannot preset a station when the station is not broadcasting or when you have selected a secondary service.
- Previous station memory is cleared during auto scan.

### Selecting a preset station

Press the numeric buttons, [◄◄] or [▶▶|] to select the preset station.

- Alternatively, press [I◀◀/◀◀] or [▶►/▶►] on the main unit when "PRESET" is selected as the tune mode\*1.
- \*1: To change the tune mode
  - 1 Press [RADIO MENU] repeatedly to select "TUNE MODE".
  - 2 Press [◀, ▶] to select "STATION" or "PRESET", and then press [OK].

### Viewing available information

You can view information about the DAB broadcast, programme type, ensemble label, frequency and time. Press [DISPLAY] to view available information.

### DAB settings

- Press [RADIO MENU] repeatedly to select an option.
- 2 Press [◀, ▶] to select the desired setting and then press [OK].

DAB SECONDARY			
PRIMARY	To listen to primary service.		
SECONDARY	To listen to secondary services.		
	"♥" is shown.		
AUTO CLOCK ADJ			
ON ADJUST	Start auto clock adjustment.		
OFF ADJUST	Cancel auto clock adjustment.		

### DAB signal quality

When adjusting the antenna, you can check the reception quality.

1 Press [RADIO MENU] repeatedly to select "SIGNAL QUALITY".

Reception quality

2 Press [◀, ▶] to select frequency.

The current frequency block is displayed and then the reception quality is indicated.

0 (poor) to 8 (excellent)

### Setting the clock

This is a 24-hour clock.

- 1 Press [CLOCK/TIMER] to select "CLOCK".
- 2 Press [▲, ▼] to set the time and then press [OK].

### To check the time

Press [CLOCK/TIMER].

### Note:

· Reset the clock regularly to maintain accuracy.

### Sleep timer

The sleep timer switches off the system after the set time

### Press [SLEEP] repeatedly to select the setting (in minutes).

### Note:

- The remaining time is indicated on the unit's display except when other operations are performed.
- The sleep timer can be used together with the play timer.
- The sleep timer always comes first. Be sure not to set an overlap of timers.

### Play timer

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

### Preparation Set the clock

- 1 Press [CLOCK/TIMER] repeatedly to select "TIMER ADJ".
- 2 Press [▲, ▼] to set the starting time ("ON TIME") and then press [OK].
- 3 Press [▲, ▼] to set the finishing time ("OFF TIME") and then press [OK].
- 4 Press [▲, ▼] to select the music source\*1 and then press [OK].

### Turning the timer on

- Prepare the selected music source and set the desired volume.
- 2 Press [O, PLAY].

"⊕" is shown.

To cancel, press [O, PLAY] again.

The system must be switched off for the timer to operate.

### To check the settings

Press [CLOCK/TIMER] repeatedly to select "TIMER ADJ".

### (During standby, press [CLOCK/TIMER] twice.)

### Note:

- The timer starts at a low volume and increases gradually to the preset level.
- The timer comes on at the set time every day if the timer is on.
- If you switch off the system and switch on again while a timer is in operation, the timer will not stop at the end time.
- \*1: "CD", "USB", "DAB+" ([PMX70B]), and "FM" can be set as the music source.
  - For timer music source through the port for iPhone/ iPad/iPod and USB devices, select "USB".

### Sound effects

### Changing the sound quality

- Press [SOUND] repeatedly to select a sound effect.
- 2 Press [◀, ▶] to select the desired setting.

BASS	-4 to +4
TREBLE	
SURROUND	"ON SURROUND" or "OFF SURROUND"

### By main unit only

Turn [BASS] or [TREBLE] to adjust the level.

### Preset EQ

### Press [PRESET EQ] repeatedly to select a setting.

HEAVY	Adds punch to rock
SOFT	For background music
CLEAR	Clarifies higher frequencies
VOCAL	Adds gloss to vocal
FLAT	Cancels the sound effect

### D.BASS

This function lets you enjoy a powerful bass effect.

Press [D.BASS] to select "ON D.BASS" or "OFF D.BASS".

### Using the auxiliary input

You can connect a VCR, DVD player etc. and listen to the audio through this system.

### Preparation

Connect the external equipment.

- 1 Press [RADIO, EXT-IN] repeatedly to select "AUX".
- 2 Play the external equipment.

### Auto off function

As a factory default, this unit will turn to standby mode automatically if there is no sound and it is not being used for approximately 20 minutes.

### To cancel this function

1 Press [SETUP] repeatedly to select "AUTO OFF".

### 2 Press [◀, ▶] to select "OFF" and then press [OK].

### Note:

- To turn the function on, select "ON" in step 2.
- This setting cannot be selected when radio is the source.
- When connected to a Bluetooth® device, the function does not work.

### Software update

Occasionally, Panasonic may release updated software for this unit that may add or improve the way a feature operates. These updates are available free of charge. For more details, refer to the following website. http://panasonic.jp/support/global/cs/

### Checking the software version

(This site is in English only.)

The version of the installed software is displayed.

### Press [SETUP] repeatedly to select "SW VER." and then press [OK].

· Press [OK] to exit.

### **Troubleshooting**

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the solutions indicated do not solve the problem, consult your dealer for instructions.

### Common problems

No operations can be done with the remote control.

Examine that the battery is installed correctly.

### Sound is distorted or no sound.

- · Adjust the volume of the system.
- Switch off the system, determine and correct the cause, then switch the system on again. It can be caused by straining of the speakers through excessive volume or power, and when using the system in a hot environment.
- Ensure the speaker cables are connected correctly and securely. (⇒ 4)

### A "humming" sound can be heard during playback.

 An AC mains lead or fluorescent light is near the cables. Keep other appliances and cords away from the cables of this system.

### The unit does not work.

One of the unit's safety devices may have been activated.

Reset the unit as follows:

- 1 Press [6]/I] on the unit to switch the unit to standby.
  - If the unit does not switch to standby, press [ტ/l] on the unit for approximately 10 seconds. The unit is forcibly switched to standby. Alternatively, disconnect the AC mains lead, wait for at least 3 minutes, then reconnect it.
- 2 Press [�/I] on the unit to switch it on. If the unit still cannot be operated, consult the dealer.

### Noise is heard.

 During "AUX" mode, when a device is connected to both the AUX IN terminals and the USB port, noise may be generated depending on the device. In this case, remove the USB cable from the USB port.

### Disc

### Display not shown correctly. Playback does not start.

- You have not put in the disc correctly. Put it in correctly.
- · Disc is dirty. Clean the disc.
- Replace the disc if it is scratched, warped, or non-standard.
- There is condensation. Let the system dry for 1 to 2 hours.

### Radio

### Reception is poor or a beat sound is heard.

- Keep the antenna away from computers, TVs, other cables and cords.
- Use an outdoor antenna.
- · Switch off the TV or move it away from the system.

### If noise is excessive during FM reception.

- Change the audio to be output as monaural.
  - 1 Press [RADIO MENU] repeatedly to select "FM MODE".
  - 2 Press [◀, ▶] to select "MONO" and then press [OK]. The sound becomes monaural.
  - To cancel, select "STEREO" or change the frequency. In normal circumstances, select "STEREO".

### iPhone/iPad/iPod

### Cannot charge or operate.

- Check that the iPhone/iPad/iPod is connected properly.
- Connect the iPhone/iPad/iPod again or try to restart the iPhone/iPad/iPod.
- During standby mode, charging will not start from the USB cable connection.

Turn this unit on and make sure the charging has started before turning this unit to standby mode.

- The battery of the iPhone/iPad/iPod is depleted. Charge the iPhone/iPad/iPod, and then operate again.
  - When using the port, turn this unit on. Do not turn this unit off until the iPhone/iPad/iPod becomes operational.

### USB

### The USB device or the contents in it cannot be read.

 The format of the USB device or the contents in it is/ are not compatible with the system.

### Slow operation of the USB device.

 Large content size or large memory USB device takes longer time to read.

### The elapsed time shown is different from the actual play time.

 Transfer the data to another USB device or backup the data and reformat the USB device.

### Bluetooth®

### Pairing cannot be done.

Check the Bluetooth® device condition.

### The device cannot be connected.

- The pairing of the device was unsuccessful or the registration has been replaced. Try pairing the device again.
- This system might be connected to a different device.
   Disconnect the other device and try pairing the device again.
- If the problem persists, turn the unit off and on, then try again.

### The device is connected but audio cannot be heard through this system.

 For some built-in Bluetooth® devices, you have to set the audio output to "SC-PMX70" manually. Read the operating instructions for the device for details.

### The sound is interrupted.

- The device is out of the 10 m communication range.
   Bring the Bluetooth® device closer to this system.
- Remove any obstacle between this system and the device
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Bring the Bluetooth® device closer to this system and distance it from the other devices.
- Select "MODE 1" for stable communication. (⇒ 7)

### The One-Touch Connection (NFC feature) is not working.

 Make sure the unit and the NFC feature of the device are turned on. (⇒ 6)

### Main unit displays

"--:--"

 You connected the AC mains lead for the first time or there was a power failure recently. Set the clock.

### "ADJUST CLOCK"

· Clock is not set. Adjust the clock accordingly.

### "ADJUST TIMER"

Play timer is not set. Adjust the play timer accordingly.

### "AUTO OFF"

 The unit has been left unused for about 20 minutes and will shut down in a minute. Press any button to cancel it

### "CHECKING CONNECTION"

- The unit is checking the connected iPhone/iPad/iPod or USB device.
- If this display keeps appearing, make sure that the battery of the iPhone/iPad/iPod is not depleted and that the iPhone/iPad/iPod is turned on and connected correctly.

### "ERROR"

 An incorrect operation was done. Read the instructions and try again.

### "F□□" (" □ " stands for a number.)

There is a problem with this unit.
 Write down the displayed number, disconnect the AC mains lead and consult your dealer.

### "NO DEVICE"

- The iPhone/iPad/iPod or USB device is not connected. Examine the connection.
- The battery of the iPhone/iPad/iPod is depleted. Charge the iPhone/iPad/iPod and turn it on before connecting.

### "NO DISC"

 You have not put in a disc or put in a disc that the system cannot play.

### "NO MEMORY" (PMX70B)

 There are no preset DAB stations to select. Preset some channels.

### "NO PLAY"

- Examine the content. You can only play supported format.
- The files in the USB device can be corrupted. Format the USB device and try again.
- The unit may have a problem. Turn the unit off and then on again.

### "NO SIGNAL" (PMX70B)

• This station cannot be received. Check your antenna.

### "DEVICE NO RESPONSE"

"HUB NOT SUPPORTED"

### "NOT SUPPORTED"

- You have connected an iPhone/iPad/iPod that cannot be played.
- If the iPhone/iPad/iPod is compatible, turn it on and connect it correctly.
- · You have connected an unsupported USB device.

### "PGM FULL"

• The number of programmed tracks is more than 24.

### "PLAYERROR"

• You played an unsupported file. The system will skip that track and play the next one.

### "READING"

• The unit is checking the CD information. After this display has disappeared, start operating.

### "REMOTE □" (" □ " stands for a number.)

- The remote control and this unit are using different codes. Change the code on the remote control.
  - When "REMOTE 1" is displayed, press and hold [OK] and [1] for at least 4 seconds.
  - When "REMOTE 2" is displayed, press and hold [OK] and [2] for at least 4 seconds.

### "SCAN FAILED" (PMX70B)

 Stations are not receivable. Check your antenna and try DAB manual tuning.

### "USB OVER CURRENT ERROR"

 The iPhone/iPad/iPod or USB device is drawing too much power. Remove the iPhone/iPad/iPod or USB device. Switch the system off and on again.

### "VBR"

 The system cannot show the remaining play time for variable bit rate (VBR) tracks.

### **Memory reset (initialisation)**

Reset the memory when the following situations occur:

- There is no response when buttons are pressed.
- · You want to clear and reset the memory contents.
- 1 Disconnect the AC mains lead.
  Wait 3 minutes before you continue with step 2.
- 2 While you press and hold [ტ/I] on the main unit, connect the AC mains lead again.
- 3 Release [ტ/I].

All the settings are set back to the factory default. It is necessary to set the memory items again.

### Remote control code

"----" is shown

When other Panasonic equipment responds to the remote control of this system, change the remote control code for this system.

### To set the code to "REMOTE 2"

- 1 Press [SELECTOR] on the main unit to select "CD".
- 2 Press and hold [SELECTOR] on the main unit and [2] on the remote control until "REMOTE 2" is shown.
- 3 Press and hold [OK] and [2] for a minimum of 4 seconds.
- The factory default is "REMOTE 1".
- To change the mode back to "REMOTE 1", repeat the steps above but replace the button pressed on the remote control from [2] to [1].

### General

Power supply AC 220 V to 240 V 50 Hz Power consumption 44 W Dimensions (main unit) (W x H x D) 211 x 114 x 267 mm Mass (main unit) Approx. 2.8 kg 0°C to +40°C Operating temperature range

Operating humidity range 35% to 80% RH (no condensation)

Power consumption in standby mode\*1, 2

0.4 W (approximate) (When "BLUETOOTH STANDBY" is "ON")\*2 0.45 W (approximate)

### **Amplifier section**

RMS output power

Front Ch (both ch driven)

60 W per channel (3  $\Omega$ ), 1 kHz, 10% THD Total RMS power 120 W

### FM section

Preset memory 30 stations Frequency range

87.50 MHz to 108.00 MHz (50 kHz step) Antenna terminals 75  $\Omega$  (unbalanced)

### DAB section ( PMX70B )

**DAB** memories 20 channels Frequency band (wavelength)

Band III 5A to 13F (174.928 MHz to 239.200 MHz)

Sensitivity \*BER 4x10-4

-98 dBm Min requirement DAB external antenna terminal F-Connector (75  $\Omega$ )

### Disc section

Disc played (8 cm or 12 cm)

CD, CD-R/RW (CD-DA, MP3\*3) Pick up

Wavelength 790 nm (CD) NORSK (NORWAY)

Bølgelengde 790 nm (CD) Laserstyrke Ingen farlig stråling sendes ut

### Terminals section

USB Port

USB port power DC OUT 5 V 2 1 A USB standard USB 2.0 High Speed Media file format support

MP3 (\*.mp3), AIFF (\*.aiff), FLAC (\*.flac), WAV (\*.wav), AAC (\*.m4a)

Audio Support format

MP3

Sampling frequency 32/44 1/48 kHz Audio word size 16 bits Channel count 2 ch AIFF/FLAC\*4/WAV

Sampling frequency

32/44.1/48/88.2/96/176.4/192 kHz Audio word size 16 hits/24 hits Channel count 2 ch

AAC\*5

Sampling frequency 32/44.1/48 kHz Audio word size Channel count

USB device file system FAT12, FAT16, FAT32 Headphones Stereo, 3.5 mm jack

Analog audio input AUX IN (EXT-IN)

Pin iack

### Speaker section

Speaker unit(s)

Woofer 14 cm cone type x 1 Tweeter 1.9 cm dome type x 1 Super tweeter 1.5 cm piezoelectric type x 1 Impedance  $3 \Omega$ **Dimensions (W x H x D)** 161 mm x 238 mm x 262 mm Mass Approx. 2.6 kg

### Bluetooth® section

Bluetooth® Ver.2.1+EDR Version Class Class 2 A2DP. AVRCP Supported Profiles Frequency band 2.4 GHz band FH-SS Operation Distance 10 m Line of sight Supported Codec AAC, SBC

### Note:

- Specifications are subject to change without notice. Mass and dimensions are approximate.
- Total harmonic distortion is measured by the digital spectrum analyzer.
- \*1: "BLUETOOTH STANDBY" is "OFF".
- \*2: No device is connected to the USB port before turning to standby mode.
- \*3: MPEG-1 Laver 3. MPEG-2 Laver 3
- \*4: Uncompressed FLAC files may not operate correctly. Support block size from 1152 to 4096.
- \*5: Support profile AAC-LC only.

FLAC Decoder

16 bits

2 ch

Copyright (C) 2000,2001,2002,2003,2004,2005,2006,2007, 2008,2009 Josh Coalson

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES. INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO. PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES: LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ROT9988

## Panasonic Warranty

- Authorised Service Centre will perform necessary service on the product without charge for parts or labour, if in the opinion of The product is warranted for 12 months from the date of purchase. Subject to the conditions of this warranty Panasonic or its Panasonic, the product is found to be faulty within the warranty period.
- Distributors or Dealers and only where the products are used and serviced within Australia or it's territories. Warranty cover only applies to service carried out by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when This warranty only applies to Panasonic products purchased in Australia and sold by Panasonic Australia or its Authorised warranty service is requested.
- noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty covers normal accident, misuse, neglect, build-up of dirt or dust, abuse, maladjustment of customer controls, mains supply problems, thunderstorm 3. This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), product, exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
  - This warranty does not cover the following items unless the fault or defect existed at the time of purchase:
- (b) Video or Audio Tapes (a) Cabinet Part(s)
- (f) Video / Audio Heads from wear and tear in normal use (e) DVD, Blu-ray or Recordable Discs
- User replaceable Batteries SD cards or USB devices 9

etc <u></u>

- (h) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s) (g) Information stored on Hard Disk Drive, USB stick or SD card
- Some products may be supplied with Ethernet connection hardware. The warranty is limited on such products and will not cover (a) Internet and or DLNA connection / setup related problems
- (b) Access fees and or charges incurred for internet connection
- (c) The use of incompatible software or software not specifically stipulated in the product operations manual;

(d) Any indirect or consequential costs associated with the incorrect use or misuse of the hardware, its connection to the internet or

- any other device.
- 6. To claim warranty service, when required, you should:
- Telephone Panasonic's Customer Care Centre on 132600 or visit our website referred to below and use the Service Centre
  Locator for the name/address of the nearest Authorised Service Centre.
   Send or take the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt as a proof of
- purchase date. Please note that freight and insurance to and / or from your nearest Authorised Service Centre must be arranged
- Note that home or pick-up/delivery service is available for the following products in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centres:
  - Plasma/LCD televisions / displays (screen size greater than 103 cm)
- ancillary activities), delivery, handling, freighting, transportation or insurance of the product or any part thereof or replacement of and do not extend to, and exclude, any damage or loss occurring by reason of, during, associated with, or related to such installation, re-installation of a product, including costs related to the mounting, de-mounting or remounting of any screen, (and any other 7. The warranties hereby conferred do not extend to, and exclude, any costs associated with the installation, de-installation or de-installation, re-installation or transit.

Panasonic Authorised Service Centres are located in major metropolitan areas and most regional centres of Australia, however, coverage will vary dependant on product. For advice on exact Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132600 or visit our website and use the Service Centre Locator.

In addition to your rights under this warranty, Panasonic products come with consumer guarantees that cannot be excluded under the Australian Consumer Law. If there is a major failure with the product, you can reject the product and elect to have a refund or to have the product replaced or if you wish you may elect to keep the goods and be compensated for the drop in value of the goods. You are also entitled to have the product repaired or replaced if the product fails to be of acceptable quality and the failure does not amount to

contacting the Panasonic Customer Care Centre. If the failure in the product is not a major failure then Panasonic may choose to repair If there is a major failure in regard to the product which cannot be remedied then you must notify us within a reasonable period by or replace the product and will do so in a reasonable period of time from receiving notice from you.

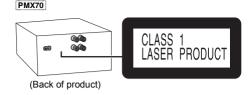
### THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

If you require assistance regarding warranty conditions or any other enquiries, please visit the Panasonic Australia If phoning in, please ensure you have your operating instructions available. website www.panasonic.com.au or contact by phone on 132 600

# Panasonic Australia Pty. Limited

1 Innovation Road, Macquarie Park NSW 2113

PRO-031-F11 Issue: 4.0



### PMX70B CLASS 1 LASER PRODUCT

Safety information for customers in Norway

### NORSK

### ADVARSEL!

### Produkt

- For å redusere faren for brann, elektrisk støt eller skade på apparatet:
- Dette apparatet må ikke utsettes for regn, fuktighet, drypp eller sprut.
- Ikke plasser objekter som er fylt med væske, som vaser, på apparatet.
- Bruk kun anbefalt tilbehør.
- Fiern ikke deksler.
- Dette apparatet må ikke repareres på egen hånd. Overlat servicearbeider til kvalifisert servicepersonell.

### **FORSIKTIG!**

### Produkt

- For å redusere faren for brann, elektrisk støt eller skade på apparatet:
- Ikke plasser apparatet i en bokhylle, et innebygget kabinett eller et annet lukket sted. Pass på at apparatet er godt ventilert.
- Apparatets ventilasjonsåpninger må ikke dekkes til med aviser, duker, gardiner eller lignende.
- Plasser ikke åpen ild, slik som levende lys, oppå apparatet.
- Dette apparatet er beregnet til bruk under moderate klimaforhold.
- Nettstøpselet er trukket ut fra denne enheten. Installer denne enheten slik at nettstøpselet umiddelbart kan trekkes fra stikkontakten.
- Dette apparatet anvender en laser. Betjening av kontroller, justeringer eller andre inngrep enn de som er beskrevet i denne bruksanvisning, kan føre til farlig bestråling.

Manufactured by: Panasonic Corporation

Kadoma, Osaka, Japan

Importer for Europe: Panasonic Marketing Europe GmbH

Panasonic Testing Centre

Winsbergring 15, 22525 Hamburg, Germany

EU

Panasonic Corporation Web Site: http://panasonic.net



© Panasonic Corporation 2015 RQT9988-B